



ADMINISTRATION REPORT
OF THE
ELECTRICITY DEPARTMENT
FOR 1956-57



GOVERNMENT OF MADRAS
1958

PRINTED BY THE CONTROLLER OF STATIONERY AND
PRINTING, MADRAS, ON BEHALF OF THE
GOVERNMENT OF MADRAS.
1958

Price, 10 rupees 15 naye Paise.

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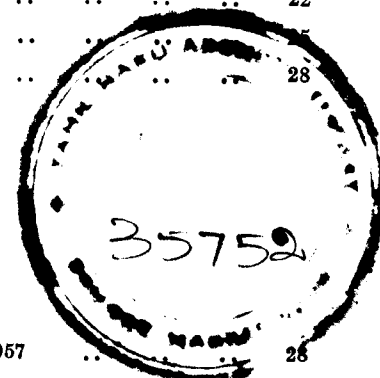
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GUIDE TO THE REPORT.

The form of the Administration Report relating to the Department has been modified and presented in a different method during this year. A guide to this revised form is given below.

Details of the Department's activities are given in ten sections in this report. The activities are grouped generally on a functional basis.

Section I of the report gives the departmental activities in general. Operation of the systems is the subject of Section II where production, purchase and delivery of power during the year is discussed in a narrative form. This also covers the maintenance works carried out in the various generating stations, lines and sub-stations. The financial particulars relating to the Department is dealt with in Section III. The Department's balance sheets, statements of operations and maintenance, expenditures on capital works and investments, etc., are found in this section. These statements are supported in the appendices by detailed schedules of fixed assets, individual reserve accounts and statements of cost of power.

The activities of the construction, engineering and technical branches are discussed in Section IV. This gives details about the major projects in progress, transmission lines and sub-stations under construction, technical branch activities and investigation of new schemes, etc.

Section V deals with Rural Electrification works in this Department. This also includes departmental works in Community Projects, Community Development Blocks and National Extension Services areas. Section VI deals with Research and Testing activities. The details of work turned out in testing laboratories in the various systems and works carried out by the Special Maintenance Organization are included in this section. The activities of Mettur Workshops also find a place here.

The next Section VII contains reports on the Licensees Electrical Undertakings and Inspectorate.

Personnel administration is discussed at Section VIII while the Programme for 1957-58 of the Department forms Section IX.

Appendices form the tenth and final section of the report.

Besides grid map, photos and charts are also included in the appropriate places for which indication is also given separately.

SCALE IN MILES:-



SCALE IN MILES:-

SCALE IN MILES:-



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ADMINISTRATION REPORT OF THE ELECTRICITY DEPARTMENT FOR THE YEAR 1956-57.

SECTION 1—GENERAL.

The report under review is the 30th annual report of the Electricity Department covering the record of progress during 1956-57. The department has been in existence for the past thirty years and is in charge of generation, transmission and distribution of electric energy in the State. The generation and transmission of power are done entirely by the department while the distribution is done mostly by the department and partly by the licensees' undertakings.

Consequent on the States Reorganization Act, 1956, coming into force with effect from 1st November 1956 (i) the territories of Malabar district and Kasargod taluk of South Kanara district have gone over to the new Kerala State; (ii) the Kollegal taluk from Coimbatore district and the whole of the South Kanara district have been transferred to the new Mysore State and (iii) the territories included in the Agastheeswaram, Thovala, Kalkulam and Vilavankode taluks which formed a separate district known as "Kanyakumari District" and Shencottah taluk of the Travancore-Cochin State have been transferred to the Madras State. These transferred territories come within the jurisdiction of the Superintending Engineer, Papanasam Electricity System.

The grid map on the frontispiece indicates the existing power stations, interconnecting the important transmission lines down to 33 KV. and sub-stations. The lines under execution, those likely to materialize by 1961 and future extensions are also marked in the grid.

For the financial and administrative purposes the department is divided into ten circles each under the control of a Superintending Engineer. In addition to the above, there are two circles each under the control of a Superintending Engineer, one on the electrical side and other on the civil side directly under the Chief Engineer for Electricity, for engineering, designs and co-ordination of the various schemes and projects. A chart showing the details of the departmental organization is given in the section 8.

Supply of power to consumers is extended to all cases where the estimated annual revenue from the service is equal to or more than 10 per cent of the capital investment. In certain cases supply is also extended after obtaining special guarantee from the consumer if the annual anticipated revenue is less than 10 per cent of the capital investment. Agricultural pumping loads are given preference to other loads.

The department has been self-supporting for the past several years including the year under review. After meeting all the operation and maintenance, depreciation and special reserve, interest charges, etc., there was a surplus of 1.1 per cent on the capital outlay.

During the year under review which is the first year of the Second Five-Year Plan, the capital expenditure on projects and extensions totalled to Rs. 1,847.1 lakhs which is a record figure in the present Madras State.

The gross and net revenue earned by the department rose to Rs. 813 lakhs and Rs. 303 lakhs from Rs. 703.08 lakhs and Rs. 253 lakhs respectively indicating an increase of 15.6 per cent and 19.8 per cent respectively.

The installed capacity and the dependable peak capacity of the grid continued to be the same as last year as no new station or additional unit in an existing station was brought into commission during the year. The power demand of the grid however rose from 208.62 MW. to 233.85 MW. during the year registering an increase of 12.1 per cent. The energy generated was 1,135.20 million units which was 8 per cent higher than last year's generation.

A graph showing hydro and thermal power generated in Madras State from the inception of the department (i.e., from 1932 to 1957) faces this page. Two charts showing power generation and power utilization in this State during 1956-57 are given in the opposite page.

Rural Electrification activities continued to receive considerable impetus. Electricity was extended to 1,279 villages and towns and 12,553 pumpsets were connected up in the State during the year which is a record achievement in the history of the department. The total number of villages and towns electrified and pumpsets connected up in the State come to 5,257 and 45,173 respectively.

The route mileage of Government transmission and distribution net work increased by 4,021.528 miles during the year recording an increase of 14 per cent.

The total number of consumers during the year rose from 4.22 lakhs to 4.59 lakhs.

During the year, the project works at the following places were in good progress :—

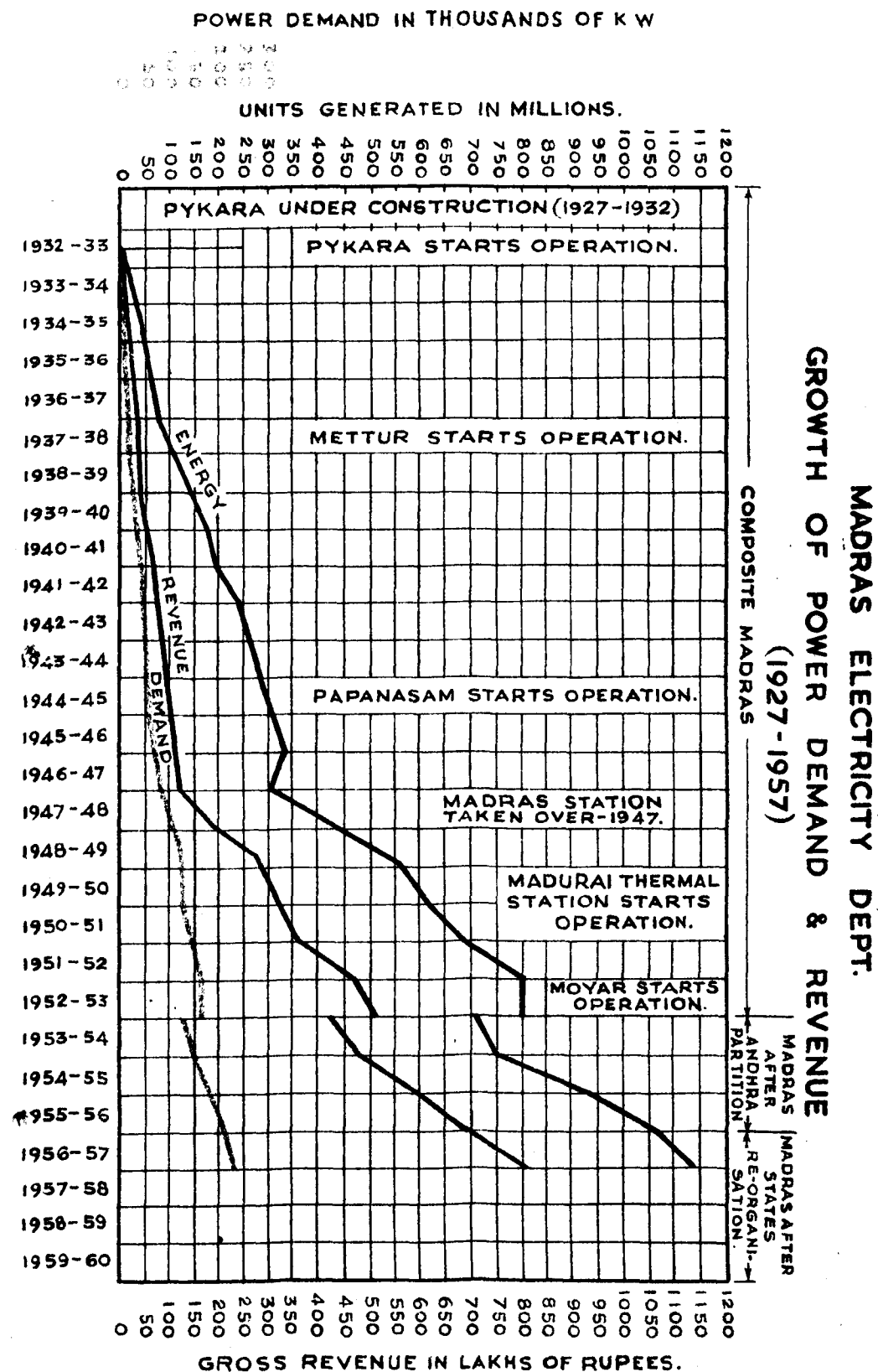
(i) Basin Bridge in Madras, (ii) Periyar in Madurai and (iii) Kundah in the Nilgiris districts.

At Basin Bridge the 'C' station works continued to progress. The parts for two numbers 150,000 lbs per hour Boilers have been received at site. The erection of two numbers 150,000 lbs. per hour boiler was taken up and 33.5 per cent of works has been completed. The turbo alternator components have started arriving at site now.

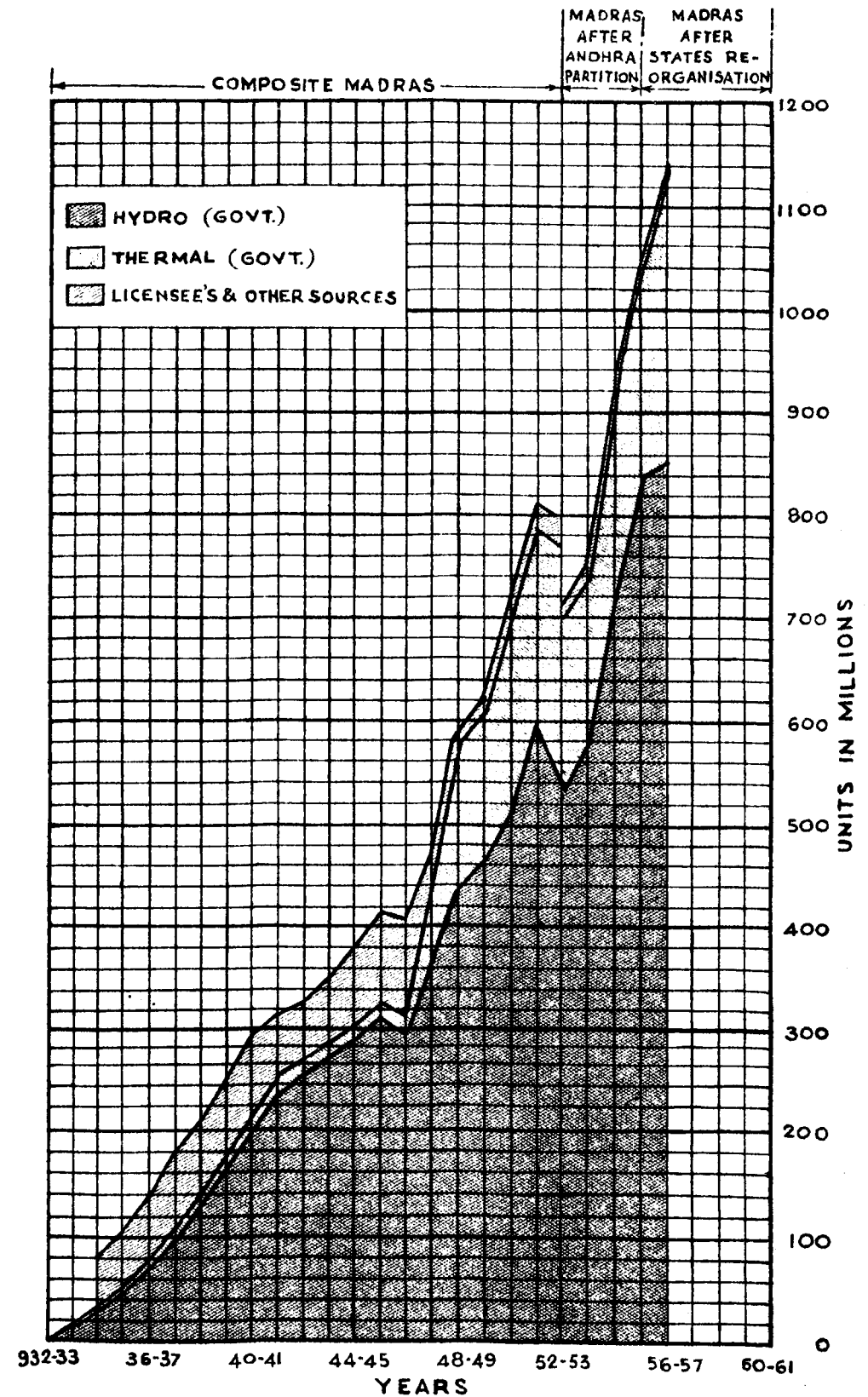
At Periyar the excavation for both the Power House and dam were completed during the year. Masonry work on the dam was commenced. The tunnel works on the power house side were nearing completion. The irrigation tunnel widening was almost over and the bad patches in the above tunnel have been proposed to be lined with R.C.C. The Japanese penstock pipes started arriving during the year and they were under erection.

At Kundah, the scheme was inaugurated during the year by Sri C. D. Deshmukh, Finance Minister of Union Government. The project works at four dams' sites, 2 power houses, 2 tunnels, 2 penstocks slopes were all taken up simultaneously and are well underway.

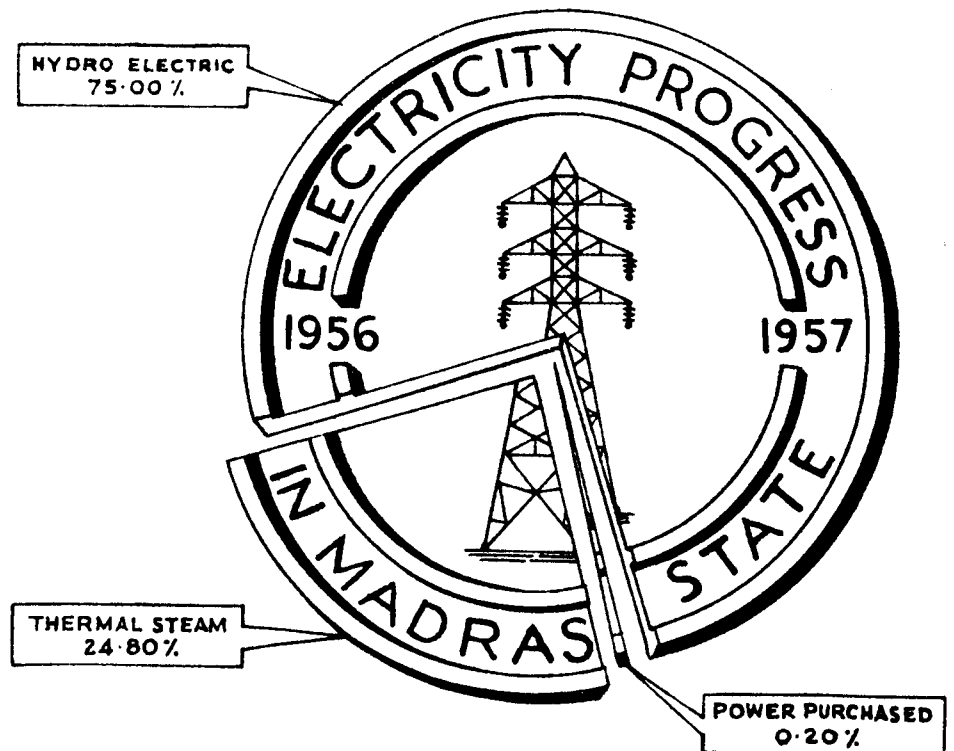
Acknowledgment.—We are grateful to the Government of Canada and the Government of India particularly the Ministry of Finance and Sri C. V. Narasimhan (the then Joint Secretary) who strove hard in India as also in Canada to place Kundah scheme on the list of schemes to receive and under the Colombo Plan to the extent of 20 million dollars or about 10 crores of rupees.



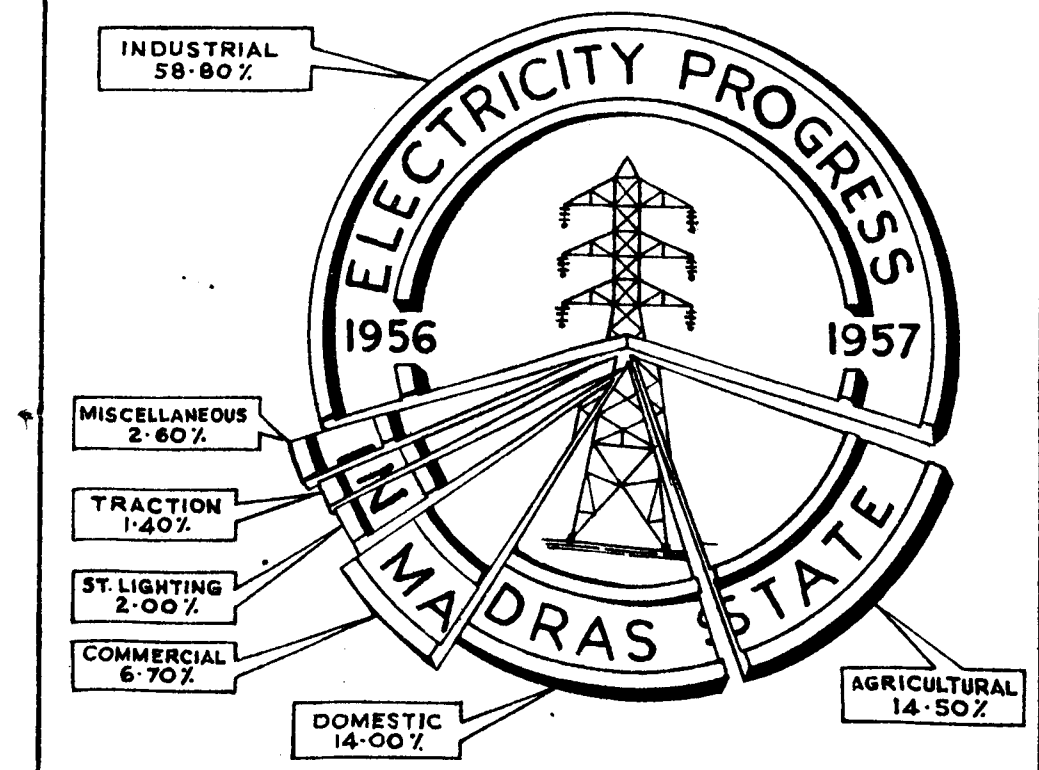
HYDRO & THERMAL POWER GENERATED IN MADRAS STATE 1932-1957



GENERATION 1956-57



UTILISATION 1956-57



The thanks of the department are also due to the Director-General, India Store Department, London, Central Water and Power Commission, Simla, and other Central authorities for their valued help during the year. Thanks are also due to the Posts and Telegraphs Department, Messrs. Montreal Engineering Company, Canada, and the several contracting firms who assisted this department in its various activities.

Appreciation of the hard and willing work put in by all the members of the department notwithstanding difficult living conditions is hereby recorded.

It is with deep regret we record the death of Sri G. Sundaram who was Chief Engineer of the department from 1944 to 1952 and Consulting Engineer from 1952 to 1956.

V. P. APPADURAI,
Chief Engineer for Electricity.

SECTION 2—OPERATION OF THE SYSTEM.

The four Hydro stations—Pykara, Moyar, Mettur and Papanasam and one Thermal Station at Samayanallur were in charge of the Generation Circle at Erode and Thermal generating station at Basin Bridge was under the control of a separate Superintending Engineer. All these stations were interconnected through the E.H.T. lines and the Operating Systems continued to function satisfactorily. The Transmission and Distributions in the State were divided in four units and each was under the control of one Superintending Engineer.

The demand for power for industrial and agricultural purposes continued to be on the increase. The aggregate of power demand on the Government systems was 233.85 MW. comprising 188.85 MW. generated from Hydro Systems and 45.0 MW. from Thermal stations and the units generated 1,136.06 millions (including power purchased from Mysore, etc.) as against 1,054.53 million units during the previous year.

Unrestricted supply in all the areas of the grid was maintained during the year under review except for a short period during summer from 1st April 1956 to 29th June 1956. Due to inadequate storage in hydel reservoirs, a cut of 25 per cent in power supply on all non-essential loads was imposed with effect from 1st April 1956. The cut in consumption was thereafter increased to 50 per cent from 30th April 1956 and to 66 per cent from 21st May 1956. Subsequently the cut was reduced to 50 per cent from 1st June 1956 and to 25 per cent from 7th June 1956. Consequent on good inflows at Pykara Dam and Mukurthi Reservoir, the cut was entirely removed on 29th June 1956.

The storage position in all the hydel reservoirs was not very satisfactory at the commencement of the year. Due to a spell of good rains during June 1956 the inflows into the reservoirs improved. The South-west Monsoon was very active in the Pykara and Mettur catchment areas, with the result, the Pykara, Mukurthi and Mettur Reservoirs were practically full at the end of second quarter of the year. The same was not the case with regard to the Papanasam Reservoir. The South-west Monsoon was not very active except for a short period during July 1956, when there were fairly good inflows. The North-east Monsoon was also a failure and the inflows into the Papanasam Reservoir were very unsatisfactory. The lake had also to be depleted during August and September 1956 to meet demands for Irrigation purposes.

A total thermal relief of 87.9 million units (Madurai 50.6 plus Madras 37.3) was availed against the total demand of 915.8655 million units of the Hydro areas.

The Madurai-Coimbatore 110 KV. line was charged on 11th May 1956 and the stations, Papanasam-Samayanallur were running in parallel with other stations of the grid on this feeder availing maximum relief from Pykara and Moyar.

The Pykara Dam which was under construction during the previous year was taken over from the Construction Branch in August 1956 and was being maintained satisfactorily. The new III-5 MVA. transformer was erected at Singara Power House and energised at 66 KV. The work of installation of Power line carrier communication equipments at Pykara, Moyar, Mettur Power Houses and at Erode sub-station was taken up and completed and communication was established.

The Moyar Power House had to be shut down during the period 16th May 1956 to 19th May 1956 due to breach in Moyar flume channel. The breach was closed on 19th May 1956 carrying out temporary repairs. Permanent repairs were done subsequently.

At Mettur Power House the Mulsifyre Protection works were under execution by the suppliers. Three numbers 1000 KVA/66/22 KV. transformers at Erode sub-station were replaced by three numbers 3000 KVA. ones.

At Samayanallur Power House the acid cleaning of the 4 MW. set condenser was carried out during September 1956 and January 1957 and that of the 10 MW. set condenser, during August 1956 and February 1957.

Changes in transformation and transmission arrangements made in all systems during the year contributed to improve operating conditions. Thirty-nine numbers transformers making a total capacity of 210,250 KVA. were assembled and erected at the various sub-stations in the Hydro areas.

The operation and maintenance of power stations "A" and "B" at Basin Bridge (Madras System) were generally satisfactory during the year. When generator No. 2 in "B" station was taken up for overhaul in July 1956 cracks were observed in the L.P. casing. This was repaired by the suppliers and the set was commissioned back in December 1956. Generator No. 4 in "A" station was shut down for III Stage works and was not in service throughout the year. During March 1957 the economiser of No. 9 boiler in "A" station was leaking badly and this boiler was put on range after rectification. Next day the same boiler had to be let down due to the bursting of one of the tubes. Since then, the boiler had been out of service for renewal of tubes, etc. The peak load of "A" and "B" stations for the year under review was 20.9 MW. and 28.5 MW. respectively.

Cooling tower No. 1 was released on 1st August 1956 for internal guniting work. The work of guniting, painting the inside of tower and provision of lightning protection for cooling tower were completed and the tower commissioned back into service on 28th February 1957. The other two natural Draught towers were generally in satisfactory service. The internal guniting of 6 Nos. filter beds were completed during the year.

The supply position of coal to Basin Bridge Power House was not quite satisfactory, the main bottleneck being difficulty in allotment of sufficient number of wagons for movement of coal from Bengal area. Continuous efforts were however being made to get more allotment of wagons by contacting concerned authorities.

The coal position at Madurai Thermal Station at the end of the year was fairly satisfactory and efforts were made to augment supplies to build up stocks sufficient to run the station at full load continuously during the summer months.

Load conditions.—The peak load of the systems reached 233.85 MW. recording an increase of 12.1 per cent over the 1955-56 figure of 208.82 MW.

The energy generated rose to 1,135.20 millions units from 1,054.67 million units which recorded an increase of 8 per cent.

The load conditions in all the areas of the grid have increased considerably making it difficult to avail shut down of generating units and lines, etc., for purposes of even normal maintenance.

Details of generation and consumption in each system for 1956-57 are furnished below :—

Name of the System or Power Station.	Year of operation.	System demand in MW.	Percentage of increase in demand over last year.	System consumption in million units.	Station demand in MW.	Total generation in million units for the year.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Hydro areas—						
Pykara System ..	Twenty-fourth ..	79.5	11.6	369.21	73.0	365.91
Moyar ..	Fifth ..	..	..	..	39.6	147.96
Mettur System ..	Twentieth ..	73.65	6	381.36	43.7	253.93
Papanasam System ..	Thirteenth ..	35.7	25.2	164.82	28.0	84.53
Madurai Thermal Station.	Seventh ..	..	..	..	13.8	50.58
Total ..		188.85	12.2	915.39	197.5	902.91
Thermal area—						
Madras System ..	Tenth ..	45.0	16.5	..	49.4	232.29
Grand total ..		233.85	12.2	915.39	246.9	1,135.20

The details of load growth in each system, their connected load details are given in Appendix Q. Madras afforded relief to hydro systems from April 1956 to June 1956 when the water storage was poor. Thereafter with improved water inflows into Hydro station reservoirs, Madras commenced importing energy from the Hydro Systems conserving coal. From January 1957 again Madras commenced exporting energy to the Hydro systems.

Units exported to the Hydro systems during the year .. 37.879 millions.
Units imported from the Hydro areas during the year .. 30.312 millions.

Lines.—The route mileage of Government transmission and distribution net work increased by 1,605.825 miles of H.T. and 2,415.703 miles of L.T. lines during the year. The total miles of high tension and low tension lines in each system at the end of the year are furnished below :—

Name of System/Circle.	Number of route miles.	
	High-tension.	Low-tension.
1 Pykara ..	2,389.59	4,143.905
2 Mettur ..	2,938.70	2,902.232
3 Papanasam ..	1,063.7282	2,444.0542
4 Madras ..	1,283.466	1,500.594
5 Generation Circle, Erode ..	454.41	15.050
Total ..	9,064.9032	11,005.8352

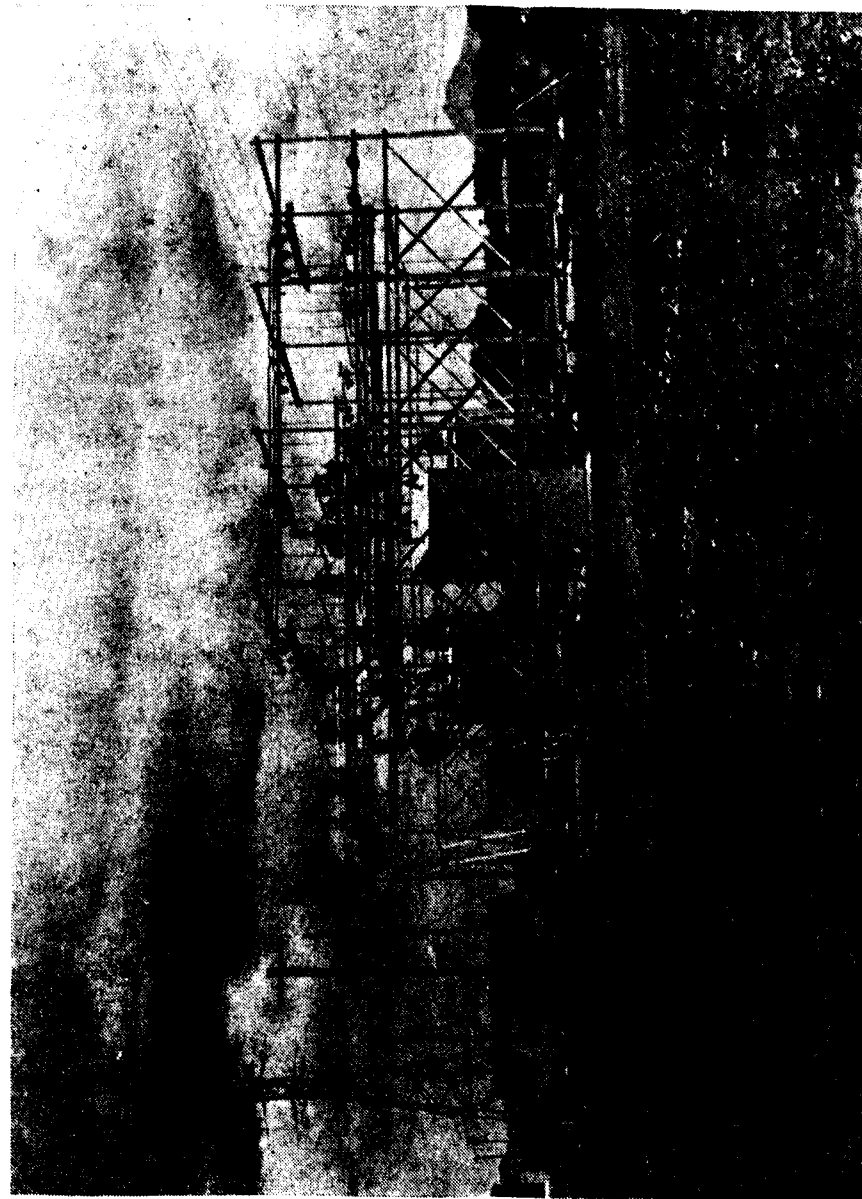
The details of transmission lines with their voltages, etc., in each systems are furnished in Appendix S.

Salient features in Distribution Systems.—The following were the salient features in the Distribution Systems :—

Pykara System.—Seven miles of 33 KV. line from Ingur to Palayakottai with a railway crossing near Ingur Railway station was completed.

The III Circuit 22 KV. feeder from Coimbatore to Kovilpalayam was completed and energised. The permanent Singanallur sub-station with one number 5 MVA. 66/11 KV. transformer was commissioned in February 1957.

Somanur and Oddanchatram 66 KV. sub-station, Avinashi and Satyamangalam 33 KV. sub-station were commissioned during the year.



ODDANCHATRAM 66 K.V./22 K.V.S.S.

ADMINISTRATION REPORT OF THE

bills amounting to Rs. 922 lakhs were checked and payments made during the year.

The following table gives the financial position of the department as on 31st March 1957 :—

	RUPEES IN LAKHS.		RUPEES IN LAKHS.
1 Fixed assets in operation ..	5,240	1 Capital investment ..	4,499
2 Fixed assets in construction ..	796	2 Reserves for depreciation and Special Reserve Funds.	875
3 Stores ..	698	3 Accounts payable, suppliers ..	301
4 Accounts Receivable ..	417	4 " " others ..	210
5 Investments ..	861	5 Net surplus (without deducting interest.)	2,139
6 Cash ..	12		
Total ..	8,024	Total ..	8,024

The details of revenue receipts and working expenses of the department for 1956-57 were as under :—

Working expenses.	RUPEES IN LAKHS.	Gross receipts.	RUPEES IN LAKHS.
To Generation ..	141.76	By Domestic light and power ..	177.91
„ Transmission ..	17.08	„ Commercial light and power ..	35.98
„ Distribution ..	51.72	„ Street lights ..	19.42
„ Commercial ..	8.39	„ Industrial ..	170.96
„ Cost of power purchased ..	107.13	„ Agricultural ..	87.67
„ Administration and General charges.	18.07	„ Traction ..	13.25
„ Contribution to Reserve Funds..	165.84	„ Bulk supply to licensees ..	105.97
„ Excess receipts over expenditure.	303.44	„ Government departments ..	14.30
		„ Miscellaneous and sales ..	14.23
		Total ..	639.69
		„ Sales to other systems ..	107.18
		Total sale of power ..	746.82
		„ Miscellaneous revenue ..	41.39
		Total ..	788.21
		„ Interest on securities ..	25.22
Grand total ..	813.43	Grand total ..	813.44
To Interest on capital ..	237.47	By Net revenue ..	303.44
„ Net surplus ..	65.97		
	303.44		303.44

The interest chargeable to operation during the year at 5.25 per cent works out to Rs. 237 lakhs and that chargeable to construction works out to Rs. 52 lakhs.

The interest accumulation to end of 1955-56 amounted to Rs. 1,373 lakhs.

Comparative statements of the elements of Operation and Maintenance expenses of the Department in relation to units generated and revenue earned are given in separate statements—vide appendices C₁ to C₃.

Revision of tariff.—The Tariff Revision Committee, finalized and submitted its recommendation. This report was examined and submitted to Government with the recommendation for the revision of tariff. Orders of Government are awaited.

Reorganization of States.—Consequent on reorganization of States with effect from 1st November 1956, the area comprising Kanyakumari district which was within the Travancore-Cochin State had been taken over by Madras State and Malabar, South Kanara and Kollegal taluk have been transferred to Travancore-Cochin and Mysore States respectively. The apportionment of assets in the area taken over and transferred will be brought to accounts on receipt of the final orders of Government.

Stores.—There were 66 stores (8 central and 58 sub-stores) with materials worth Rs. 698 lakhs. The stores were verified by an independent unit of Stock verifiers during the year. A statement showing the reserve limit of stocks in each System/Circle and actuals is given below :—

Name of system.	Number of stores.		Reserve limit of stock. RS. IN LAKHS.	Actuals.
	Central stores.	Sub stores.		
Pykara	1	7	110	96.76
Mettur	1	15	185	171.92
Papana ^s am	1	12	134	102.33
Erode (Generation)	..	5	45	37.64
Madras—				
Distribution	1	14	230	221.61
Generation	1	1		
General Construction Circle	..	3	30	20.22
Periyar	1	..	15	13.88
Kundah	2	1	40	33.55
Total	8	58	782	697.91

The balance sheet showing the commercial operation of the department as at March 1956 is given in Appendix J.

SECTION 4—ENGINEERING AND CONSTRUCTION.

PROJECTS IN PROGRESS.

I. Madras Plant Extensions.

Location—Madras City.

Generation capacity—60,000 K.W.

Steam raising plant—

(a) Five numbers 80,000 lbs. per hour boilers (425 lbs./sq. inch and 775° F.).

(b) Two numbers 150,000 lbs. per hour boilers (900 lbs./sq. inch and 925° F.).

Estimate cost—Rs. 856 lakhs.

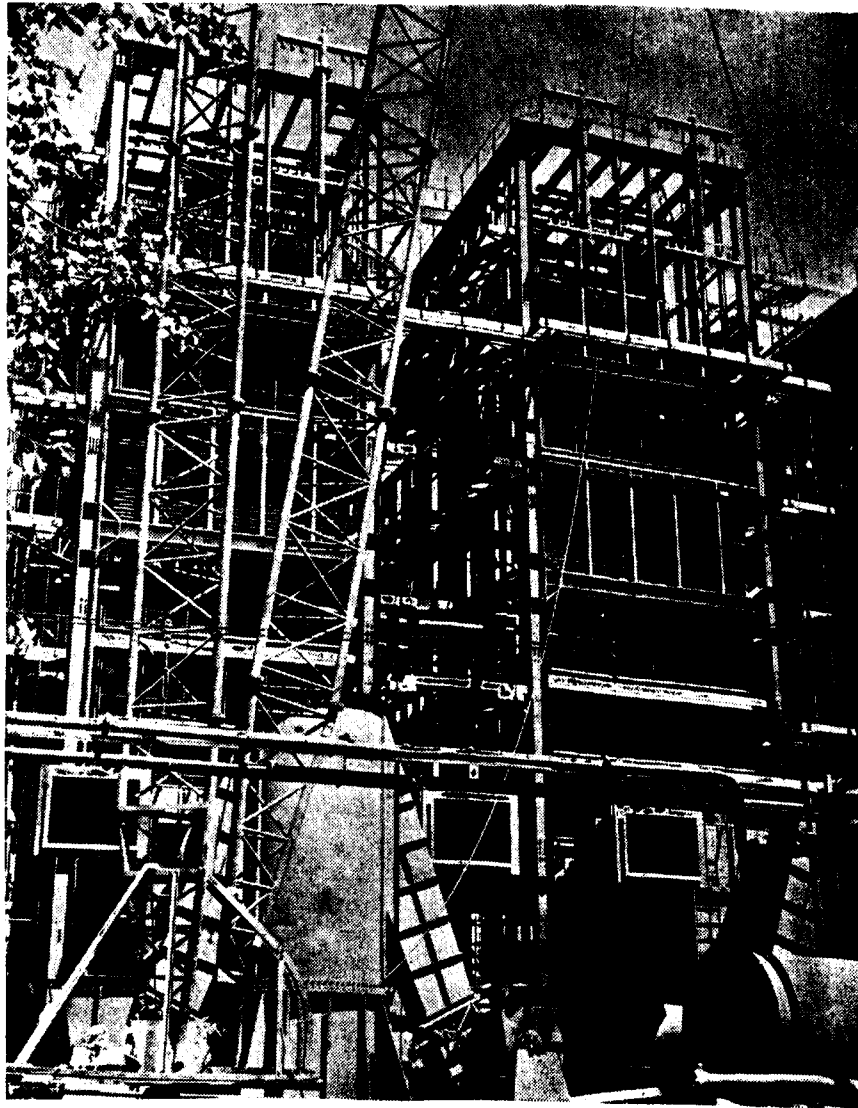
Inservice schedule—1957-58.

One 15,000 K.W. unit under the first stage and another unit of 15,000 K.W. under the second stage with 4 numbers 80,000 lbs./hour boilers were commissioned during the first plan period itself. During the year the erection of the fifth boiler under the second stage extension was completed.

Under third stage works, one number 30,000 K.W. turbo alternator and 2 numbers 150,000 lbs. per hour boilers and connected pipe work, switchgear and cables are to be erected. A portion on the eastern side of the existing old 'A' station was dismantled to accommodate the third stage extensions.

Construction of the foundation slab for the power-house was completed and other civil works including the erection of cooling tower were under progress.

Erection of the boilers was commenced on 12th November 1956 and about 34 per cent of the erection was completed by the end of the year under review. About 75 per cent of materials have arrived at site and the balance have been shipped. Part consignments of the turbo alternator set have started arriving at site.



BASIN BRIDGE 'C' STATION 150,000 LBS./PER HOUR BOILERS UNDER ERECTION.

II. Periyar Hydro-Electric Scheme.

Location—Six miles from Gudalur village in Madurai district.

Installed capacity—

105,000 KW. (Initial).

140,000 KW. (Ultimate).

Gross head—1,263 feet.

Inservice schedule—1958/59

Estimated cost—Rs. 10.09 crores.

Roads and camps.—All roads within the project site as also the temporary and permanent buildings were completed early in the year.

Irrigation tunnel.—On resuming work during irrigation closure season, widening of the old tunnel (constructed in 1896) and concrete lining were taken up. Gate parts were received at site from Germany and are to be erected shortly.

Forebay dam.—In the forebay dam, excavation for foundation, drilling and grouting were completed. About 25 per cent of masonry building was completed. Parts of the gates ordered on Messrs. M. A. N. Germany were received at site for erection.

Power tunnel.—Excavation of the 3,992 feet long power tunnel and 180 feet pipe tunnel and sinking of a surge shaft of 40 feet diameter and 150 feet high were completed. Cement concreting of the power tunnel and pipe tunnel was nearing completion.

Penstocks.—Grading of penstock was completed. About 3,000 tons of penstock pipes ordered from Japan were received and transported to site. The erection of pipes was commenced by end of January 1957 and the progress of work is as per Schedule.

Power-house and transformer yard.—Excavation for power-house machine foundation was completed and concreting was in progress. Excavation for structure in yard was completed and excavation of cable ducts and for structures was under progress. Excavation in diversion channel was completed.

All equipments required for the above project have been ordered. During the year the Chief Engineer for Electricity visited the factories in Germany to settle all outstanding points and expedite the delivery of turbines and generators.

III. Kundah Hydro-Electric Scheme.

Location—

Power House I—at Kundah palem about 20 miles from Ootacamund.

Power House II—on the left bank of Pegumbahalla at about 26 miles from Ootacamund.

Installed capacity—

Power House I—

40,000 (Initial).

60,000 (Ultimate).

Power House II—

140,000 (Initial).

175,000 (Ultimate).

Rated head—

Power House I—1,180 feet.

Power House II—2,470 feet.



PERIYAR POWER HOUSE MAIN AREA.



PERIYAR PENSTOCK BRIDGE FACING DOWN WITH PENSTOCK PIPES.



PERIYAR FOREBAY DAM



KUNDAH INAUGURATION VIEWS.

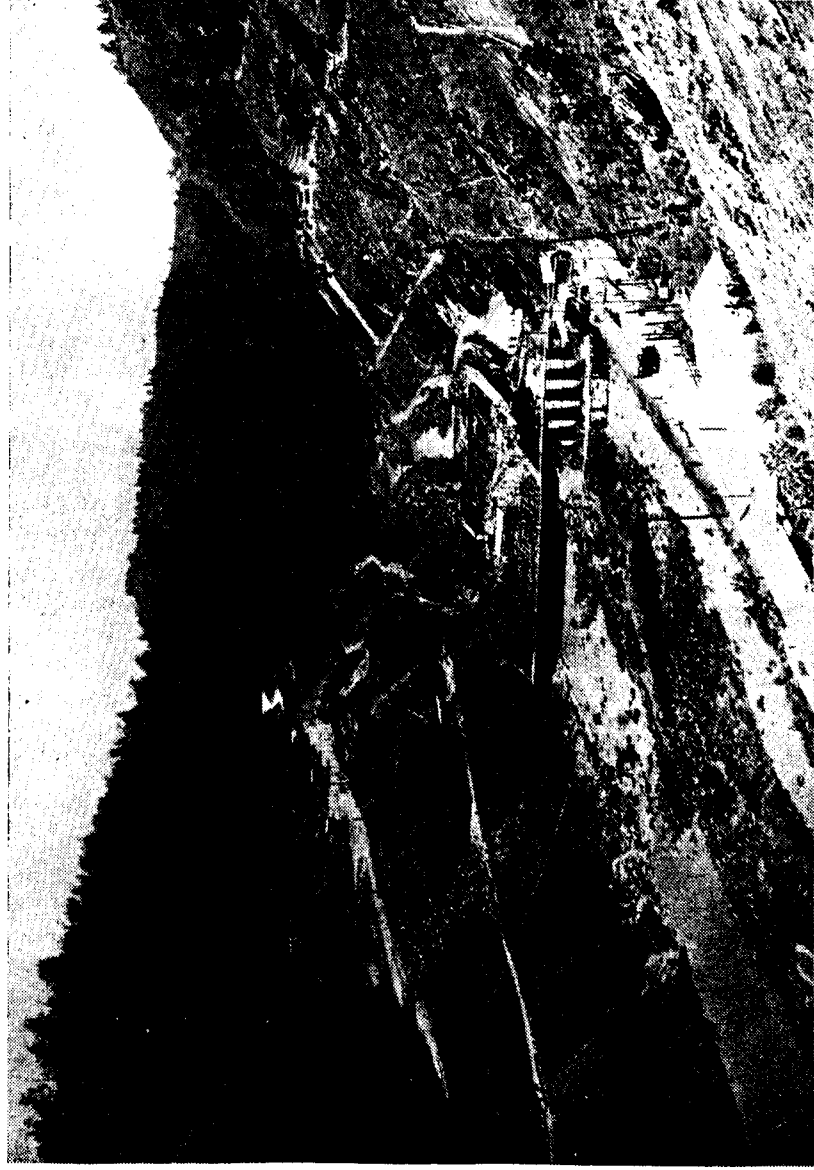


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EMERALD DAM.—VIEW TAKEN FROM RIGHT FLANK SHOWING THE DETAILS OF LEFT FLANK EXCAVATION,
BUBBLE DUMPS CRUSHER AND DUMPS AND LEFT FLANK QUARRY.



AVALANCHE DAM.—VIEW OF THE RIGHT FLANK, LEFT FLANK AND CENTRAL COFFEY DAM VIEWED FROM D S. SIDE.



4. 5/57.—VIEW SHOWING THE EXCAVATION FOR FOREBAY DAM IN THE LEFT FLANK AND OOTY-KUNDAH MAIN ROAD.
THE UPSTREAM COFFER DAM AND DIVIDING WALL ARE ALSO SEEN. VIEW FROM UPSTREAM SIDE.

Inservice schedule—1960-61.

Estimated cost—Rs. 35.44 crores.

The scheme was inaugurated on 29th June 1956 by Sri C. D. Deshmukh, Union Finance Minister. The scheme is getting Canadian aid to the tune of 20 million dollars or about 10 crores of rupees by way of machinery and materials from Canada under the Colombo Plan.

During May 1957 a deputation consisting of Sri C. V. Narasimhan, I.C.S., Joint Secretary, Ministry of Finance, Department of Economic Affairs and Sri V. P. Appadurai, Chief Engineer for Electricity, went to Canada to negotiate the Canadian Aid. An agreement was signed between the Government of Canada and Government of India and Government of Madras at Delhi on 29th December 1956. The Madras Government was represented by the Minister, Sri M. Bhakthavatsalam.

Roads and camps.—Formation of feeder roads and erection of temporary and permanent quarters were under various stages of progress. Formation of the Karamadai-Pegumbahallah camp road—Pegumbahallah camp to Kundah camp which will be used for the transport of machinery for the power-houses was under progress.

Dams.—Preliminary investigation in Upper Bhavani dam was in progress.

Coffer dams at Emerald, Avalanche and Kundah Forebay dams were completed and excavation for foundations was in various stages of progress.

Tunnels.—The contract for tunnel No. 1 was awarded to Messrs. Gannan Dunkerley Company and preliminary works have been completed. Tenders have been called for for the second tunnel and also for the interconnecting tunnel.

Penstocks.—Grading of both the penstocks was under progress.

Power Houses.—Power House No. 1 and Transformer yard—70 per cent of the excavation of the power-house and transformer yard No. 1 has been completed.

Power House No. 2—Excavation for the foundation is under progress.

During December 1956 the Chief Engineer for Electricity had been to Canada to place orders for the gates, penstocks (6,000 tons of steel) and generating machinery required for both the power houses. Some of the construction machinery like air compressors have already arrived at site.

Transmission lines.—During the year the following transmission lines were completed :—

- (i) Singarappet-Villupuram 110 KV. line.
- (ii) Singarappet-Vellore 66 KV. line.
- (iii) Theni-Sembatti 110 KV. line.

Work on the following lines were in various stages of progress :—

- (1) Periyar Hydro-Electric Scheme—
 - (i) Periyar-Theni-Madurai 110 KV. D.C. line.
 - (ii) Sembatti-Trichy 110 KV. D.C. line.
 - (iii) Sembatti-Karur 66 KV. single circuit line.
- (2) Neyveli-Villupuram 110 KV. line.
- (3) Villupuram-Pondicherry 66 KV. line.
- (4) Villivakkam-Villupuram 110 KV. line.
- (5) Singarappet-Villivakkam 110 KV. line.
- (6) Salem-Attur-Neyveli 110 KV. line.

SUB-STATIONS.

Tiruchirappalli sub-station.—Two numbers (110 KV./66 KV.) MVA. at transformers were commissioned on 9th March 1957 and this had improved voltage regulations considerably.

Rasipuram sub-station.—The station with two 4 MVA. transformers was energised on 5th December 1956.

Namakkal sub-station.—The station with one 4,000 KVA. 110/22-11 K transformer went into commercial service on 7th December 1956. A 110 K fault throw switch first of its kind in the department takes the place of O.C.B. at this station for controlling the power transformers.

Theni sub-station.—A 5 MVA. 110/22 KV. transformer has been erected and will be energised shortly.

Sembatti sub-station.—The structure work at this station has just been commenced.

Pasumalai sub-station.—All structures on 110 KV. and 66 KV. side were erected except for the incoming 110 KV. feeders from Periyar-Theni.

Villupuram sub-station.—Two 12 MVA. Autos were energised and commissioned with their associated breakers.

Pondicherry sub-station.—R.C.C. structure work was completed and erection work has just been commenced.

Vellore sub-station.—The works at this station were nearing completion.

Singarappet sub-station.—The following works were completed :—

A 110 KV. Westinghouse O.C.B. to control the new 110 KV. line from Singarappet to Villupuram sub-station was erected.

Accidents.—Five non-electrical accidents in the General Construction Circle and sixteen accidents in the Generation Circle, Madras Electricity System, occurred during the year and compensation amounting to Rs. 3,76 was sanctioned.

TECHNICAL SECTION.

The technical branch comprising two circles, one electrical and the other civil, continued to be very busy with the preparation of designs, estimation of technical problems, investigations and hydro-metric surveys, preparation of Scheme reports, issue of specifications, scrutiny of tenders and awarding of contracts for sanctioned works, etc. The most important amongst them are detailed below :—

Technical details and salient features of the Kundah Hydro-Electric Scheme were furnished to the Canadian consultants, viz., Messrs. Montreal Engineering Company, Limited. The various specifications prepared by them were discussed by the Chief Engineer for Electricity at Montreal and were approved. The extra aid required for the various transmission lines under the Kundah scheme was worked out and proposals were submitted for procuring the extra aid of 6 million dollars for this purpose.

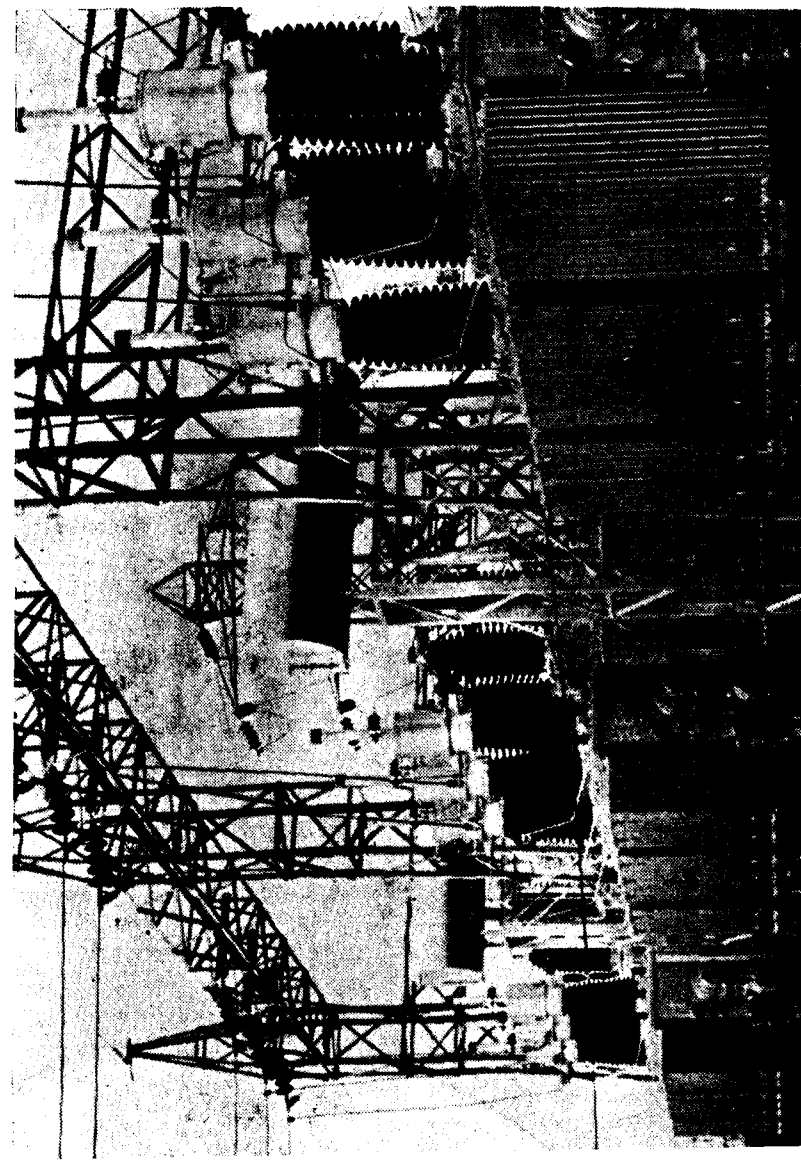
I. Scheme reports prepared and sent to Government for sanction.—

- (1) Scheme report for Railway Electrification Rs. 357.209 lakhs.
- (2) Periyar-Kayathar-Arumuganeri 110 KV. extensions.

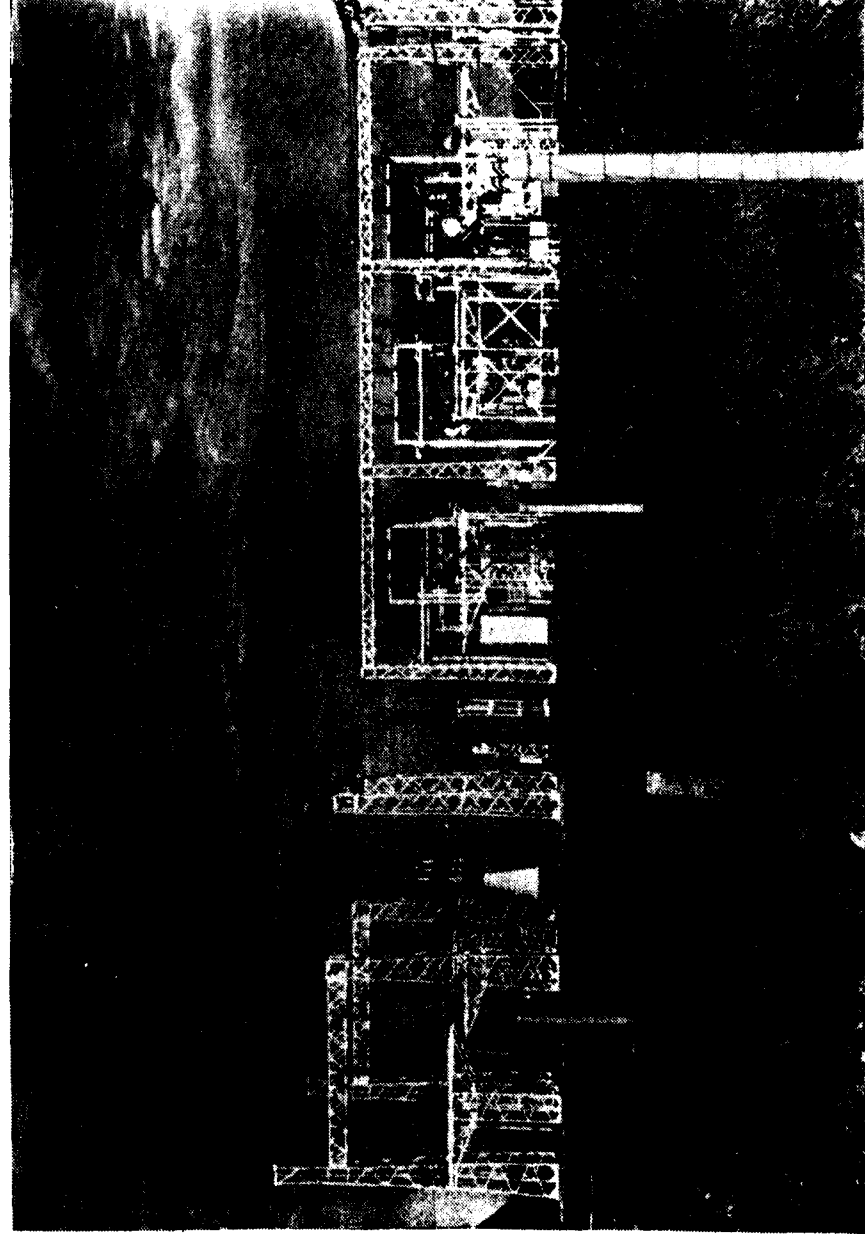
II. New schemes for which sanction has been obtained.—(1) Railway Electrification Rs. 357.209 lakhs.

(2) Singarappet-Kariamangalam Extensions.

(3) Kundah Hydro-Electric Scheme, Rs. 3,544.01 lakhs.



12 M.V.A. AUTOS AT TIRUCHIRAPPALLI SUB-STATION.



PAPANASAM ELECTRICITY SYSTEM, MELAKKALLUR 66/33-11 S.S.

Estimate for revised Periyar Scheme was technically sanctioned.

Fifty-six specifications were issued during the year.

Works relating to important contracts, for supply of machinery to Periyar Hydro-Electric Scheme, Madras, Plan Extensions, Kundah Hydro-Electric Scheme and contracts to Extra High Tension transmission lines and sub-stations were attended to by the technical branches.

Orders were placed for valves, gates, etc., for Rs. 8.19 lakhs for Periyar Hydro-Electric Scheme. For the Kundah Hydro-Electric Scheme construction machinery costing Rs. 17.24 lakhs were ordered during the year.

Two hundred and forty-six numbers purchase orders totalling Rs. 9.12 crores were issued for major line materials and for rural electrification works.

Purchase orders for other materials including spares were issued to the value of about Rs. 1.02 crores during the year.

Rural extensions.—Sixty-six major schemes estimated to cost Rs. 2.08 crores and 590 minor schemes estimated to cost Rs. 4.72 crores were sanctioned by Government.

Hydro-metric surveys.—Collection and compilation of rainfall and run-off figures of the various basins were continued. The number of rainfall stations in the department rose from 150 to 158 and river flow stations from 33 to 37.

Hydro-electric surveys.—Detailed scheme report with designs, drawings, etc., for Kumbar-Amaravathi scheme was under preparation.

For the Mettur Tunnel scheme, exploration works were in progress. The detailed scheme report was under finalisation.

Survey of dam and reservoir sites and exploration of various sites were being conducted for Palar-Porandalar scheme.

General.—During the year the Department participated in the Madras University Centenary Exhibition held in January and February 1957. The Department was awarded a gold medal and an "A" certificate by the University authorities for its exhibits.

Owing to shortage of foreign exchange, there were difficulties in getting the necessary import licence for line materials. This has been taken up with the Centre and all efforts are made to get the minimum requirements to keep the tempo of works at the same level.

SECTION 5—RURAL ELECTRIFICATION.

The present Madras State comprises of an area of 50,110 square miles and has as many as 19,217 villages and 286 towns. The State population is 29.97 millions, out of which 22.79 millions, i.e., 76 per cent live in villages. The Government of Madras have therefore been attaching considerable importance to rural electrification.

During the year supply was extended to 1,279 villages and towns by the Department and to 62 villages and towns by the licensees.

In departmental areas, a sum of Rs. 5.14 crores was spent during this year on rural electrification works.

The total number of villages and townships having electric supply at the end of 1956-57 was 5,014 and 243 respectively. One thousand five hundred and sixty-nine miles of H.T. lines and 1,860 miles of L.T. lines were erected during the year to extend supply to the above villages.

AGRICULTURAL DEVELOPMENT.

As in the previous years, top priority was given in giving supply to agricultural loads. During the year, 12,553 agricultural pumpsets were connected up by the department and 669 by the licensees. Details of agricultural services with their connected load in the different areas at the end of 1956-57 are given below:—

Name of system.	Number of services connected in 1956-57.	Connected load in KW.	Total number of services at the end of the year.	Total connected load in KW. at the end of the year 1956-57.
(1)	(2)	(3)	(4)	(5)
1 Pykara	4,045	16,338.8	16,482 *	71,877.470 *
2 Mettur	4,401	15,641	12,951 †	50,155 †
3 Papanasam	1,710	5,515	5,548 ‡	17,853 ‡
4 Madras	2,397	10,037	5,125	22,032.147
Total ..	12,553	47,530	40,106	161,917.617
Licensees distributing Government power.	669	2,822	5,067	25,736.767
Grand total ..	13,222	50,352	45,173	187,654.377 or 187,654.4

* Excludes the following items:—

Disconnections 149 pumpsets with a connected load of 589.890 KWs.

Transferred to Kerala 55 pumpsets with a connected load of 276.180 KWs.

Transferred to Mysore 79 pumpsets with a connected load of 226.150 KWs. and includes additional load of 327.868 KWs. effected to the existing services during 1956-57.

† Includes 127 pumpsets with a connected load of 451 KWs. taken over from the licensees during the year.

‡ Includes 84 pumpsets with a connected load of 203.811 KW. taken over from licensees.

Includes 3 pumpsets with a connected load of 14.920 KW. taken over from Nagercoil area.

Includes 40 pumpsets with a connected load of 98.5 KW. taken over from Shencottah area

and excludes 49 pumpsets with a connected load of 151.98 KWs. disconnected during the year.

Besides lighting and agriculture, electricity is put to use in the rural areas for the rice hulling, groundnut decorticating, oil-pressing, sugarcane crushing, tape weaving, etc. There are more than 2,500 such industries running on electricity.

DEVELOPMENT BLOCK AREAS.

The Government have been repeatedly stressing the importance of development works in the Community Projects, Community Development Blocks, National Extension Service areas and have ordered that all development departments should actively participate in these areas. This department has been given priority for works in their Development Blocks.

Two hundred and twenty-nine schemes were completed and 109 schemes were in different stages of progress during the year. An expenditure of 157.4 lakhs was incurred in these areas on extension works.

An abstract of the details of these schemes is given below:—

	Community Project.	Community Development Blocks.	National Extension Service Blocks.	Total.
	6 and 10 hamlets.	154 and 59 hamlets.	168 and 31 hamlets.	328 and 100 hamlets.
1 Number of villages benefited.	6	10	154	328
2 Schemes completed—				
Number	13	142	74	229
Estimated cost	Rs. 7,36,800	96,41,400	62,74,200	1,66,52,400
Expenditure incurred	39,200	47,73,800	33,68,000	81,81,000
3 Schemes in progress—				
Number	5	49	55	109
Estimated cost	Rs. 1,83,000	61,12,200	88,11,700	1,51,06,900
Expenditure incurred	83,400	30,69,300	44,11,800	75,64,500
Total expenditure on Development schemes during the year—	Rs. 1,57,45,500.			

The Central Government gave assistance to the tune of Rs. 3 crores for rural electrification schemes and Rs. 3.97 crores for the expansion of power facilities for increasing employment opportunities. Out of this a sum of Rs. 113.75 lakhs for Rural Electrification schemes and Rs. 193.45 lakhs for schemes for employment opportunities was spent till the beginning of the year. During the current year, a sum of Rs. 19.09 lakhs and Rs. 70.92 lakhs respectively have been spent out of these two loans on works.

In addition to the above, loans to the value of Rs. 8.97 were utilized for schemes in Community Projects and Community Development Blocks areas during the year.

Rural Electrification schemes costing about Rs. 743.33 lakhs were scrutinized and sent up for sanction during the year by the technical offices.

Six hundred and fifty-six schemes costing Rs. 6.8 crores were sanctioned during the year.

With a view to intensify the department activities further in rural areas, the investigation works in each system have been placed under an independent Divisional Engineer in each system. A target of schemes costing above Rs. 9.5 crores for investigation works was fixed for the year and this has been achieved.

SECTION 6—RESEARCH AND TESTING ACTIVITIES.

The department has a testing organization in each of the operating systems where all meters and relays are tested and repaired. Telephone equipments are also tested in these sections. For overhaul of transformer, circuit breakers, etc., a special maintenance organization is in existence in each system.

The meter and relay testing organization in the different operating systems continued to be busy as usual. During the year 108,143 meters and 626 relays were tested. Fifty-four numbers Power transformers with a total capacity of 86,450 KVA were transported and erected in the different stations in the department by the special maintenance subdivisions. 1,672 new distribution transformers were tested and used on works.

STANDARD LABORATORY.

Attached to the Electrical Inspectorate, there is a standard laboratory where sub-standards in the different systems and licensees are tested.

During the year, the following tests were carried out :—

Rotating sub-standard meters	...	...	...	...	...	367
Commercial meters and instruments	..	...	...	...	...	208
Transformer oil samples	...	...	...	...	...	19
Fire extinguishers	...	...	...	...	...	1,546
Horse-power tests of electric motors	...	..	...	...	...	1
Other tests	...	...	...	...	...	19
Laboratory tests	...	...	...	...	...	93
Total						2,193

Inspection tests—

Supply pressure tests	...	...	...	...	...	311
Meter tests	...	...	...	...	...	331
High voltage tests	...	...	...	...	...	56
Other test (complaint tests on two trivector meters, Salem).						2
Total						700

Out of 367 rotating sub-standard meters tested at the laboratory 271 were brought from the systems and the rest by the licensees.

In addition to the above, high pressure D.C. tests on the new extra high tension lines energised during the year were carried out at site by the standard laboratory. The 11 KV switch-gear erected at the different sub-stations in Madras were also tested at their locations before commissioning.

The total revenue of the laboratory during the year including the system payments was about Rs. 22,100.

Mettur Workshops—Tower manufacture and tower testing at Mettur.—About 1,000 tons of tower materials mostly for Sembatti-Tiruchirappalli 110 KV D.C. line were manufactured.

The tower-testing station at Mettur Workshops which was established in 1945 continued to be busy during the year. About 59 different types of transmission line towers were tested so far. Of these, 17 types of tower were tested on behalf of other State Governments, viz., Andhra, Uttar Pradesh, Punjab, Orissa and Travancore.

Two numbers 35-ton transformers trucks were fabricated and supplied.

The total outturn of the workshops was Rs. 53.39 lakhs as per details given below :—

					Tons.	Cost.
						RS. LAKHS.
1	Tower materials	..	..	..	1,000	10.46
2	Line materials	..	..	..	3,746	42.93
Total					4,746	53.39

The labour strength during April 1956 was 868 and reached 982 in March 1957.

In spite of the increase in production at Mettur, the output of Mettur Workshops was not adequate to meet the demands in full. Hence regional workshop at the different system headquarters were started and they are manufacturing line materials like cross arms, clamps, street lights, fixtures, etc., to meet the day-to-day needs of the systems.

RESEARCH ACTIVITIES.

It has been proposed to have a research unit and study the various problems in the operating systems and solve them. To initiate this, the following equipments were received during the year :—

(1) 75 HV D.C. tester.

(2) Faultalyser.

An order for 10 KV schering bridge was placed and the supply is expected shortly.

The use of thermal relays in synchronous condensers, shunt capacitors on low tension and high tension lines and inhibitors to transformer oils, have been initiated during the year.

Owing to the abnormal cost of copper conductors, steel reinforced stranded aluminium (A.C.S.R.) conductors for high tension lines and all aluminium stranded conductors for low tension lines were being used extensively in rural extension to the total exclusion of copper conductors except in coastal areas.

Steel rail poles which were widely used as line supports formerly are now practically not available. There is an acute shortage of steel joists also. As a substitute for rail poles and R.S.J.S., treated wood poles were being used as line supports for low tension lines but they are not available in sufficient quantity to meet the requirements of the department.

Palmyrah poles were also used as line supports for low tension lines wherever they were available within easy reach and these were found to be very economical.

The design for distribution transformer structure for rural areas was greatly simplified. Metal distribution boxes and galvanized iron pipes have been omitted and suitable modifications made. For the structure itself, stepless steel pipes now available are used in place of the more expensive stepped tubular poles used formerly. As a trial measure, one transformer structure with palmyrah poles has been erected in a distribution in Tirunelveli and it is being watched.

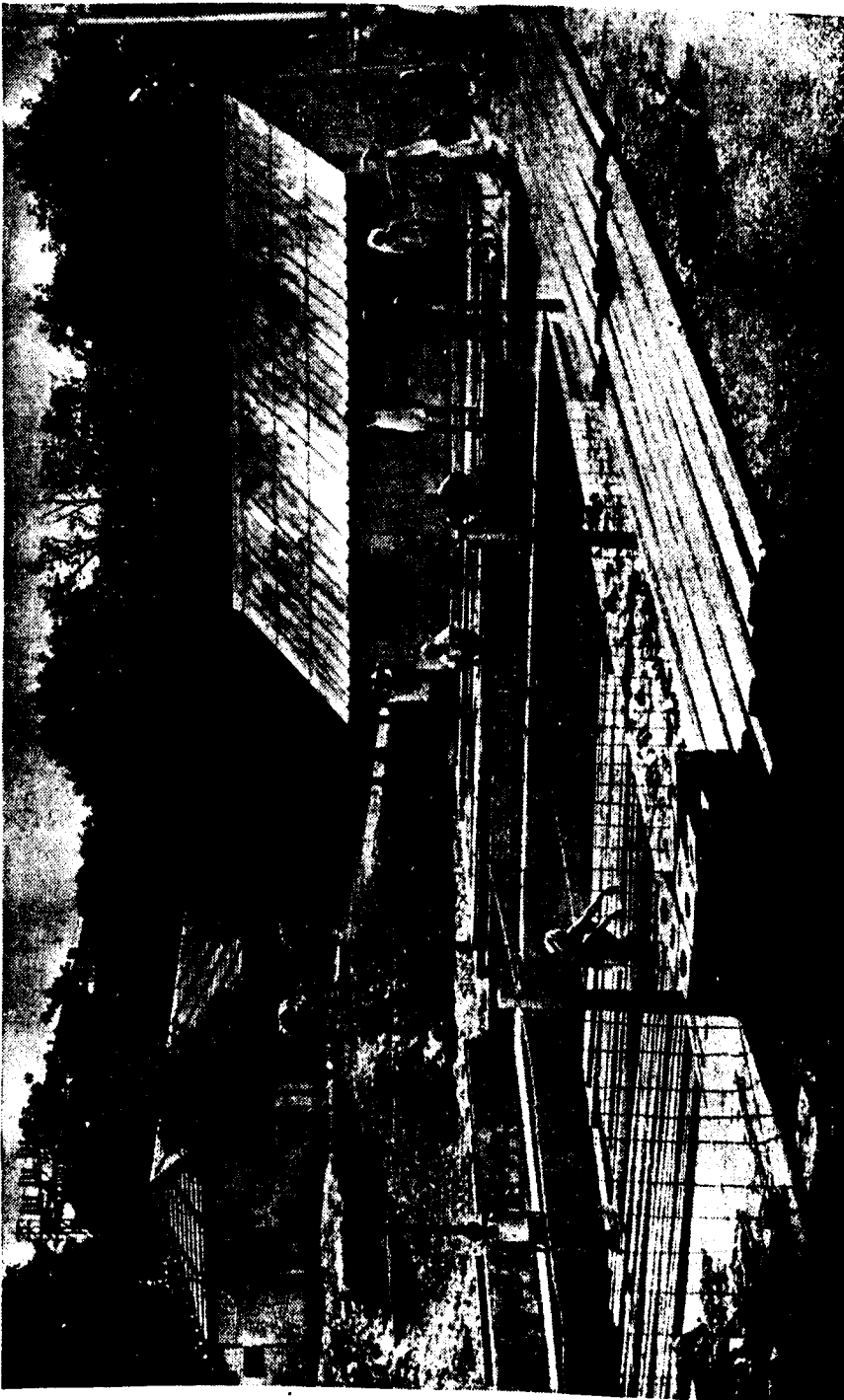
Reduced factors of safety and clearances permissible according to the revised Indian Electricity Rules, 1956, are being adopted.

The old steel sections available in stores which were in surplus and not used for a number of years have been made use of this year by fabricating into suitable structures.

In addition to the above, R.C.C. poles which are manufactured at site as per departmental design are now being used on a fairly large scale for both high tension and low tension lines.

The manufacture of R.C.C. poles have been taken up at different centres in each system, nearer the work spots to minimise transport costs. Standard designs for different lengths of poles were worked out and sent to all systems for adoption. During the year about 8,000 R.C.C. poles were fabricated departmentally and used on works.

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R.C.C. POLES MANUFACTURING YARD AT PASUMALAI S.S.

Pre-stressed post-tensioned concrete poles in various lengths were also departmentally designed and tested and are being adopted as line supports.

SECTION 7—LICENSEES' UNDERTAKINGS AND INSPECTORATE.

Electrical Undertakings.—The number of licensees' undertakings at the close of the year was 14 as against 25 at the end of 1955-56. Of these five are managed by local bodies and the rest by private electrical licensees. Consequent on the reorganization of States the following electric licensees were transferred to the Kerala State:—

(1) Calicut, (2) Cannanore-Tellicherry and (3) Kasaragod.

One licensee, viz., Shencottah Electric Supply Agency was transferred to the Madras State. The only generating Electrical Undertaking, viz., Mangalore has gone over to Mysore State.

No new licences were sanctioned during the year.

The number of accidents both in the licensees' and Government areas during the year under review was 295 out of which 69 proved fatal.

The Indian Electricity Rules, 1956, were brought into force on and with effect from 26th June 1956.

The accounts of 22 licensees were audited by Chief Accountants (Audit) and the staff appointed by Government. Six local authority electrical licensees accounts for the year 1954-55 were scrutinized by the Inspectorate during the year.

The Electricity Amendment Bill, 1956, has become law from 1st April 1957.

The Madras Cinema (Regulations) Rules, 1957, have come into force from 80th January 1957.

Nationalization.—The following Electrical Undertakings were taken over by Government during the year:—

Name of the electrical undertaking.	Vesting date.
Karaikudi	1st September 1956.
Devakkottai	Do.
Nattarasankottai	1st October 1956.
Kanadukathan	15th November 1956.
Pudukkottai Electric Supply Corporation, Limited.	1st December 1956.
Pudukkottai State	Do.
Ponnamaravathi	Do.
Ramachandrapuram	Do.
*Mangalore	15th October 1956.

* Transferred to Mysore State with effect from 1st November 1956 due to States Reorganization.

Orders of Government for determining the advance compensation for ten undertakings and final compensation for twenty-one undertakings acquired under the Acquisition Act of 1954 were received during the year.

Portion of the undertaking of Tiruchirappalli-Srirangam licence situated contiguously in the Pudukottah State licensees' area undertaking was taken over by Government outside the provisions of the Acquisition Act, 1954, subject to the basis regarding payment of compensation being settled in due course.

The suit filed by the liquidators of West Ramnad and Udipi licensees in the Madras High Court questioning the propriety of validating by legislation the Acquisition Act, held ultra vires of the Constitution, was dismissed with costs by the Madras High Court. However on the application of the liquidators of West Ramnad licensee, Madras High Court granted permission to appeal to the Supreme Court of India against its orders.

DISPUTES AND ARBITRATION.

1. *East Ramnad licensee area.*—The dispute between the East Ramnad licensee and Government regarding the vesting in Government of the assets of licensee at Kattuparamakudi (i.e.) lands, buildings, fittings, etc., was referred to arbitration. The award of the arbitrator was in favour of Government.

2. *Nagercoil Electrical Undertaking.*—Nagercoil Electrical Undertaking was taken over by the Travancore-Cochin Government in December 1952 after revoking the licence granted to Sri S. Kumaraswami under section 5 (a) of the Indian Electricity Act. The licensee objected to the payment made by the Travancore-Cochin Government and Travancore-Cochin Government constituted an arbitration tribunal. Based on the decree passed by the District Court, Nagercoil, in terms of the statement filed on behalf of Government, arising out of the award, the Government of Madras paid Sri Kumaraswami some additional compensation.

3. *Vellore Electric Licence.*—The Vellore licensee contended that under the terms of the bulk supply agreement the income-tax paid by them should be taken as an item of expenditure for arriving at the surplus profit for years prior to the coming into force of the Electricity Supply Act. The licensees' interpretation was not agreed to by Government. The matter was referred to arbitration and the arbitrators upheld the views of the State Government. The licensee thereafter filed a petition in the High Court for setting aside the award of the arbitrator. The arbitrator's award was upheld by the High Court. The licensee is reported to have again preferred an appeal in the High Court but no notice has been served on Government. Based on further correspondence, the licensee has agreed to credit a sum of Rs. 1,20,525-8-0 to the consumers' fund account without prejudice to his right of appeal.

LOANS TO LICENSEES.

No State loan was granted by Government to any of the electrical licensees during the year. However a sum of Rs. 41,29,670 was recommended as loan from the Government of India (Planning Commission) to the South Madras Electric Supply Corporation, Limited, Salem-Erode Electricity Distribution Company, Limited, and Tinnevely-Tuticorin Electric Supply Company, Limited.

During the period under report, the Vellore Electric Corporation, Limited, was permitted by Government under section 9 (2) of the Indian Electricity Act to raise a loan of Rs. 8 lakhs from the Madras Industrial Investment

Corporation, Limited, mortgaging their assets. The valuation of the assets of Vellore Electric Corporation and Kumbakonam Electric Supply Corporation, Limited, was done by the Inspectorate at the request of the lending Corporation after receiving the necessary advance fees.

Government granted to nine licensees certain loans which the licensees collected as "special rates" from the consumers. Out of nine, three, viz., Tiruchirappalli-Srirangam, Mayavaram-Mannargudi and Tiruvarur licensees have not availed the loans.

Assistance to licensees with regard to procurement of iron and steel materials, second-hand rails and cement was continued to be given.

In the case of schemes covered by loans granted by Government to Messrs. South Madras Electric Supply Corporation, Limited, Tiruchirappalli, South Arcot Electricity Distribution Company, Limited, and West Coast Electric Supply Corporation, Limited, progress of execution of work and expenditure were being watched. The monthly progress reports in respect of the loan schemes received from the licensees were scrutinized and forwarded to Government.

ADMINISTRATION OF INDIAN ELECTRICITY ACT AND RULES.

The Indian Electricity Rules, 1956, were brought into force on and from 28th June 1956. The Government of Madras have submitted their comments on the recommendations of the Advisory Board constituted by the Government of India on the amendments to the Indian Electricity Act, 1916.

It has been the practice so far to inspect all the licensees' installations as far as possible once in a year. Most of the licensees were keeping their installations in a fairly satisfactory manner due to repeated inspections done so far. As per latest orders of Government all the new installations erected, energised and one-third of old installations are now inspected in respect of licensees.

Rule 45 of Indian Electricity Rules, 1956, came into force in this State from 1st October 1955, Government constituted the Electrical Wiremen, Supervisors and Contractors Licensing Board and the issue of certificates is being done by the Board.

No prosecution was launched during the year under the Indian Electricity Act and Rules.

RESTRICTION AND CONTROL ORDERS.

Due to the unsatisfactory power position in the hydro-electric areas of the State, the staggering and grouping restrictions on agricultural and rural low tension power loads was brought into force from 12th March 1957. Owing to the continued failure of monsoon a 25 per cent cut in power supplies to all but essential services was imposed from 1st April 1957.

During the year the hydro-electric energy surcharge payable by the licensees to the Government Electricity Department was increased from 10 per cent to 40 per cent whereas the hydro-electric energy surcharge of 10 per cent payable by the consumers in the licensees' area to this department remained unaltered. Government have also ordered that the hydro-electric energy surcharge need not be collected on meter-testing charges in future as was being done hitherto.

The Madras Essential Articles Control and Requisitioning (Temporary Powers) Act, 1949, under which restriction and control orders, etc., have been issued, expired on 25th January 1956 and the same was re-enacted for a further period of two years by the Madras Essential Articles Control and Requisitioning (Temporary Powers) Re-enacting Act, 1956.

TARIFFS.

The following licensees increased their rates during the year under clause I of Schedule VI to the Electricity Supply Act, 1948:—

- (1) Salem-Erode.
- (2) Tinnevely-Tuticorin.
- (3) Kumbakonam Electric Supply Corporation, Limited.
- (4) Nagapatam Electric Supply Company, Limited.
- (5) Tiruchirappalli-Srirangam.
- (6) Mayavaram-Mannargudi-Tiruvarur.
- (7) Vellore Electric Corporation, Limited.
- (8) Messrs. South Arcot Electricity Distribution Company, Limited.

There was no reduction in rates in any of the licensee areas.

CINEMATOGRAPH ACT AND RULES.

There were 799 cinemas during the year of which 322 were permanent and 477 were touring. All were inspected.

Consequent on the Reorganization of States 60 cinemas went over to the jurisdiction of the Kerala State, 28 cinemas to Mysore State and 26 cinemas came over to Madras State.

One cinema was exempted from the scope of Rule 21 of the Madras Cinematograph Rules.

The Madras Cinematograph Rules, 1933 were revised and brought out as the Madras Cinemas (Regulation) Rules, 1957 were framed under the said Act and brought into force with effect from 30th January 1957.

CINEMA OPERATORS' LICENCE.

Only one examination for Cinema Operators was held during the year. One hundred and sixty-eight candidates were admitted out of which 101 were declared successful.

Eighty original and 638 renewed licences were issued during the year. Twenty-nine duplicate licences were also issued.

ADMINISTRATION OF MADRAS ELECTRICITY DUTY ACT AND RULES, 1939.

The revenue realized from this source for the year was about 12 lakhs. The Tiruchirappalli-Srirangam and Madurai licensees continued to top the list of duty paying licensees as in the previous years. The total number of duty paying licensees in this State was 13 (eight private electrical undertakings and five Local Authority Electrical Undertakings) as against 24 in the last year. The reduction is due to the acquisition of nine private licensees undertakings and the transfer of two undertakings to Kerala State. The question of payment of Electricity Duty by the Shencottah Electric Supply Agency who came over to Madras State due to States Reorganization is under consideration.

The accounts of seventeen electrical undertakings were inspected under the Act.

REVENUE AND EXPENDITURE.

The total revenue so far realized and the revenue expenditure incurred by the Inspectorate under different heads of accounts and the total expenditure were as given below:—

	Revenue. Rs.	Expenditure. Rs.
1 From inspection under the Indian Electricity Act, Cinematograph Act, Meter tests and miscellaneous receipts.	81,800	
2 From penalty for excess consumption of electricity ..	Nil.	
3 From the Madras Electricity Duty Act	11,99,800	
4 Fees for the use of Government water for generation of electricity.	20,000	
5 Fees for audit of licensees' accounts on behalf of Government by the Audit Officer and staff.	2,100	
6 Other receipts	3,100	
Total ..	13,06,800	2,23,400

ACCIDENTS.

The details of electrical accidents in the State during the year are given in the Appendix F-8.

SECTION 8—PERSONNEL ADMINISTRATION.

The importance of the department's function requires that the service it provides be operated and maintained at a high standard. For this purpose, the loyalty and efficiency of the staff are the main qualities and the department has been successful in maintaining effective cordial relations with its staff.

The organization had expanded considerably after the project works at Kundah were started. The Chief Construction Engineer's post which was kept in abeyance was revived on 29th September 1956 forenoon. The construction circles which were previously under the direct control of the Chief Engineer, were transferred to the Construction Engineer during this year.

The details of the present departmental organization are given in the chart in the opposite page.

Several new divisions were formed for construction works and also for Operation and Maintenance to meet the increased rural Electrification activities.

A new division sanctioned under Kundah Hydro-Electric Scheme was formed at Kancheepuram during the month of January 1957 for Transmission Line Construction Work. At Dindigul a division for Periyar transmission lines was formed during the month of April 1956.

The Kundah circle which was at Coonoor was shifted to Project site itself during January 1957, so that the Superintending Engineer can have closer control over the works.

Two civil divisions were formed at Emerald during April and November 1956. One civil division was formed at Kundah during June 1956 and another at Karamadai which was subsequently shifted to Mettupalayam. Another Transmission Line Construction division with headquarters at Gobichettipalayam was formed during February 1957.

Several new divisions started functioning in the operation units during this year.

The post of the Operation Engineer at Moyar Power House was upgraded to a Divisional Engineer's post in June 1956 in view of the importance attached to the Operation and Maintenance of that Power House.

A new division was formed in July 1956 with headquarters at Tiruvannamalai to cope with increased Operation and Maintenance work in North Arcot and South Arcot districts in the Mettur System.

One electrical and one civil divisions were formed in August 1956 in the offices of the Superintending Engineer, Technical (Electrical) and Superintending Engineer, Technical (Civil) respectively at Madras for the Kundah Hydro-Electric Scheme works.

Another division was formed in October 1956 for attending to the Commercial investigation work in the Papanasam System.

Consequent on the States reorganization on 1st November 1956 the Kozhikode division with four subdivisions and a Deputy Chief Accountant and the Mangalore division with three subdivisions were transferred to Kerala and Mysore States respectively. Also a division with two subdivisions were added on from the Travancore-Cochin State to the Papanasam System, consequent on the transfer of five taluks from that State to Madras State.

A new division was sanctioned in November 1956 for Turbine Maintenance in the Basin Bridge Power House.

The proposal for decentralizing the entire revenue billing work in the four Operating Systems was approved by Government in September 1956 and the regional units have commenced functioning at certain centres in the different systems.

OPERATION SUBORDINATE SERVICE.

This year brought several improvements in the service conditions to the Operation Subordinate Service staff in the department. Initially they were brought under statutory service rules. Some of the other concessions granted for them are enumerated below:—

(i) Leave benefit at 1/20th of the duty period was extended to N.M.R. and Work-charged establishment workers not coming under the Factories Act with over one year of service as in the case of those workers coming under the Factories Act.

(ii) Dust allowance of Rs. 6-8-0 per mensem was granted to all workers employed in Basin Bridge Power House and Madurai Thermal Station, Samayanallur.

(iii) Retrenchment benefits as provided in the Industrial Disputes (Amendment) Act, 1953, were extended to all N.M.R. and Workcharged establishment workers who were retrenched.

(iv) Sanction was accorded for supply of uniforms, free of cost, to certain categories of employees in Operation Subordinate Service and in General Subordinate Service and to fusemen and meter reading staff in Madras Electricity System.

(v) N.M.R. and Workcharged establishment workers in Basin Bridge Power House with over one year service were granted sick leave benefit on half pay for fifteen days in a year.

METTUR WORKSHOPS.

The following concessions were granted to the workers in the departmental workshops at Mettur :—

(i) The rate of gratuity for workers was revised as half a month's pay for every year of service after completion of six years' service up to a maximum of 15 months' pay.

(ii) Sanction was accorded for supply of protective appliances such as Rubber aprons, Hand gloves, Gum shoes, etc., to the workers employed in Galvanising section and for supply of Khadi aprons to workers who work on certain specified machines.

Postings and transfers.—(1) Sri N. R. Narasimhamurthy, Chief Operation Engineer (North), was transferred as Chief Operation Engineer, (South), with effect from 23rd August 1956 forenoon *vice* Sri M. B. Kandaswamy.

(2) Sri M. B. Kandaswamy, Chief Operation Engineer (South), relinquished his office on 23rd August 1956 forenoon, to take up appointment as Member, Railway Service Commission.

(3) Sri N. R. Narasimhamurthy, Chief Operation Engineer (South), proceeded on leave for two months and twenty days from 12th March 1957 forenoon.

(4) Sri A. R. Narayana Rao, Superintending Engineer (Distribution), Madras Electricity System, was reappointed as Chief Operation Engineer and posted as Chief Operation Engineer (North), from 23rd August 1956 forenoon.

(5) Sri K. M. Kuruvilla, Chief Electrical Inspector to Government, retired from service on 25th June 1956 forenoon.

(6) On the expiry of leave for three months from 8th March 1956 forenoon, Sri L. Ekambaram was posted as Superintending Engineer (Generation), Erode, *vice* V. K. Govinda Menon granted leave for three months and fifteen days from 16th June 1956 forenoon.

(7) On the expiry of leave on 30th September 1956 afternoon, Sri V. K. Govinda Menon was posted as Superintending Engineer (Generation), Erode, *vice* Sri L. Ekambaram.

(8) Sri L. Ekambaram, Superintending Engineer (Generation), Erode, was transferred as Superintending Engineer (Distribution), Madras Electricity System, *vice* Sri A. R. Narayana Rao promoted as Chief Operation Engineer (North). Sri L. Ekambaram assumed charge as Superintending Engineer (Distribution), Madras Electricity System on 6th October 1956 afternoon.

(9) Sri T. Krishnaswamy, Chief Electrical Inspector to Government, was transferred as Superintending Engineer (Distribution), Madras Electricity System, *vice* Sri L. Ekambaram transferred as Chief Electrical Inspector to Government. Sri T. Krishnaswamy and Sri L. Ekambaram assumed their respective charges on 21st November 1956 forenoon.

(10) Sri D. Rajagopalan, Superintending Engineer, Technical (Civil), was appointed as Chief Construction Engineer (Electricity). He assumed charge as Chief Construction Engineer (Electricity), on 29th September 1956 forenoon.

(11) Sri N. Muthukumaraswamy, Executive Engineer (Civil), was promoted as Superintending Engineer (Civil) and posted as Superintending Engineer, Technical (Civil). He assumed charge on 10th October 1956 forenoon.

Foreign training.—(i) Sri V. P. Appadurai, Chief Engineer for Electricity and Sri K. R. Radhakrishnan, Divisional Electrical Engineer proceeded to Canada on 12th May 1956 in connexion with the aid from the Government of Canada under the Colombo Plan for the construction of the Kundah Hydro-Electric Project. Chief Engineer returned from Canada on 14th June 1956 afternoon and again proceeded on deputation to Canada and Germany on 9th December 1956 to order the equipment supplied by Canada and returned to Madras on 25th January 1957. Sri Radhakrishnan returned to Madras and resumed charge of his post on 25th July 1956.

(ii) Sri P. A. Raman, Divisional Engineer (Electrical) and Sri B. S. Amirthalingam, Assistant Engineer (Electrical) deputed to Germany in September 1955 for training in manufacture, erection and testing of Boilers, etc., returned to Madras and resumed charge in November 1956.

(iii) Sri A. M. Ramalingam, Divisional Electrical Engineer and Sri P. Ramamurthy, Assistant Engineer (Electrical), who proceeded to Australia in February 1956 for training under the United Nations Economic Development Fellowship Scheme returned to Madras on completion of their training and resumed charge of their posts in August 1956.

SECTION 9—PROGRAMME FOR 1957-58.

The following important activities are programmed for the year 1957-58 :—

Pykara system.—(i) Commissioning of new 110 KV. sub-stations at Sembatti and Theni.

(ii) Erection of second 110 KV. P.T. and erection of 10 MVA. transformers in place of 5 MVA. units at Coimbatore receiving station.

(iii) Installing higher capacity transformers at Somanur, Ingur and Avanashi sub-stations to meet increased demands.

(iv) Completion of installation of carrier current telephone at Udumalpet and Sembatti sub-station.

Mettur system.—(i) Completion of all works under Tiruchirappalli 110 KV. extensions with commissioning of 4-5000 KVA. transformers at Tiruchirappalli sub-station.

(ii) Erection of Karur 66 KV. sub-station at the new site with three 2000 KVA. transformers

(iii) Completion of Karur-Sembatti 66 KV. line with Pallapatti sub-station.

Higher capacity and/or additional transformers will be erected at Tanjore, Kumbakonam, Mayavaram, Tirupathur, Singarapet, Vellore and Vadakettipatty sub-stations to meet the increase in demand.

Papanasam system.—Works on the following lines with connected sub-stations will be taken up and completed :—

66 KV. line from Tanjore-Pudukottai-Karaikudi to Sivaganga.

66 KV. line from Melakallur sub-station to Nagarcoil and Thuckalay.

66 KV. line from Koilpatti to Eppoduvendran 66 KV. sub-station.

Erection of diesel generating sets at Rameswaram Power House for improving supply conditions at Rameswaram will be taken up and completed.

25 MVA 110/66 KV. autos will be installed at Poomalai sub-station in place of 12 MVA. autos.

Madras system (Distribution).—At Korattur sub-station 25,000 KVA. 110 KV./33 KV. transformers will be erected in place of 7500 KVA. transformers. At Kadambattur, Walajabad and Ponneri, the existing sub-station capacities will be enhanced to meet the increased demands.

33. KV. cable for about six miles between Basin Bridge and Adyar will be laid during the year under the Madras Development Plan. About 34 miles of 33 KV. lines between Madurantakam and Tindivanam and Korattur and Ambattur will be erected during the year.

Singara Power-house.—(i) Annual overhaul of machines 1 to 7 and overhaul of No. 1—5 transformers.

(ii) Renewal of gear of II and IV Winch machineries.

(iii) Extension of track line to Departmental stores building.

(iv) Erection of 4th MV. transformer and erection of 66 KV O.C.Bs. for 5 MVA. transformers.

(v) Improvements to mainflume channel and diversion weir to Glenmorgan.

Moyar Power-house.—(i) Improvements to the Moyar Flume channel.

(ii) Provision of new drains, packing of the haulage track lines, etc.

(iii) Completion of mulsifyre system of fire protections.

(iv) Segregation of power and control cables in the Power-house.

Mettur Power-house.—At Mettur Power-house annual overhaul of units 2 and 4, segregation of power and control cables, overhaul of emergency hoisting gear and gate No. 1 will be completed.

At Erode sub-station, Mulsifyre protection work and installation of 66 KV. group control OCB. for 3 Nos. 2000 KVA. transformers will be taken up.

Papanasam Power-house.—(i) Construction of tail race bridge;

(ii) construction of new pump-house and other flood protective measures in the Power house;

(iii) installation of Power line carrier communication equipment; and

(iv) erection of new pumphouse at 320 feet level for the cooling water-supply to the starter air coolers and generator bearing and transformer oil coolers will be taken up.

Samayanallur Power-house.—(i) Running of 6 inches duplicate water mains from river Vaigai to Madurai Thermal station;

(ii) construction of third railway siding loops and acquisition of land;

(iii) provision of a sub-way at Madurai-Dindigul railway line for dumping ash directly in the lands newly acquired; and

(iv) construction of additional staff quarters in place of temporary shed will be taken up.

MADRAS PLANT EXTENSIONS.

All civil works under the third stage of Madras Plant Extensions will be completed. The 30 MW. Turbo alternator set together with the associated boilers will be commissioned during this year.

Periyar Hydro-Electric Scheme.—The project civil works will be completed in all respects in 1957-58. One unit of the Power Station is expected to be commissioned early in 1956 and the other two units a little later.

Kundah Hydro-Electric Scheme.—In Kundah camp, construction of all balance of temporary and permanent quarters will be completed. In Ihnerald camp construction of additional residential quarters will also be completed.

Formation of roads from Kundah camp to Power-House No. II from Karamadai to Power-House No. II will be completed.

Eighty per cent of work on the construction of bridges across Bhavani, Mannar, Kundah and Kanarahalla will be completed. Bridges across Lawrence and Gayakandhi streams will be completed.

Excavation for foundation of Emerald dam will be completed and construction of dam masonry will be taken up.

Excavation for foundation of Avalanche dam will be completed and dam masonry will be taken up.

A total length of about 12,000 r.ft. (including R.C.C. tunnelling in earth) of tunnelling will be done in tunnel No. 1.

Excavation for grading of penstock No. 1 slope will be completed. Superstructures for a few anchors will also be completed.

The excavation at Power-House I site will be nearing completion. At the Forebay dam site, the masonry work will be in progress after completing the excavation. The excavation for Penstock II grading and Power-House No. II site will be nearing completion during the course of the year.

Transmission lines.—All connected works relating to transmission lines under the Periyar Hydro-Electric Scheme will be nearing completion by the end of 1957.

Works on Salem-Attur 110 KV. line, Perivar-Kayathar 110 KV. line, Attur-Neiveli and Singarappet-Villivakkam 110 KV. line will be in progress.

Construction of Villivakkam-Chingleput-Villupuram 110 KV. line for railway electrification will be taken up and completed.

Erection works at the following sub-stations will be completed :—

Rasipuram, Pasumalai, Sembatti, Theni, Villupuram, Tiruchirappalli and Vellore.

Construction of office building for Superintending Engineer, Papanasam at Madurai, will be completed in all respects and brought to beneficial use by end of May 1957.

Construction of an office building for the office of Superintending Engineer, Pykara, will be taken up and completed.

V. P. APPADURAI,
Chief Engineer for Electricity.

SECTION 10.
APPENDICES.

APPENDIX A.

List of works undertaken—81-A. Capital Outlay on Electricity Schemes
with expenditure to end of March 1957.

Name of scheme.	Expenditure during 1956-57.	To end of 1956-57.
RS.	RS.	
A. OPERATION CAPITAL.		
I. Pykara Electricity System.		
1 Pykara Hydro-Electric Scheme	9,05,410	2,25,58,338
2 Additional Generating sets	..	41,66,156
3 Mukurthi Dam	..	14,95,150
4 Mukurthi Dam Spillway Gates	..	2,60,062
5 Distribution of power	1,23,07,990	5,41,51,865
6 West Coast Extension	9,322	63,48,448
7 Kollegal Distribution Scheme	2,021	2,45,382
8 Nilambur Manjeri	2,113	2,62,398
9 Supply to Palghat	..	1,21,160
10 Do. Fort Hall	..	6,105
11 Do. Madurai	..	22,68,415
12 Do. Periakulam	..	2,24,429
13 Do. Gobi	..	1,94,969
14 Do. Tirur-Ponnani	8,459	9,90,991
15 Do. Kuzalur	51,034	1,81,493
16 Do. Alathur	3,851	4,75,912
17 Do. Kollengode and Vadavanoor	7,192	5,70,267
18 Do. Mariakundu-Subbalapuram	— 7,982	2,16,050
19 Do. Kayuchi	— 3,485	1,73,539
20 Do. Ithular-Mayand	— 3,393	1,91,896
21 Moyar Hydro-Electric Scheme	11,78,385	3,22,30,230
22 Pykara-Moyar-Erode Line	— 42,876	69,51,096
23 Meerakkal-Vannampatti	— 14,395	2,97,885
24 Street lights at Gudalur Panchayat area	8,900	1,02,004
25 Sadayampalayam Extensions	1,86,778	3,61,437
26 Palangarai Extensions	32,397	1,92,051
27 Badagara Extensions	1,36,162	11,25,456
28 Meppadi-Vythiri Extensions	12,108	3,02,541
29 Ponnikadu	55,633	2,33,646
30 Thevaramcoomba	14,407	1,90,545
31 Hojmadji, etc., villages	45,375	2,56,173
32 Pooli, Ottapalam, Lakkidi villages	55,225	1,75,681
33 Muki, etc., villages	2,52,616	5,21,908
34 Pykara Plant Extension III Stage	(—) 3,87,527	3,33,41,292
35 Pollachi Sub-station	1,08,208	12,85,135
36 Supply of power to Mangalore & Puntwal	2,04,412	2,04,412
37 Ramapatnam Manver Extension	2,23,948	2,23,948
38 Mallapuram Manjeri	1,37,158	1,37,158
39 Mangalore Puttur villages	1,640	1,640
40 Dharmatturpatti, etc. villages	855	855
41 Seerangadu Thathurpatti	21,634	21,634
42 Pykara Coimbatore-Madurai III circuit line	5,57,044	103,67,285
43 Singanallur-Somanur sub stations	6,93,722	26,88,139
44 Improvement to Fort Guchin	23,269	1,43,622
45 Mangalore Thermal scheme	3,756	4,06,742
46 Udipi Karhala scheme	— 2,66,295	8,25,025
Lumpsum provision for payment of compensation to	8,11,978	— 13,24,327
Total ..	1,73,34,759	18,63,60,518
(Suspense ..	21,76,435	97,62,632
Total for Pykara ..	1,95,11,194	19,61,23,150

APPENDIX A—cont.

List of works undertaken—81-A. Capital Outlay on Electricity Schemes
with expenditure to end of March 1957—cont.

Name of schemes.	Expenditure during 1956-57.	Total to end of 1956-57.
RS.	RS.	
A. OPERATION CAPITAL—cont.		
II. Mettur System.		
1 Mettur Main Scheme	6,76,768	198,30,060
2 Mettur IV Unit	..	14,55,229
3 Loss due to tenancy action	..	62,519
4 Extension office building	..	35,371
5 Distribution of Power	100,89,702	371,62,619
6 Erode Trichy Extension	339	13,70,492
7 Trichy-Nagapattinam	559	21,83,506
8 Ranipet-Kaveripauk	1,736	4,53,132
9 Sirukambur-Ocheri	..	..
10 Supply of power to Arkonam	..	3,08,631
11 Karur Electric Supply Scheme	..	78,049
12 Mettur-Salem-Erode	..	4,85,821
13 Kumarapalayam Extensions	..	26,303
14 Rasipuram Extension	..	72,886
15 Veerapandy Firka	34,903	4,06,213
16 Kadambuliur Firka	..	4,59,643
17 Workshop Expansion Scheme	1,11,335	13,69,747
18 Usambady Mullavady	..	1,78,852
19 Neimili-Vettangulam	4,732	3,37,456
20 Sendamangalam	2,058	1,63,530
21 Pichaiyakkam	2,268	2,21,705
22 Gudiyatham Electrical Undertakings	..	5,14,013
23 Tiruvannamalai Undertaking	..	2,63,470
24 Madras-Mettur Inter-connection Scheme	10,21,136	1,75,06,618
25 Pallikonda Extension	— 61,944	9,26,574
26 Chengam-Pudupalayam	2,41,622	13,60,849
27 Essayanur-Valavannur	16,579	3,79,485
28 Pinnaithangal-Ageram	4,994	2,90,326
29 Vanjalur-Kolathupalayam	17,778	1,83,962
30 Pallur-Govindavady	19,995	2,41,864
31 Chinnampatty-Kittanipatty	17,820	3,33,948
32 Nallavampalayam-Savalpoondi	2,215	2,18,795
33 Kandili-Nariyaneri Extension	— 284	1,69,412
34 Kavanur Kilkuppam	9,827	2,11,427
35 Kallakurohi-Thiagadurgam	48,440	7,09,112
36 Avalurpet	3,44,171	10,20,388
37 Vallalathur-Kuldikai	33,998	3,36,645
38 Melapulam-Banapakam	— 8,628	2,36,212
39 Kadiranallur-Kannurpatti	55,896	2,69,606
40 Vadallethipatty-Odugathur	2,96,061	7,59,184
41 Kadirampatty-Sellandampatty	14,340	1,49,913
42 Mallasamudram-Mangalam	2,75,655	5,31,180
43 Munnakkal	87,819	1,93,200
44 Sellapillaihattai	28,214	1,08,576
45 Kallair-Samalpatti	91,060	1,52,620
46 Palayanur-Timiri	1,65,588	3,24,248
47 Sembedu-Karivedu	52,141	1,11,534
48 Vangal-Kupichipalayam	1,08,769	2,95,778
49 Peranamallur-Aiyapadi	68,267	2,11,664
50 Mallur	1,13,372	1,62,672
51 Thoppapatti	1,74,852	2,36,573
52 Kandalampatti-Buthur	81,762	1,06,612
53 Maligapatty-Vadandianallur	78,146	1,00,711
54 Hesur-Denkanikottai	1,30,742	5,72,663
55 Vedakadappa Thengal-Malavenkatapuram	— 41,778	1,67,118
56 Harur	1,31,062	7,14,196
57 Kilalathur-Pasumathur	— 12,016	1,95,830
58 Kadambankurichi	8,545	1,72,431
59 Erode-Salem	1,62,611	25,47,066
60 Erode-Trichy-Dalmiapuram	15,943	51,02,257

APPENDIX A—cont.

List of works undertaken—81-A. Capital Outlay on Electricity Schemes with expenditure to end of March 1957—cont.

Name of scheme.	Expenditure during 1956-57.	Total to end of 1956-57.
RS.	RS.	
A. OPERATION CAPITAL—cont.		
II. Mettur System—cont.		
61 Tanjore-Mayavaram-Chidambaram	78,790	34,72,854
62 Kalambur Aiyampet	2,65,733	2,65,733
63 Karikodal Sirumamalle	1,67,145	1,67,145
64 Sethi thope, Pennalur, Kilvaivamadam	1,92,834	1,92,834
65 Sunamella, Nagavedu (Nagavedu Second Stage)	1,33,878	1,33,878
66 Kuri jipaiy, Meenakshipey, Vaddalur	2,94,700	2,94,700
67 P. tunam	99,791	99,791
68 Ayapady, Peruvaiyayam	1,15,329	1,15,329
69 Vellalakondram	48,119	48,119
70 Neloropet-Settikuppam	1,36,705	1,36,705
71 Senthavasal-Pushpagiri	88,165	88,165
72 Kalavai-Sennasamudram	1,15,495	1,15,495
73 Ammapalayam, Kattukottai	97,418	97,418
74 Morana n. Vedarapakkam	1,22,348	1,22,348
75 Varakur, Kambattu, Vanapuram	1,81,620	1,81,620
76 Katur Attuvambaiy	69,550	69,550
77 Alangnyam, Nachiakuppam	78,491	78,491
78 S.E.E.S. Corporation near Thattinagarpet	57,706	57,706
79 Punnar Badu Village	84,456	84,456
80 Pudukettu, Mavanur, Siruvalayar	1,10,125	1,10,125
81 Avur veliyur	61,993	64,993
Lumpsum provision for payment of compensation undertakings.	1,69,5306	11,07,31,750
	17,61,072	23,67,382
Suspense ..	1,87,56,378	11,30,99,132
	87,88,017	1,91,43,560
Total for Mettur ..	2,25,44,395	13,22,12,692

C. Papanasam System.

1 Papanasam Hydro-Electric Scheme	22,28,379	2,03,65,869
2 Distribution of power	66,28,004	2,28,83,482
3 Supply of power to Virudhunagar	..	8,89,001
4 Do. Koilpatty	..	5,15,176
5 Do. Ramanathapuram	..	4,12,692
6 Do. Madurai	..	9,69,567
7 Do. Sholavandan	..	1,95,228
8 Do. Shankarnagar	47	2,79,375
9 Do. Chinnamaniachi	..	3,17,525
10 Do. Malli Firka	38,332	3,31,090
11 Do. North Malli	— 1,02,156	4,11,802
12 Do. Travancore	88	7,69,686
13 Do. Venkatasamudram	11,236	2,28,028
14 Do. Kadayannallur	22,140	5,30,369
15 Do. Okkur	..	3,23,010
16 Do. Meikuppai	..	97,937
17 Do. Kunnathore-Kullayapatty	6,264	2,71,322
18 Do. Ramanathapuram-Mandapam	..	2,85,250
19 Madurai-Koilpatty II Circuit Line	613	15,04,954
20 Papanasam IV Unit Extension	— 1,24,014	47,44,986
21 Distribution of power under construction	22,61,047	24,83,347
22 Pashankottah Extension Scheme	17,758	6,08,047
23 Kilrajakularaman	13,208	3,78,378
24 Srivaikuntam Extension	4,73,770	22,30,886
25 Melakkalur-Kalakad	..	24,31,534
26 Suvandai-Sundarapandayapuram	89,662	3,40,262

APPENDIX A—cont.

List of works undertaken—81-A. Capital Outlay on Electricity Schemes with expenditure to end of March 1957—cont.

Name of scheme.	Expenditure during 1956-57.	Total to end of 1956-57.
RS.	RS.	
I. OPERATION CAPITAL—cont.		
C. Papanasam System—cont.		
27 Watrap	82,905	4,30,728
28 Pallapatti Scheme	59,005	7,59,110
29 Alanglam-Mettur	25,584	2,44,238
30 Kalkurich. Johilpatty	— 4,251	1,60,224
31 Alagarkoil-Kidripatty	2,47,877	2,48,238
32 Exappavari, etc., villages	2,062	1,01,922
33 Sivagiri-Viswanatham	1,28,170	3,29,244
34 Madurai Thermal Scheme	20,188	1,19,5,736
35 Alangmullur-Pallamedu	10,947	4,19,582
36 Seithur Devadanam	— 23,318	4,30,719
37 Panmbadi-Vadakarai	940	1,39,609
38 Vandiyur-Othakadai	— 3,051	1,97,530
39 Uthangudi-Settipatty	3,971	2,05,259
40 Rameswaram	— 25,700	2,30,504
41 Madurai-Thirumangalam-Rajapalayam	25,113	44,10,970
42 Madurai-Sivaganga	17,929	16,47,761
43 Pignamalai, etc., villages	2,02,549	2,17,831
44 Supply to Rayagiri-Ramanathapuram	2,00,188	2,00,188
45 Do. Mudukuattur Periyar	1,40,167	140,167
46 Nanguneri	2,97,690	2,97,690
47 Supply to Movaraivendaram	4,83,189	4,83,189
48 Do. Palayur-Septiur	4,48,292	4,48,292
49 Do. Kavarathar-Therkumanthikulam	1,29,673	1,29,673
50 Do. Sevalai Perunkulam	1,09,397	1,09,397
51 Do. Chinnayampatty-adalai	97,299	97,299
52 Do. Vilthikulam	1,16,181	1,16,181
53 Karakanivajur	29,701	29,701
54 Nagampatti Paravanthani	19,305	19,305
55 Kulalampatti	50,114	50,114
56 Periyar II Stage	43,993	43,993
57 Acquired undertakings	18,84,918	26,17,894
58 Papanasam-Tirunelvely-Kayattur	— 33,427	27,65,203
Total ..	1,63,02,904	9,80,66,848
Suspense ..	22,12,442	1,67,88,944
Total, Operation Capital ..	1,85,15,346	11,48,55,792

B. Madras System.

1 Madras Thermal Scheme	56,20,195	3,52,27,708
2 Distribution of power	76,24,514	2,81,24,147
3 Madras Power Station Extension	29,94,261	6,13,66,626
4 Kancheepuram-Arkonam Extension	— 2,42,742	20,04,560
Total ..	1,69,96,428	12,67,22,040
Acquired undertaking ..	3,35,916	— 2,81,707
Total ..	1,63,32,344	12,64,41,333
Suspense ..	1,65,376	1,76,57,161
Total, Operation Capital ..	1,64,97,620	14,40,99,094
Total, Operation Capital ..	7,70,68,556	58,72,95,722

APPENDIX A—cont.

List of works undertaken—81-A. Capital Outlay on Electricity Schemes
with expenditure to end of March 1957—cont.

Name of Scheme.	Expenditure during 1956-57. RS.	Total to end of 1956-57. RS.
II. CONSTRUCTION CAPITAL.		
A. Pykara Electricity System.		
1 South Kanara	7,47,048	59,93,219
2 Udumalpet-Travancore-Cochin Border	2,962	6,304
3 Coimbatore-Madukkarai-Palghat	5,77,163	13,57,832
Total ..	13,27,173	73,57,355
B. Mettur System.		
1 Salem-Namakkal	7,48,823	27,22,966
2 Neiveli-Villupuram	62,090	64,441
3 Singarapet-Villupuram	22,41,873	65,65,949
4 Erode-Tiruchirappalli Changeover	7,66,257	13,37,957
5 Villupuram-Pondicherry	6,19,375	6,22,485
6 Salem-Attur	88	88
Total ..	44,38,508	1,13,13,886
C. Madras System.		
1 Madras 'B' Station Extension III Stage	75,76,918	93,91,625
2 Railway Electrification Scheme	32,3378	32,378
Suspense ..	76,09,296 — 8,32,101	94,24,003 ! 23,32,281
Total ..	67,77,195	1,17,56,284
D. Periyar Scheme.		
1 Periyar Hydro-Electric Scheme	1,08,92,931	1,96,77,478
2 Sambatti-Theni 110 KV. Line	1,05,59,809	1,14,38,842
Total ..	2,14,53,740	3,11,16,320
Suspense ..	72,43,843	81,63,186
Total ..	2,86,97,583	3,92,79,506
E. Kundah Scheme.		
1 Kundah Hydro-Electric Scheme	1,19,79,371	1,30,14,399
2 Kundah Transmission line	12,13,360	12,13,360
Suspense ..	1,31,92,731 32,04,571	1,42,37,759 35,84,939
Total ..	1,63,97,302	1,78,12,698
Total—Construction capital ..	5,76,37,759	8,75,19,729
Grand total—Capital Outlay ..	13,47,06,814	67,48,15,457

APPENDIX B.

Budget provision for Capital Works in 1957-58.
81-A. CAPITAL OUTLAY ON ELECTRICITY SCHEMES.

Serial number and particulars.	Budget Estimate for 1957-58. RS.
I. Hydro-Electric Scheme—	
A. Pykara Hydro-Electric Scheme—	78,800
(i) Generation	22,94,000
(ii) Transmission and distribution	1,00,68,100
(iii) Distribution of power	7,22,500
(iv) Extensions costing over Rs. 2 lakhs	— 33,68,000
(v) Suspense	97,93,500
B. Moyar Scheme	6,82,500
BB. Lower Bhavani Hydro-Electric Scheme	15,00,000
C. Pykara Plant Extension III and Final stage	6,54,600
D. Pykara Dam Power house Scheme	100
E. 66 K.V. Extension to and construction of a sub-station at Pollachi.	6,700
F. Supply to South Kanara district	3,28,900
G. Coimbatore-Madukkarai-Palghat Extensions	1,000
H. Extensions of 110/66 KV. D.C. line from Travancore-Cochin State Border to Udumalpet.	1,29,67,300
J. Mettur Hydro-Electric Scheme—	59,200
(i) Generation	7,95,600
(ii) Transmission and distribution	75,07,300
(iii) Distribution of power	37,35,100
(iv) Extensions costing over Rs. 2 lakhs	64,200
(v) Suspense	1,21,61,400
K. Madras-Mettur-Inter-connection scheme	5,10,600
L. Salem-Namakkal 110 KV. line Extension	3,07,800
M. Extension of supply from Erode to Tiruchirappalli and Dalmiapuram.	100
N. 66/110 K.V. Extension from Erode to Salem	1,29,79,900
O. Mettur Workshop Expansion Scheme	100
Q. Tanjore-Mayuram-Chidambaram Extension	45,100
R. Singarapet-Villupuram 110 KV. Extension	21,300
S. Neiveli-Villupuram 110 KV. line	8,53,000
T. Erode-Tiruchirappalli III Circuit 110 KV. line	13,88,400
U. Extension of 66 KV. line from Villupuram to Pondicherry	1,75,500
UU. Establishment of a 66/33 KV S. Station at Karimangalam	1,01,300
Total ..	2,25,100
V. Papanasam Hydro-Thermal Scheme—	45,200
(i) Generation	6,60,600
(ii) Transmission and distribution	98,77,000
(iii) Distribution of power	15,16,400
(iv) Extensions costing over Rs. 2 lakhs	36,86,700
(v) Suspense	1,60,86,000
W. Papanasam Plant Extension II Stage	— 57,600
X. Papanasam Dam Power house Scheme	100
Y. Periyar Hydro-Electric Scheme	1,59,98,500
Z. Kundah Hydro-Electric Scheme	2,87,71,900
ZZ. Sandyanalla Reservoir Scheme	2,71,60,700
Total I. Hydro-Electric Schemes ..	1,06,88,200

APPENDIX B—cont.

Budget provision for Capital Works in 1957-58—cont.

81-A. CAPITAL OUTLAY ON ELECTRICITY SCHEMES—cont.

Serial number and particulars.	Budget Estimate for 1957-58. RS.
II. Thermo-Electric Scheme—	
A. Madras Thermal Scheme—	
(i) Madras Thermal Station	7,48,400
(ii) Distribution of power	78,49,700
(iii) Extensions costing over Rs. 2 lakhs	31,09,700
(iv) Suspense	— 49,71,700
	67,38,100
B. Madras Power Station Extension	1,08,22,900
C. Supply of power to Southern Railway for electrification of track between Madras and Villupuram.	18,61,200
D. Chingleput-Villipuram 110 KV Line Neiveli Transmission Scheme.	28,01,400
E. Chingleput-Kancheepuram-Arkonam Extension Scheme	11,200
Total, II. Thermo-Electric Scheme ..	2,22,32,800
Lump-sum provision for payment of compensation for acquisition of Electrical Undertakings of local authorities and private companies.	47,75,100
Lumpsum deduction for probable savings due to delay in execution and non-availability of foreign exchange, etc.	1,15,00,000
Total for Capital Works—Major Head 81-A. Capital Outlay—Voted ..	11,61,96,100

APPENDIX C.

Details of establishment charges and fees earned during 1956-57 and estimate for 1957-58.

Serial number and particulars.	Expenditure during 1956-57. RS.	Budget Estimate for 1957-58. RS.
I. Pykara Hydro-Electric Scheme—		
Salaries, allowances and other charges	21,98,421	23,50,000
Add charges payable to Governments, Departments, etc. ..	4,67,397	5,68,100
Total ..	26,65,818	29,18,100
Less charges recoverable from Government Departments.	14,44,557	11,84,500
Total ..	12,21,261	17,33,600
Operation and maintenance expenses excluding suspense ..	97,19,241	1,04,44,700
Grand total ..	1,09,40,502	1,21,78,300
Gross Revenue ..	2,44,92,958	2,20,97,100
Net surplus ..	1,35,52,456	1,09,18,800

APPENDIX C—cont.

Details of establishment charges and fees earned during 1956-57 and estimate for 1957-58—cont.

Serial number and particulars.	Expenditure during 1956-57. RS.	Budget Estimate for 1957-58. RS.
II. Mettur Hydro-Electric Scheme—		
Salaries, allowances and other charges	18,84,646	19,88,000
Add charges payable to Governments, Departments, etc. ..	1,88,588	2,31,000
Total ..	20,73,234	22,19,000
Less charges recoverable from Government Departments.	16,42,544	11,76,700
Total ..	4,30,690	10,42,300
Operation and maintenance expenses excluding suspense ..	1,25,22,885	1,47,93,600
Grand total ..	1,29,53,575	1,58,35,900
Gross Revenue ..	1,90,32,709	2,26,54,600
Net surplus ..	60,79,134	68,18,700
III. Papanasam Hydro-Thermal Scheme—		
Salaries, allowances and other charges	16,60,388	18,72,400
Add charges payable to Governments, Departments, etc. ..	2,13,760	2,70,300
Total ..	18,74,148	21,42,700
Less charges recoverable from Government, Departments.	11,57,016	11,78,400
Total ..	7,17,132	9,64,300
Operation and maintenance expense excluding suspense ..	84,09,250	97,00,600
Grand total ..	91,26,382	1,06,64,900
Gross Revenue ..	1,14,53,271	1,36,71,600
Net surplus ..	23,26,889	30,06,700
IV. Madras Thermal Scheme—		
Salaries, allowances and other charges	20,31,793	20,15,900
Add charges payable to Government, Departments, etc. ..	2,63,468	2,96,100
Total ..	22,95,261	23,12,000
Less charges recoverable from Government, Departments.	16,73,341	13,82,500
Total ..	6,21,920	9,29,500
Operation and maintenance expenses excluding suspense ..	1,73,56,591	2,13,88,400
Grand total ..	1,79,78,511	2,23,17,900
Gross Revenue ..	2,63,63,870	2,96,05,900
Net surplus ..	83,85,359	72,88,000
Total revenue for the Department ..	8,13,42,808	9,50,29,200
Total Working expenses ..	5,09,98,970	6,09,97,000
Total Net Revenue ..	3,03,43,838	3,40,32,200

APPENDIX C-1.

STATEMENT SHOWING THE UNITS GENERATED, WORKING EXPENSES AND THE COST PER UNIT GENERATED UNDER EACH MAIN HEAD OF EXPENSES (1956-57).

Financial year.	Units generated in millions units.	Gross expenditure.	Working expenses, excluding suspense.	Managing agency fees.	Provincial establishment and officers.	Net.	Operation Subordinate Service.	Number employed.	Amount.	Number employed.	Amount.	Fuel and lubricants.	Operation and maintenance expenses other than establishment.	Works expenditure financed from ordinary revenues.	Depreciation fund and special reserve fund.	Tools and plant.	Suspense.	Interest.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
<i>Pykara System.</i>																		
(IN LAKHS OF RUPEES.)																		
1952-53 ..	221 000	56.90 0.41 52.08 0.38	53.74 0.43 53.87 0.30	1.43 0.01	12.50 0.09	(-) 3.01 - 0.02	9.49 0.07	1,045	8.99 0.07	1,012	2.09 0.01	..	18.87 0.13 14.00 0.10 17.81	0.11	17.85 0.13	- 0.14	- 1.84 - 0.01	..
1953-54 ..	285 908	104.889 9.59 98.40 0.55 140.06 0.51 126.07	102.83 0.58 96.35 0.54 140.56 0.51 126.07	1.74 0.01	14.34 0.08	4.51 0.02	10.33 0.06	1,208	10.12 0.06	504	2.88 0.02	..	17.81 0.10 11.33	0.18	15.53 0.10	- 0.25	2.05 0.10	41.55 0.23
1954-55 ..	368 011	0.55 155.74 0.59 170.71 0.54 155.98 0.53 184.49 0.52	0.55 155.57 0.58 168.54 0.53 152.86 0.50 173.17 0.52	2.02 0.01	20.75 0.06	- 3.90 0.01	16.35 0.05	1,366	12.33 0.04	351	2.41 0.01	0.80	22.83 0.11 8.34	0.23	46.97 0.20	- 0.89	- 0.50	45.30 0.20
1955-56 ..	508 024	0.59 170.71 0.54 155.98 0.53 184.49 0.52	0.58 168.54 0.53 152.86 0.50 173.17 0.52	2.02 0.01	20.75 0.06	- 3.90 0.01	16.35 0.05	1,366	12.33 0.04	351	2.41 0.01	0.80	22.83 0.11 8.34	0.23	46.97 0.20	- 0.89	- 0.50	45.30 0.20
1956-57 ..	514 361	0.53 184.49 0.52	0.50 173.17 0.52	..	24.21 0.67	14.45 0.04	9.76 0.08	1,233	14.68 0.05	585	3.09 0.01	..	26.91 0.08 11.42	0.29	54.67 0.17	- 1.40	6.32 0.02	83.26 0.26

APPENDICES

Mettur System.

1952-53 ..	137 018	70.36 0.82 40.53 0.47 88.79 0.73 57.99 0.43 123.81 0.81 72.35 0.47 182.37 1.22 85.31 0.87 185.09 1.19 118.41 0.75	72.40 0.85 43.07 0.50 94.95 0.78 63.56 0.53 123.67 0.81 72.31 0.47 161.98 1.21 87.92 0.66 180.23 1.14 110.55 0.70	1.31 0.02	11.08 0.13	- 2.97 - 0.04	8.11 0.09	1,141	7.80 0.09	518	3.53 0.04	..	33.81 0.39 3.08 0.04 37.91 0.31 7.11	0.08	19.06 0.22	- 0.68	2.54 0.03	..
1953-54 ..	193 277	0.47 88.79 0.73 57.99 0.43 123.81 0.81 72.35 0.47 182.37 1.22 85.31 0.87 185.09 1.19 118.41 0.75	0.50 94.95 0.78 63.56 0.53 123.67 0.81 72.31 0.47 161.98 1.21 87.92 0.66 180.23 1.14 110.55 0.70	1.35 0.01	10.82 0.09	5.47 0.05	5.35 0.04	1,055	6.94 0.06	508	2.11 0.02	..	37.91 0.31 7.11	0.18	14.11 0.12	- 0.74	- 5.56 0.05	27.14 0.22
1954-55 ..	245 416	0.43 123.81 0.81 72.35 0.47 182.37 1.22 85.31 0.87 185.09 1.19 118.41 0.75	0.53 123.67 0.81 72.31 0.47 161.98 1.21 87.92 0.66 180.23 1.14 110.55 0.70	12.65 0.08	10.14 0.06	2.51 0.02	2.51 0.02	1,109	7.74 0.05	291	1.42 0.01	..	61.98 0.49 10.23	0.13	14.23 0.09	- 1.18 - 0.01	0.14 0.01	35.37 0.24
1955-56 ..	213 761	0.47 182.37 1.22 85.31 0.87 185.09 1.19 118.41 0.75	0.47 161.98 1.21 87.92 0.66 180.23 1.14 110.55 0.70	1.18 0.01	14.77 0.11	- 4.37 - 0.03	10.46 0.08	445	8.23 0.06	206	1.98 0.02	..	83.19 0.62 9.13	0.19	17.87 0.13	- 0.84 - 0.01	0.39 0.01	89.83 0.30
1956-57 ..	253 980	0.87 185.09 1.19 118.41 0.75	0.66 180.23 1.14 110.55 0.70	1.89 0.01	18.85 0.12	16.43 0.10	2.42 0.02	1,535	11.24 0.07	352	2.26 0.01	..	80.90 0.51 11.22	0.24	32.59 0.21	- 12.00 - 0.01	7.86 0.05	50.69 0.32

Papanasam System.

1952-53 ..	104 500	37.51 0.57 25.62 0.54 70.58 0.90 68.85 0.88 82.36 0.90 78.67 0.86	37.00 0.56 25.20 0.53 69.21 0.93 67.43 0.86 82.50 0.91 79.51 0.87	0.58 0.01	7.62 0.11	- 1.84 - 0.02	5.78 0.09	607	4.65 0.07	1,005	1.44 0.02	..	15.52 0.23 13.63	0.40	8.88 0.13	- 0.16	- 0.42 0.01	..
1953-54 ..	125 637	0.54 70.58 0.90 68.85 0.88 82.36 0.90 78.67 0.86	0.53 69.21 0.93 67.43 0.86 82.50 0.91 79.51 0.87	0.09 0.01	9.22 0.12	8.18 0.04	6.84 0.08	715	5.59 0.07	1,388	3.21 0.04	12.82 0.16	4.32 0.06 3.09	- 0.16	14.22 0.18	- 0.26	1.37 0.02	22.31 0.28
1954-55 ..	146 621	0.86 82.36 0.90 78.67 0.86	0.86 82.50 0.91 79.51 0.87	0.94 0.01	12.04 0.13	6.71 0.07	5.33 0.06	790	3.71 0.04	495	2.61 0.03	17.57 0.19	9.05 0.10 5.36	0.13	15.57 0.16	- 0.67 - 0.01	- 1.14 - 0.01	29.26 0.32

APPENDIX C-1—cont.

STATEMENT SHOWING THE UNITS GENERATED, WORKING EXPENSES AND THE COST PER UNIT GENERATED UNDER EACH MAIN HEAD OF EXPENSES (1956-57)—cont.

Financial year.	Units generated in millions units.	Provincial establishment and officers.			Operation subordinate Service.		Nominal muster roll.		Fuel and lubricants.			Operation and maintenance other than establishment.		Works expenditure financed from ordinary revenues.		Depreciation reserve fund and special reserve fund.		Tools and plant.		Suspense.	Interest.
		Gross.	Losses 1000-Verles.	Net.	Number employed.	Amount.	Number employed.	Amount.	(13)	(14)	(15)	(16)	(17)	(18)	(19)						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)			
(IN LAKHS OF RUPEES.)																					
Papamam System—cont.																					
1954-55	.. 148,274	102.03	98.79	9.77	13.95	— 2.74	11.21	4.23	2.14	11.18	16.77	0.25	13.38	— 0.47	3.29	34.33					
		1.10	1.06	0.01	0.15	— 0.08	0.02	0.05	0.02	0.12	0.18	0.20	— 0.20	— 0.01	0.04	0.87					
		95.74	92.45								10.43										
		1.03	0.99								0.11										
1955-57	.. 135,113	140.77	135.73	1.09	17.65	11.57	6.08	8.08	2.61	24.10	21.89	0.20	28.37	— 1.16	5.04	44.47					
		1.67	1.61	0.01	0.21	0.14	0.07	0.10	0.03	0.28	0.26	0.20	0.34	— 0.01	0.06	0.53					
		129.39	124.35								10.51										
		1.53	1.47								0.12										
Abstract for Hydro Areas.																					
1952-53	.. 463,118	184.77	168.73	3.37	31.20	— 7.82	23.32	21.44	7.06	68.20	0.59	45.79	— 1.10	3.36	..						
		0.87	0.58	0.01	0.11	— 0.03	0.08	0.07	0.03	0.24	0.18	0.15	— 0.01	0.01	..						
		128.18	132.14							31.61											
		0.44	0.45							0.11											
1953-54	.. 604,872	264.25	266.39	3.71	34.88	13.16	21.72	28.65	8.20	12.82	60.54	0.14	46.86	— 1.25	2.14	91.00					
		0.69	0.70	0.01	0.10	0.04	0.06	0.06	0.02	0.04	0.16	0.14	0.12	0.01	0.01	9.28					
		225.24	227.88							21.53											
		0.59	0.60							0.06											

APPENDIX C-1—cont.
STATEMENT SHOWING THE UNITS GENERATED, WORKING EXPENSES AND THE COST PER UNIT GENERATED
UNDER EACH MAIN HEAD OF EXPENSES (1956-57)—cont.

Financial year.	Units generated in millions units.	Provincial establishment and officers.			Operation Subordinate Service.			Nominal muster roll.			Fuel and lubricants.			Operation and maintenance expenses other than establishment.	Works expenditure financed from ordinary revenues.	Depreciation fund and special reserve fund.	Tools and plant.	Expense.	Interest.
		Gross.	Less retires.	Net.	Number employed.	Amount.	Number employed.	Amount.	Number employed.	Amount.	Number employed.	Amount.	Number employed.							Amount.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
(IN LAKHS OF RUPEES.)																			
Madras System.																			
1953-54 ..	152-174	147-45	132-21	1-93	10-64	- 2-82	7-82	782	5-08	1,069	7-79	81-94	23-16	..	24-59	-0-10	15-24	..	..
		1-55	1-39	0-02	0-11	-0-03	0-08		0-05		0-08	0-65	0-25		0-26		0-16		
		144-63	129-38										20-33						
1954-55 ..	152-908	1-52	1-36	2-17	12-16	5-84	6-32	961	9-87	1,321	11-24	59-90	0-22	0-03	31-01	-0-39	8-53	28-94	..
		173-01	164-48	0-02	0-13	0-06	0-07		0-10	0-12	0-12	0-63	0-16		0-32		0-09	0-30	..
		181	172										10-61						
		168-23	159-70																
1954-55 ..	171-495	1-76	1-67	2-56	14-75	9-33	5-42	902	9-66	1,252	10-19	54-31	0-11	0-06	33-72	-0-80	-4-24	38-25	..
		173-78	178-02	0-02	0-14	0-09	0-05		0-09	0-10	0-10	0-50	0-23		0-32	-0-01	-0-04	0-36	..
		162-51	166-75										18-38						
1955-56 ..	183-257	1-62	1-56	1-92	15-72	- 4-16	11-56	1,706	13-72	1,872	8-30	55-65	0-16	0-07	37-30	- 9-78	- 7-99	48-83	..
		191-83	199-32	0-01	0-14	0-04	0-10		0-12	0-07	0-07	0-49	0-22		0-33	-0-01	-0-07	0-41	..
		187	174										12-04						
		178-32	186-31																
1956-57 ..	233-289	2-63	2-84	2-63	20-32	18-73	3-59	2,339	15-34	438	8-69	70-24	0-62	0-10	50-21	-1-63	- 3-19	59-05	..
		235-65	238-84	0-02	0-14	0-12	0-02		0-11	0-06	0-06	0-48	0-21	0-06	0-35	-0-01	-0-02	0-41	..
		224-07	227-26										19-64						
		1-56	1-57										0-13						
Departmental total.																			
1953-54 ..	615-202	312-22	300-94	5-30	41-84	-19-64	31-20	3,575	26-52	3,604	14-85	61-94	91-36	0-59	70-38	-1-20	11-88	..	..
		0-81	0-78	0-01	0-11	0-03	0-08		0-07	0-04	0-04	0-16	0-24	0-59	0-18		0-03	..	..
		272-90	261-62										50-94						
		0-71	0-63										0-						

NOTE.—(1) The denominator gives the cost in annas per unit generated.
 (2) The second set of figures under columns (3), (4) and (14) give the cost excluding cost of power purchased from other systems.
 (3) Figures under columns (3) and (4) from 1953-54 include interest charges.

XII. RECEIPTS FROM ELECTRICITY SCHEMES—WORKING EXPENSES—STATEMENT SHOWING GROSS REVENUE, WORKING EXPENSES AND THE PROPORTION OF EXPENSES UNDER EACH MAIN HEAD TO GROSS REVENUE.

HYDRO AREAS.

Financial year.	(1)	(2)	(3)	(4)	Provincial establishment and officers.			Subordinate Service.			Nominal muster roll.			(13)	(14)	(15)	(16)	(17)	(18)	(19)
					(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)								
					Gross.	Less recoveries.	Net.	Number employed.	Amount.	Number employed.	Amount.	Fuel and lubricants.	Operation and maintenance other than establishment.	Works expenditure financed from ordinary revenue.	Depreciation reserve fund and special reserve fund.	Tools and plant.	Suspense.	Interest.		
Pykara System.																				
(IN LAKHS OF RUPEES.)																				
1952-53 .. 118.28	56.90	58.74	1.48	12.50	3.01	9.49	1,045	8.99	1,042	2.09	..	18.87	0.11	17.85	0.14	1.84	..	..		
1953-54 .. 139.31	48.11	49.67	1.25	10.57	2.56	8.02	760	7.60	504	1.77	..	15.96	0.09	15.09	0.11	1.56	..	..		
1954-55 .. 176.43	104.88	102.83	1.74	14.84	4.51	10.33	1,298	10.12	504	2.88	..	17.81	0.12	18.53	0.25	2.05	41.55	..		
1955-56 .. 220.94	75.28	73.81	1.25	10.65	3.24	7.41	726	7.26	351	2.07	..	12.78	0.09	13.30	0.17	1.57	29.82	..		
1956-57 .. 244.98	140.06	140.56	2.21	18.02	10.16	7.86	1,366	12.84	351	2.41	0.80	22.53	0.23	46.97	0.80	0.50	45.30	..		
1957-58 .. 287.75	79.67	79.67	1.25	10.21	5.76	4.45	728	7.28	234	1.37	0.45	12.74	0.13	26.62	0.50	0.28	25.68	..		
1958-59 .. 311.10	185.74	183.57	2.02	20.75	3.90	16.85	1,552	12.88	234	2.78	0.87	31.71	0.22	50.61	0.56	2.17	66.19	..		
1959-60 .. 344.98	94.07	88.09	0.91	9.39	1.77	7.62	582	5.82	585	1.26	0.39	14.36	0.10	22.91	0.55	0.98	29.96	..		
1960-61 .. 387.75	198.93	192.66	2.45	24.21	14.45	9.76	1,233	14.63	585	3.09	..	25.91	0.19	54.67	1.40	6.32	83.26	..		
1961-62 .. 430.55	81.24	78.66	1.00	9.83	5.90	3.98	597	5.97	518	4.26	..	10.59	0.12	22.32	0.57	2.58	33.99	..		
Mettur System.																				
1952-53 .. 103.55	70.36	72.90	1.13	11.08	2.97	8.11	1,141	7.80	518	3.53	..	33.81	0.08	19.06	0.80	2.54	..	..		
1953-54 .. 110.01	67.95	70.40	1.26	10.70	2.87	7.83	753	7.53	508	3.41	..	32.65	0.08	18.41	0.97	2.45	..	..		
1954-55 .. 141.10	88.79	84.35	1.35	10.82	5.47	5.35	694	6.94	508	2.11	..	37.91	0.13	14.11	0.74	5.56	27.14	..		
1955-56 .. 176.43	80.71	85.76	1.23	9.83	4.97	4.86	631	6.31	291	1.92	..	34.46	0.16	12.82	0.67	5.05	24.67	..		
1956-57 .. 244.98	123.81	123.67	1.77	12.65	10.14	2.51	1,109	7.74	291	1.42	..	61.68	0.13	14.23	1.18	0.14	35.37	..		
1957-58 .. 287.75	87.55	87.65	1.25	8.96	7.18	1.78	549	5.49	1,011	1.01	..	43.71	0.08	10.09	0.83	0.10	25.06	..		

Mettur System.

1952-53 .. 159.77	103.37	101.38	1.18	14.77	4.37	10.40	445	8.23	204	1.93	..	83.19	0.10	17.87	0.34	0.39	39.83	..	..
1953-54 .. 180.33	101.63	101.38	0.74	8.24	2.73	5.51	315	5.51	352	1.21	..	82.83	0.12	11.18	0.53	0.25	24.93	..	..
1954-55 .. 190.33	188.09	180.23	1.89	18.85	16.43	2.42	1,355	11.24	352	2.26	..	80.90	0.24	32.59	2.00	7.86	50.69	..	..
1955-56 .. 214.53	101.82	94.70	0.99	9.90	5.63	1.27	591	5.91	1,911	1.91	..	42.51	0.13	17.12	1.05	4.12	26.63	..	..
1956-57 .. 244.53	37.51	37.09	0.58	7.62	1.84	5.78	607	4.65	1,005	1.44	..	15.52	0.40	8.88	0.16	0.42	39.83	..	..
1957-58 .. 276.33	63.80	63.03	1.06	13.98	3.38	10.60	853	8.53	2,641	2.64	..	28.46	0.75	16.29	0.30	0.77	22.31	..	..
1958-59 .. 307.06	70.58	68.21	0.62	9.22	3.18	6.04	715	5.59	1,388	3.21	12.82	4.32	0.16	14.22	0.26	1.37	22.31	..	..
1959-60 .. 347.16	132.24	119.87	1.07	15.97	5.51	10.46	968	9.68	485	5.56	22.20	8.35	0.27	24.63	0.45	2.37	38.64	..	..
1960-61 .. 387.06	82.36	83.50	0.94	12.04	6.71	5.33	790	3.71	485	2.61	17.57	9.05	0.13	15.57	0.67	1.14	29.26	..	..
1961-62 .. 427.06	109.58	111.10	1.25	16.02	8.93	7.09	494	4.94	435	3.47	23.38	12.04	0.17	20.72	0.89	1.52	38.33	..	..
1962-63 .. 467.06	102.08	98.79	0.77	13.95	2.74	11.21	759	4.23	435	2.14	11.18	16.77	0.25	18.38	0.47	1.52	34.33	..	..
1963-64 .. 507.06	117.79	114.00	0.89	16.10	3.16	12.94	1,069	4.86	475	2.46	12.90	19.35	0.20	21.11	0.54	3.70	39.61	..	..
1964-65 .. 547.06	140.77	135.73	1.09	17.65	11.57	6.08	1,069	8.08	475	2.61	24.10	21.89	0.20	23.37	1.16	5.04	44.47	..	..
1965-66 .. 587.06	122.91	118.51	0.95	15.41	10.10	5.31	705	7.05	2,281	2.28	21.04	19.11	0.17	24.77	1.01	4.40	38.84	..	..

Abstract for Hydro Areas.

Madras Electricity System.

1952-53 .. 155.12	147.45	132.21	1.93	10.64	2.82	7.32	782	5.08	1,089	7.79	61.94	23.16	0.59	45.79	1.10	3.96	15.24	..	..
1953-54 .. 173.45	95.05	85.23	1.24	6.86	1.82	5.04	961	3.27	1,321	5.02	39.93	14.93	0.21	16.57	0.39	1.43	9.82	..	..
1954-55 .. 204.58	99.74	94.82	1.26	7.01	2.37	5.69	902	3.04	1,252	6.48	34.54	8.87	0.03	15.85	0.05	0.39	28.94	..	..
1955-56 .. 244.58	173.76	178.02	2.86	14.75	9.33	5.43	902	5.69	1,252	6.48	34.54	8.87	0.03	17.88	0.22	4.92	16.68	..	..
1956-57 .. 287.06	84.96	187.02	1.25	7.21	4.56	2.03	479	4.79	2,655	4.98	26.55	13.05	0.03	16.48	0.39	2.07	18.70	..	..

APPENDIX C-2—cont. ALL RECEIPTS FROM ELECTRICITY SCHEMES—WORKING EXPENSES—STATEMENT SHOWING GROSS REVENUE, WORKING EXPENSES AND THE PROPORTION OF EXPENSES UNDER EACH MAIN HEAD TO GROSS REVENUE—cont.

HYDRO AREAS—cont.

Financial year.	Gross revenue.	Gross expenditure.	Working expenses excluding suspense.	Managing agency fees.	Provincial establishment and officers.			Operation subordinate service.			Nominal muster roll.			Fuel and lubricants.	Operation and maintenance expenses other than establishments.	Works expended from ordinary revenue.	Depreciation fund and reserve fund.	Tools and plant.	Suspense.	Interest.
					Gross.	Losses.	Net.	Number employed.	Amount.	Number employed.	Amount.	Number employed.	Amount.							
(IN LAKHS OF RUPEES.)																				
Madras Electricity System—cont.																				
1952-53 ..	224.77	181.88	199.82	1.62	15.72	-4.15	11.53	1,706	13.72	1,872	8.30	55.65	25.55	0.07	37.30	-0.78	-7.99	46.83		
		85.35	88.89	0.72	6.99	1.85	8.14		6.11	3.69		24.76	11.37	0.03	16.59	-0.35	-3.55	20.84		
1953-54 ..	203.64	23.65	238.84	2.63	20.32	16.73	3.59	2,239	15.34	438	8.69	70.24	30.62	0.10	50.21	(-) 1.63	(-) 3.19	59.05		
		80.38	80.59	1.00	7.71	6.35	1.36		5.82	3.29		26.64	11.62	0.04	19.04	(-) 0.62	(-) 1.21	22.40		
Departmental total.																				
1952-53 ..	431.45	312.22	300.94	5.30	41.84	-10.64	31.20	3,575	26.52	3,604	14.85	61.94	91.36	0.59	70.38	-1.20	+ 11.28			
		72.40	69.89	1.20	9.70	-2.40	7.30		6.10	3.40		14.40	21.20	0.10	16.30	-0.30	+ 2.60			
1953-54 ..	480.51	437.26	430.87	5.86	47.04	19.00	28.04	4,029	32.52	3,671	19.44	72.72	75.93	0.17	77.87	-1.64	6.39	119.94		
		90.90	80.66	1.22	9.79	3.95	5.84		6.77	4.04		15.13	15.80	0.03	16.21	-0.34	1.33	24.96		
1954-55 ..	597.25	520.01	525.76	7.43	57.46	36.34	21.12	4,167	33.95	2,339	16.63	72.68	118.21	0.55	110.49	-3.54	-5.74	148.18		
		87.07	88.03	1.25	9.62	6.08	3.64		5.68	2.79		12.17	18.79	0.09	18.50	-0.50	-0.95	24.81		
1955-56 ..	602.14	6.20	644.16	5.59	65.19	-15.17	50.02	4,452	39.06	2,747	15.15	8.79	157.22	0.73	124.16	-2.65	-2.14	187.18		
		93.07	93.07	0.81	9.42	-2.19	7.23		5.64	2.19		9.78	22.72	0.11	17.93	-0.38	-0.32	37.04		
1956-57 ..	813.43	763.49	747.46	8.06	81.03	59.16	21.85	6,076	49.29	1,850	16.66	94.34	159.32	0.83	165.84	(-) 6.19	-16.03	237.47		
		93.36	91.39	0.99	9.96	7.28	2.68		6.06	2.05		11.60	19.59	0.10	20.39	(-) 0.76	1.97	29.19		

NOTE.—(1) The denominator gives the percentage of expenditure to gross revenue.
(2) Figures under columns (3) and (4) from 1953-54 include interest charges.

APPENDICES

APPENDIX C-3.

STATEMENT SHOWING COST OF OPERATION AND MAINTENANCE EXPENSES AS A PERCENTAGE ON REVENUE PER UNIT SOLD.

HYDRO AREAS.

System.	Operation and maintenance, Operation Subordinate Service and Establishment expenses as a percentage on revenue per unit sold.										Revenue realized per unit from miscellaneous revenue other than interest on securities.		
	Operation and maintenance.					Operation Subordinate Service.					Cost per unit sold including interest.		
	Unit sold to consumers (in lakhs of units).	Revenue per unit sold.	Expenses, Cost, anna in lakhs per unit of rupees. sold.	Percentage of cost to Revenue per unit sold.	Percentage of cost to Revenue per unit sold.	Expenses, Cost, anna in lakhs per unit of rupees. sold.	Percentage of cost to Revenue per unit sold.	Percentage of cost to Revenue per unit sold.	Percentage of cost to Revenue per unit sold.	Percentage of cost to Revenue per unit sold.	Cost per unit sold including interest.	Revenue realized per unit from miscellaneous revenue other than interest on securities.	
1952-53—													
Pylara ..	3,012.66	0.60	20.96	0.11	18.33	8.99	0.05	8.33	18.98	0.07	11.66	0.03	
Mettur ..	2,154.60	0.75	37.34	0.28	37.33	7.80	0.06	8.00	12.39	0.09	12.00	0.05	
Papanasam ..	1,080.99	0.79	16.96	0.25	31.65	4.65	0.07	8.87	8.20	0.12	15.19	0.04	
1953-54—													
Pylara ..	2,869.48	0.75	20.69	0.12	16.00	10.12	0.06	8.00	16.58	0.09	12.00	0.04	
Mettur ..	2,476.89	0.89	40.02	0.26	37.68	6.94	0.04	5.80	12.17	0.08	11.59	0.06	
Papanasam ..	1,141.96	0.79	20.86	0.29	36.71	5.59	0.08	10.13	9.84	0.14	17.72	0.06	
1954-55—													
Pylara ..	3,746.88	0.73	26.04	0.11	16.07	12.34	0.05	6.85	20.23	0.09	12.33	0.02	
Mettur ..	3,332.25	0.66	63.10	0.30	48.45	7.74	0.04	6.06	14.42	0.07	10.61	0.03	
Papanasam ..	1,366.19	0.87	29.23	0.34	39.08	3.71	0.04	4.60	12.96	0.13	17.24	0.08	
1955-56—													
Pylara ..	4,904.99	0.69	35.36	0.11	16.39	12.38	0.04	5.94	18.87	0.06	8.81	0.02	
Mettur ..	3,790.06	0.66	85.12	0.36	54.39	8.23	0.03	5.15	11.58	0.05	7.27	0.03	
Papanasam ..	1,486.19	0.91	30.09	0.32	35.04	4.23	0.05	4.94	11.96	0.13	14.06	0.07	
1956-57—													
Pylara ..	4,848.42	0.78	29.00	0.10	13.84	14.63	0.05	6.41	12.21	0.04	5.18	0.03	
Mettur ..	3,717.99	0.80	83.16	0.36	48.60	11.24	0.05	6.25	4.31	0.02	2.60	0.05	
Papanasam ..	1,619.23	1.10	49.60	0.49	42.44	8.08	0.08	7.27	7.17	0.07	6.96	0.09	

STATEMENT SHOWING COST OF OPERATION AND MAINTENANCE EXPENSES AS A PERCENTAGE ON REVENUE PER UNIT SOLD—cont.

THERMAL AREAS.

Operation and maintenance, Operation Subordinate Service and Establishment expenses as a percentage on revenue per unit sold.

System.	Unit sold to consumers (lakhs of units).	Revenue per unit sold.	Operation and maintenance.		Operation Subordinate Service.		Establishment.		Cost per unit—old including interest.	Revenue realized per unit from miscellaneous revenue other than interest on securities.
			Expenses in lakhs.	Cost, anna per unit sold.	Percentage of cost to Revenue per unit sold.	Expenses in lakhs.	Cost, anna per unit sold.	Percentage of cost to Revenue per unit sold.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1949-50— Madras ..	1,369.67	1.79	92.89	1.09	80.90	5.08	0.06	3.35	3.38	0.15
1953-54— Madras ..	1,503.90	1.82	86.53	0.92	50.55	9.87	0.11	6.04	8.24	0.15
1954-55— Madras ..	1,773.75	1.91	89.15	0.80	44.20	9.66	0.09	5.00	8.84	0.16
1955-56— Madras ..	1,913.97	1.84	89.50	0.75	40.06	13.72	0.11	6.19	5.97	0.11
1956-57— Madras ..	2,312.13	1.78	109.55	0.76	42.70	15.34	0.11	6.18	2.25	0.04

NOTE.—Figures under column (3) represent total gross receipts less interest on securities. Column (13).—"Cost per unit sold" represents gross cost per unit sold including interest.

APPENDICES

APPENDICES

APPENDIX C-4.

Details of capital outlay, gross revenue working expenses and net revenue of the systems are furnished hereunder.

Name of system.	Year of operation.	Total Capital outlay.	Gross revenue.	Total working expenses.	Net revenue (column 4—column 5).
(1)	(2)	(3)	(4)	(5)	(6)
(RUPEES IN LAKHS.)					
I. Hydro-Electric System—					
1 Pykara electric system ..	Twenty-fourth.	1,874.57	244.93	109.40	135.53
2 Mettur electric system ..	Twentieth.	1,228.64	190.33	129.54	60.79
3 Papanasam electricity system.	Thirteenth.	1,066.79	114.53	91.26	23.27
II. Thermal—					
1 Madras electricity system.	Tenth.	1,359.33	263.64	179.79	83.85
Total ..		5,529.33	813.43	509.99	803.44

APPENDIX C-4—cont.
Financial results—Pykara.

Capital in operation—Ra. 19,34,87,503.

EXPENDITURE.

Details.	RS.
To Generation	9,61,959
„ Transmission	4,40,685
„ Distribution	10,90,210
„ Commercial	1,74,893
„ Cost of power purchased ..	14,48,608
„ Administration and General charges.	13,56,958
„ Contribution to Reserve Funds.	54,67,189
„ Excess receipts over Expenditure.	1,35,52,456

RECEIPTS.

Details.	Unit in millions.		Revenue.		Total.
	H.T.	L.T.	H.T.	L.T.	
By Domestic light and power.	..	14.257	..	34,01,075	34,01,075
„ Commercial	0.060	3.628	5,135	3,77,751	3,82,886
„ Street lights	..	2.507	..	6,22,643	5,22,643
„ Industrial	150.743	13.976	61,85,607	9,50,936	71,36,543
„ Agricultural	0.383	59.884	18,946	41,15,086	41,34,032
„ Traction	..	..	..	..	..
„ Bulk supply to licensees.	36.644	..	14,31,692	..	14,31,692
„ Government Departments.	7.082	0.072	..	..	..
„ Miscellaneous	0.435	1.117	6,49,985	85,718	7,35,703
Total	195.347	95.141	82,91,365	94,53,209	1,77,44,574
„ Sales to other systems ..	193.854	..	48,46,357	..	48,46,357
Total sale of power	389.201	95.141	1,31,37,722	94,53,209	2,25,90,931
„ Miscellaneous revenue ..	..	..	..	..	8,89,506
Total	..	..	..	..	2,34,80,437
„ Interest on securities ..	..	..	..	..	10,12,521
Grand total	..	..	..	..	2,44,92,958

Capital in operation Ra.—13,02,42,179

EXPENDITURE.

Details.	RS.
To Generation	6,24,259
„ Transmission	8,84,665
„ Distribution	17,28,780
„ Commercial	79,457
„ Cost of power purchased ..	69,67,603
„ Administration and General charges.	(—) 5,89,865
„ Contribution to Reserve Funds.	32,58,696
„ Excess receipts over Expenditure.	60,79,134

RECEIPTS.

Details.	Unit in millions.		Revenue.		Total.
	H.T.	L.T.	H.T.	L.T.	
By Domestic light and power.	..	7.489	..	20,25,191	20,25,191
„ Commercial	9.861	0.596	3,62,168	1,08,450	4,70,618
„ Street lights	..	1.706	..	3,89,858	3,89,858
„ Industrial	36.883	16.842	11,62,517	12,10,515	23,63,032
„ Agricultural	..	34.610	..	24,72,833	24,72,833
„ Traction	..	..	..	..	..
„ Bulk supply to licensees.	182.766	..	73,35,016	..	73,35,016
„ Government Departments.	3.119	0.350	1,60,784	33,581	1,94,365
„ Miscellaneous	..	0.176	..	1,65,535	1,65,535
Total	232.639	61.768	90,10,485	64,05,963	1,54,16,448
„ Sales to other systems ..	77.402	..	19,35,063	..	19,35,063
Total sale of power	310.031	61.768	1,09,45,548	64,05,963	1,73,51,511
„ Miscellaneous revenue ..	..	..	..	..	11,22,401
Total	..	..	..	..	1,84,73,912
„ Interest on securities ..	..	..	..	..	5,58,797
Grand total	..	..	..	..	1,90,32,709

Financial results—Papanasam.

Capital in operation Rs.—11,27,52,866

EXPENDITURE.

Details.

	RS.
To Generation	32,55,898
" Transmission	2,90,340
" Distribution	5,01,546
" Commercial	1,14,969
" Cost of power purchased ..	11,38,418
" Administration and General charges.	9,87,839
" Contribution to Reserve Funds.	28,37,372
" Excess receipts over Expenditure.	28,26,889

RECEIPTS.

Unit in millions.

Details.

	H.T.	L.T.	Revenue.	Total.
	H.T.	L.T.	RS.	RS.
By Domestic light and power.	0.120	9.798	9,776	30,41,258
" Commercial	..	0.386	..	1,05,214
" Street lights	..	2.422	..	5,16,135
" Industrial	52.931	12.821	20,53,776	31,46,644
" Agricultural	0.342	10.719	22,573	7,33,880
" Traction	..	..	..	..
" Bulk supply to licensees.	42.793	..	18,30,810	18,30,810
" Government Departments.	1.792	..	1,33,274	1,33,274
" Miscellaneous	0.168	0.781	11,095	24,240
Total	91.146	36.927	40,61,304	55,13,595
" Sales to other systems ..	26.860	..	6,71,574	6,71,574
Total sale of power	125.006	36.927	47,32,878	55,13,595
" Miscellaneous	..	..	..	8,99,082
" Interest on securities	..	..	..	3,07,716
Total	..	..	..	1,14,53,271

APPENDICES

Financial results—Māras.

Capital in operation Rs.—14,50,89,817

EXPENDITURE.

Details.

	RS.
To Generation	93,34,209
" Transmission	92,180
" Distribution	18,51,875
" Commercial	4,69,160
" Cost of power purchased ..	11,58,029
" Administration and General charges.	51,996
" Contribution to Reserve Funds.	50,21,062
" Excess receipts over Expenditure.	83,85,359

RECEIPTS.

Unit in millions.

Details.

	H.T.	L.T.	Revenue.	Total.
	H.T.	L.T.	RS.	RS.
By Domestic light and power.	9.946	44.447	91,797	92,22,187
" Commercial	7.667	15.773	7,01,960	19,37,174
" Street lights	4.116	1.042	2,89,627	2,23,780
" Industrial	50.477	9.062	36,49,012	8,00,851
" Agricultural	..	20.405	..	14,03,458
" Traction	12.764	..	13,07,496	17,240
" Bulk supply to licensees.	..	..	..	..
" Government Departments.	..	6.528	..	11,02,682
" Miscellaneous	14.214	2.053	2,41,842	2,44,135
Total	90.184	99.310	62,81,734	1,49,51,507
" Sales to other systems ..	41.724	..	32,59,664	32,59,664
Total sale of power	131.908	99.310	95,41,398	1,49,51,507
" Miscellaneous revenue ..	..	..	..	12,28,240
Total	..	..	..	2,57,21,145
" Interest on securities	..	..	..	6,42,725
Grand total	..	..	..	2,63,63,870

APPENDICES

APPENDIX D-1.

List of electric supply undertakings in service on 31st March 1957.

(a) Local authorities.	(b) Company or licensees.	(c) Company or licensees—cont.
1 Coimbatore.	1 Kumbakonam.	5 Shencottah.
2 Karur.	2 Mayavaram-Mannargudi.	6 Salem-Erode.
3 Madurai.	3 Tiruvarur.	7 Tiruchirappalli-Srirangam.
4 Pollachi.	4 Nagapattinam.	8 Tiruvelveli-Tuticorin.
5 Tanjore.	5 South Arcot.	9 Vellore.

APPENDIX D-2.

Licensees under construction.

Nil.

APPENDIX D-3.

New applications for licensees received.

Nil.

APPENDIX D-4.

List of undertakings put into service.

Nil.

APPENDIX D-5.

List of licensees who reduced their tariffs.

Nil.

APPENDIX D-6.

List of licensees who increased their tariffs.

- 1 Messrs. Salem-Erode Electricity Distribution Company, Limited, Salem.
- 2 Messrs. Tiruvelveli-Tuticorin Electric Supply Company, Limited, Tuticorin.
- 3 Kumbakonam Electric Supply Corporation, Limited.
- 4 Nagapattinam Electric Supply Company, Limited.
- 5 Messrs. South Madras Electric Supply Corporation, Limited (Trichy-Srirangam Electric Licence).
- 6 Messrs. South Madras Electric Supply Corporation, Limited (Mayavaram-Mannargudi-Tiruvarur Electric Licence).
- 7 Vellore Electric Corporation, Limited.
- 8 Messrs. South Arcot Electricity Distribution Company, Limited.

APPENDIX D-7.

List of licensees charging more than 6 annas per unit for lighting and fans.

Nil.

APPENDIX E.

Total capacities of plants installed in electric supply undertakings in service in the State.

Serial number and name of undertaking.	Total installed capacity of plant in generating station.	Details of plant installed.	Type of prime mover.	Voltage of generation.
(1)	(2)	(3)	(4)	(5)

I. Licensee undertakings.

Nil.

II. Government undertakings.

1. Pykara system—				
(a) Pykara House.	Power 70,200 KW. ..	{ 3 x 7,310 KVA. 2 x 12,500 KVA. 2 x 14,000 KVA.	.. ..	Pelton wheel .. 11 KV.
(b) Moyar House.	Power 34,000 KW. ..	3 x 14,110 KVA. at 0.85 P.F.	.. ..	Impulse turbine. 11 KV.

APPENDIX E—cont.

Total capacities of plants installed in electric supply undertakings in service in the State—cont.

II. Government undertakings—cont.

Serial number and name of undertaking.	Total installed capacity of plant in generating station.	Details of plant installed.	Type of prime mover.	Voltage of generation.
(1)	(2)	(3)	(4)	(5)
2. Mettur system— Mettur Power House.	40,000 KW. ..	4 x 12,500 KVA. ..	.. ..	Reaction turbine. 11 KV.
3. Papanasam system— (a) Papanasam Power House.	23,000 KW. ..	4 x 7,250 KVA. ..	.. ..	Reaction turbine. 11 KV.
(b) Madurai Thermal station.	14,000 KW. ..	{ 1 x 4,000 KW. 1 x 10,000 KW. ..	.. ..	Steam turbine. 6.6 KV. 11 KV.
4. Madras system— (a) Basin Bridge 'A' station.	38,500 KW. ..	{ 1 x 6,250 KVA. 1 x 15,263 KVA. 1 x 7,500 KVA. 1 x 17,750 KVA. ..	.. ..	Steam turbine. 5 KV.
(b) Basin Bridge 'B' station.	30,000 KW. ..	2 x 17,650 KVA. ..	.. ..	Do. 11 KV.
Total for Government undertaking.	2,56,700 KW.			
Total for licensees ..	Nil.			
Total for State ..	2,56,700 KW.			

APPENDIX

Table of electric supply costs and

Serial number and name of undertaking.	Year of operation.	Year of accounts to which the figures refer.	System and supply of voltage.	Total generation or purchase cost per unit in annas.	Working cost per unit sold in annas.
(1)	(2)	(3)	(4)	(5)	(6)
				AS.	AS.
1 East Tanjore ..	22nd ..	1955-56 ..	..	0.52	1.06
2 Kumbakonam ..	24th ..	1955 ..	..	0.53	2.06
3 Nagapattinam ..	21st ..	1955 ..	..	0.56	1.51
4 Salem-Erode ..	24th ..	1955-56 ..	..	0.48	1.04
5 Shencottah ..	1955-56 ..	1955-56 ..	11,000 400/230	0.53	0.96
6 South Arcot ..	21st ..	1955 ..	..	0.49	1.25
7 Tirunelveli-Tuticorin.	23rd ..	1955-56 ..	..	0.45	1.08
8 Tiruchirappalli-Srirangam.	28th ..	1955-56 ..	..	0.30	0.77
9 Vellore ..	25th ..	1955-56 ..	..	0.48	1.17

Serial number and name of undertaking.	Year of operation.	Year of accounts to which the figures refer.	Traction.	Irrigation.	Public water works and sewage pumping.	Supplies in bulk to distributing licensees.
(1)	(2)	(3)	(14)	(15)	(16)	(17)
				AS.	AS.	AS.
1 East Tanjore ..	22nd ..	1955-56 ..	..	1.4	0.65	0.71
2 Kumbakonam ..	24th ..	1955 ..	..	2.00	0.75	..
3 Nagapattinam ..	21st ..	1955 ..	..	2.09	0.75	..
4 Salem-Erode ..	24th ..	1955-56 ..	..	0.88	..	..
5 Shencottah ..	1955-56 ..	1955-56 ..	..	NIL.	0.70	..
6 South Arcot ..	21st ..	1955 ..	..	1.10	0.97	..
7 Tirunelveli-Tuticorin.	23rd ..	1955-56 ..	..	0.99	1.22	..
8 Tiruchirappalli-Srirangam.	28th ..	1955-56 ..	..	1.3	0.65	..
9 Vellore ..	25th ..	1955-56 ..	..	1.00	0.7	..

Serial number and name of undertaking.	Year of operation.	Year of accounts to which the figures refer.	Depreciation for the year.	Depreciation fund at the end of the year.	Other reserves.	Total capacity of generating or receiving plants.	Maximum load on the feeders.
(1)	(2)	(3)	(24)	(25)	(26)	(27)	(28)
			RS.	RS.	RS.		
1 East Tanjore ..	22nd ..	1955-56 ..	2,19,570	18,53,023	14,255	..	4,353 KW.
2 Kumbakonam ..	24th ..	1955 ..	1,39,673	10,22,471	90,858	..	3,265 KVA.
3 Nagapattinam ..	21st ..	1955 ..	48,607	3,85,964	15,226	..	1,530 KW.
4 Salem-Erode ..	24th ..	1955-56 ..	1,19,344	12,68,593	1,35,938	..	5,370 KW.
5 Shencottah ..	1955-56 ..	1955-56 ..	11,210	..	..	725 KVA.	370 KW.
6 South Arcot ..	21st ..	1955 ..	2,12,492	15,62,479	98,499	..	6,485 KW.
7 Tirunelveli-Tuticorin.	23rd ..	1955-56 ..	1,04,623	12,09,031	50,103	..	8,864 KW.
8 Tiruchirappalli-Srirangam.	28th ..	1955-56 ..	3,35,063	20,11,353	84,066	..	12,512 KW.
9 Vellore ..	25th ..	1955-56 ..	37,727	6,57,420	87,740	..	2,530 KW.

F-1.

records—Company licensees.

Revenue per unit sold in annas.						
Domestic.		Commercial.		Industrial.		Public lighting.
Heat and power.	Light and fan.	Heat and power.	Light and fan.	Low and medium voltage.	High voltage.	
(7)	(8)	(9)	(10)	(11)	(12)	(13)
AS.	AS.	AS.	AS.	AS.	AS.	AS.
8.6		1.2		1.9		
2.00	4.30	1.93	2.00	1.00	..	1.97
2.10	4.73	1.75	2.42	1.27	0.60	2.00
1.57	3.31	1.20	1.49	0.85	0.53	1.33
NIL	4.50	NIL	NIL	1.00	0.74	..
1.77	4.87	1.27	3.6	0.90	0.75	2.00
1.60	3.39	1.18	3.79	0.98	0.49	1.33
3.0	3.2	1.4		0.86	0.40	1.5
					0.53.	2.37

Revenue per unit sold (overall).	Total operating cost including depreciation.	Revenue from electric supply only.	Total revenue from working.	Net profit from the balance-sheet (+) or (-).	Total capital expenditure up to the end of the year.
(18)	(19)	(20)	(21)	(22)	(23)
AS.	RS.	RS.	RS.	RS.	RS.
2.0	13,14,708	16,73,089	17,85,735	- 1,31,471	59,50,509
2.67	8,73,009	10,14,261	11,30,700	1,45,136	38,62,944
1.89	3,77,095	4,14,927	4,71,544	42,429	12,13,128
1.21	16,20,336	17,82,956	19,12,795	5,23,074	40,31,591
1.31	1,10,963	1,21,534	1,29,840	18,876	1,46,499
1.46	16,59,010	19,55,085	20,57,164	1,98,156	60,80,376
1.17	11,45,377	12,59,622	14,30,120	3,00,966	33,45,872
0.9	27,37,376	33,01,351	34,84,107	+ 5,24,632	1,01,75,143
1.39	7,79,630	9,23,935	9,79,084	1,68,818	24,25,931

Total units generated for the year.	Total units purchased for the year.	Load factor.	Total units sold in the year.	Total number of consumers at the end of the year.	Dividend declared on ordinary shares.
(29)	(30)	(31)	(32)	(33)	(34)
		PER CENT.			
..	1,57,57,111	33.72	1,28,55,426	18,722	9 per cent.
..	83,24,123	23.63	67,61,512	14,927	10 per cent.
..	45,68,820	20.73	39,84,586	4,985	31 per cent.
..	2,69,06,307	49.85	2,34,88,176	15,704	10 per cent, tax-free.
..	16,36,150	51.00	16,66,972	912	18,576 net profit.
..	2,61,32,632	37.09	2,10,73,445	10,769	6 1/2 per cent, tax-free.
..	1,93,39,372	50.07	1,69,45,601	13,503	10 per cent, tax-free.
..	7,23,68,698	51.78	5,67,38,350	24,932	9 per cent.
..	1,23,16,508	47.88	1,06,03,388	9,050	10 per cent, tax-free.

APPENDIX F-2.

Table of electric supply costs and records—Local Authorities.

Serial number and name of undertaking.	Year of operation.	Year of account to which the figures relate.	System and voltage of supply.	Revenue per unit sold.										Total expenditure against revenue [see Note (2)].	Revenue from electric supply.
				Total generation or purchase cost per unit.	Working cost per unit sold [see Note (2)].	Lights and fans.	Power.	Special contract.	Street lighting.	Total [see Note (12)].	AS.	AS.	AS.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	AS.	AS.	AS.	(12)	(13)
1 Ombitatore	1923 ..	1955-56 ..	A.C. 400/230 V. 50 cycles.	0.51	0.71	2.97	0.98	0.82	1.27	2.55	AS.	AS.	AS.	11,21,211	12,06,883
2 Madurai	1919 ..	1955-56 ..	Do.	0.85	1.24	0.51	3.1	0.70	1.5	2.6	AS.	AS.	AS.	12,57,113	5,82,447
3 Pollachi	1922 ..	1955-56 ..	Do.	1.26	1.4	3.6	0.82	NIL	2.00	1.92	AS.	AS.	AS.	2,32,718	2,64,598
4 Tanjore	1923 ..	1955-56 ..	Do.	0.68	1.42	2.85	1.00	0.59	1.75	2.2	AS.	AS.	AS.	3,23,461	4,34,937
5 Karaikal	1920 ..	1955-56 ..	Do.	0.59	1.2	4.06	0.87	..	2.0	1.2	AS.	AS.	AS.	1,37,439	2,10,654

APPENDICES

Serial number and name of undertaking.

Serial number and name of undertaking.	Total revenue from working.	Net profit (+) or (-) up to the end of the year as per General balance sheet.	Loans repaid during the year.	Total capital expenditure up to the end of the year.	Total capacity.	Maximum load on the feeders.	Units generated for the year.	Units purchased for the year.	Total number of units sold.	Total number of consumers at the end of the year.
	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1 Coimbatore	RS. 15,78,056	..	RS. 55,321	RS. 23,86,175	K.V.A. 4,475	3,630 KVA.	11,762,819	9,803,233	12,779	12,779
2 Madurai	.. 21,09,119	7,32,961	NIL	36,61,538	7,015	5,160 KVA.	10,581,713	16,865,437	10,788	10,788
3 Pollachi	.. 3,06,013	73,395	31,969	4,13,522	1,250	705 KW.	2,948,850	2,570,271	2,324	2,324
4 Tanjore	.. 5,11,056	+ 1,84,176	6,884	9,55,224	1,425	1,050 KW. (in Nov. 55)	4,332,415	3,704,648	4,036	4,036
5 Karaikal	.. 2,24,577	1,09,820	3,920	3,13,526	675	450 KW.	1,976,389	1,756,522	2,359	2,359

NOTE.—(1) All figures are calculated on a uniform basis according to the standard practice.

(2) Total expenditure including loan charges but less service connections.

(3) Excluding charges for service connection as given on the debtor side of No. III Revenue Account.

APPENDICES

APPENDIX F-3.

Statistical data for the administration report for the year ending 31st March 1957 (Company Licensees).

Total connected load in K.W. with consumption, revenue and number of consumers at the end of 1956-57.

Serial number and name of the licensee.	Number of units generated.	Number of units purchased.	Number of units sold.	Maximum demand in K.W.	Industrial.						
					Municipal.	Textiles.	Cement works.	Mines.	Tea estates.	Chemicals.	Steel rolling mills.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1 East Tanjore ..	..	15,955,545	12,809,099	182.5	(a) 128 (b) 310,980 (c) Ra. 38,451 (d) 37	..	..	..	..	..	..
2 Kumbakonam ..	..	3,397,250	7,072,435	2,970	(a) 58 (b) 305,207 (c) Ra. 32,972 (d) 12	..	..	..	..	..	..
3 Nagapattinam ..	..	5,232,335	4,641,288	1,596	(a) 7,800 (b) 2,258 (c) Ra. 25 (d) 2	..	..	..	..	..	..
4 Salem-Krode Electricity Distribution.	..	25,659,908	23,171,621	5,692	(a) 208 (b) 647,104 (c) Ra. 52,482 (d) 2	..	..	..	..	..	..
5 South Arcot Electricity Distribution.	..	26,816,949	22,348,631	6,240	(a) 73,265 (b) Villupuram (c) Chidambaram (d) 4	..	..	..	..	..	..
6 Tiruchirappalli-Srirangam Electric Licensee.	..	70,176,196	58,092,066	8,080	(a) 327 (b) 1,481,932 (c) Ra. 1,16,473 (d) 88	..	..	..	..	..	..
7 Tiruchirappalli-Tuticorin Electric Supply Co., Ltd.	..	19,111,508	16,854,241	4,625	(a) 16,480 (b) 18,854,241 (c) Ra. 1,30,794 (d) 1	..	..	..	..	..	..
8 Vellore (Vellore) ..	..	6,698,672	5,825,684	1,530	(a) 31,255 (b) 263,532 (c) Ra. 36,032 (d) 1	..	..	..	..	..	..
Vellore (Ranipet) ..	..	5,634,220	4,966,514	1,150	(a) 10-9 (b) 28,067-6 (c) Ra. 4,143 (d) 1	..	..	..	..	..	..
9 Shencottah ..	..	2,003,535	1,990,184	750	(a) 33,454 (b) 4,806 (c) .. (d) ..	..	..	..	..	..	..

Total connected load in K.W. with consumption, revenue and number of consumers at the end of 1956-57—cont.

Serial number and name of the licensee.	Total connected load in K.W. with consumption, and number of consumers at the end of 1956-57—cont.										Rural electrification.				
	Industrial—cont.			Govern-ment depart-ments.	Panchayat boards.	Agricultural.	Domestic lighting and power.	Miscellaneous.	Total.	High tension.		Low tension.			
	Small industries.	Railways.	(13)							(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
1 East Tanjore ..	(a) 7,565 (b) 5,477,514 (c) Ra. 4,68,793 (d) 50	119 301,061 Ra. 54,629 50	70 58,666 Ra. 12,440 88	220 633,532 Ra. 77,701 441	888 242,481 Ra. 21,244 153	7,651 3,957,712 Ra. 10,47,743 18,541	1,131 1,460,949 Ra. 99,396 20,177	18,479 12,804,009 Ra. 22,98,891 10,811	5	20,172	153	1,190	11	68	
2 Kumbakonam ..	(a) 3,772 (b) 2,073,327 (c) Ra. 2,45,067 (d) 451	155,4 301,061 Ra. 25,566 1	44 41,664 Ra. 8,744 23	116 305,082 Ra. 49,677 122	346 109,147 Ra. 11,849 118	6,344 2,997,841 Ra. 7,77,546 15,61	98 194,437 Ra. 11,686 16,299	10,811 7,09,338 Ra. 12,51,706 16,299	..	16,299	96	427	21	98	
3 Nagapattinam ..	(a) 1,089 (b) 1,005,256 (c) Ra. 81,927 (d) 115	39 112,075 Ra. 17,148 12	23 27,828 Ra. 6,683 30	6 509 Ra. 2,632 19	57 20,378 Ra. 2,35,020 5,017	2,277 920,613 Ra. 28,482 5,368	74 227,169 Ra. 28,482 82	5,977 4,641,288 Ra. 22,98,891 5,368	1	5,307	14	45	4	..	
4 Salem-Krode Electricity Distribution.	(a) 7,738 (b) 7,43,700 (c) Ra. 4,71,823 (d) 730	70 207,948 Ra. 15,445 7	.. 20,948 Ra. 15,445 7	47 123,278 Ra. 11,558 6	2,045 917,861 Ra. 53,928 436	7,364 62,321,622 Ra. 11,06,684 16,200	.. 23,171,621 Ra. 20,071 17,384	21,053 23,171,621 Ra. 20,071 17,384	11	17,373	436	2,272	178	745	
5 South Arcot Electricity Distribution.	(a) 30,253,368 (b) 50,13,600 (c) Ra. 2,48,183 (d) 167	155,534 679,652,000 Ra. 92,923 15	51,877 108,456 Ra. 20,073 42	53,900 218,821,000 Ra. 40,446 11	11,210,001 12,742,461 Ra. 8,68,851 2,257	4,33,944 2,674,980 Ra. 6,53,152 9,134	716,749 1,880,836 Ra. 2,94,091 6	19,559 22,348,631 Ra. 22,98,891 11,801	6	11,796	2,257	12,465.5	117	570.0	
6 Tiruchirappalli-Srirangam Electric Licensee.	(a) 7,730 (b) 8,27,344 (c) Ra. 6,06,240 (d) 93	944 277,258 Ra. 59,569 32	177 300,771 Ra. 59,375 85	28 571,741 Ra. 70,071 299	4,940 3,771,741 Ra. 3,59,946 1,483	10,373 6,919,264 Ra. 14,28,488 23,149	7,021 6,55,430 Ra. 2,92,257 30	38,272 58,092,066 Ra. 37,34,066 23,173	17	26,166	1,483	6,599	269	1,021	
7 Tiruchirappalli-Tuticorin Electric Supply Company.	(a) 4,859 (b) 2,924,066 (c) Ra. 2,44,375 (d) 486	67 195,590 Ra. 14,769 7	.. .. .. ..	420 215,856 Ra. 17,235 1	6,837 3,856,774 Ra. 8,17,464 13,430	25 45,272 Ra. 11,167 582	..	..	7	14,604	51	240	22	100	
8 Vellore ..	(a) 1,747,777 (b) 1,342,154 (c) Ra. 61,141 (d) 167	60 230,552 Ra. 23,327 5	86,62 182,086 Ra. 28,362 85	33 87,348 Ra. 14,358 11	693,72 485,007 Ra. 31,266 195	2,213,84 1,653,694 Ra. 33,428 5,901	582 1,581,224 Ra. 95,588 57	5,744,62 5,82,169 Ra. 61,447 6,425	3	6,422	196	925	36	169	
..	(a) 1,449,112 (b) 1,43,708 (c) Ra. 89,110 (d) 157	708 10,510 Ra. 1,319 2	50,105 21,053 Ra. 5,638 15	61,045 1,528,338 Ra. 21,283 4	844,617 715,217 Ra. 63,095 298	925,775 641,734 Ra. 1,30,837 7,773	..	..	1	3,250	298	593	10	48	
9 Shencottah ..	(a) 185 (b) 155,865 (c) Ra. 9,773 (d) ..	15 40,820 Ra. 11,480 ..	50 7,800 Ra. 2,760 ..	.. .. .. ..	.. .. .. ..	.. .. .. ..	.. .. .. ..	.. .. .. ..	..	997	..	..	..	..	

APPENDIX F-3—cont.

Statistical data for the administration report for the year ending 31st March 1957 (Company Licensees)—cont.

Serial number and name of the licensee.	Rural electrification—cont.									
	Number of rural industries and total horse-power.			Length of lines in miles.		Number of distribution transformers.		Expenditure on rural electrification.		
	As on 31st March 1957.		Connected during the year 1956-57.	High-tension.	Low-tension.	Erected during the year end of 1956-57.	Total number at the year end of 1956-57.	1956-57.	1955-56.	1954-55.
	Number.	Horse power.								
	(27)	(28)	(29)	(31)	(32)	(33)	(34)	(35)	(36)	(37)
1 East Tanjore ..	789	10,141	27	353	406	15	237	Rs. 6,33,670	Rs. 3,89,938	Rs. 3,45,285
2 Thanjavur ..	251	8,535	11	154	282	9	117	Rs. 3,52,053	Rs. 4,46,493	Rs. 3,97,912
3 Nagapattinam ..	66	1,015	7	41	110	..	32	Rs. 73,757	Rs. 59,448	Rs. 61,989
4 Salem Roads Electricity Distribution.	113	1,545	7	52	205	9	93	Separate account not maintained by licensee.		
5 South Arcot Electricity Distribution.	246	3,274	22	163	457	12	156	Rs. 5,00,000	Rs. 3,50,000	Rs. 5,20,000
6 Tiruchirappalli-Srirangam Electricity Licensee.	983	10,307	111	383	439	17	241	Rs. 1,133,036	Rs. 8,16,536	Rs. 5,17,597
7 Tiruvelthi-Tuticorin Electric Supply Company.	9	128	4	6	4	6	11	Rs. 2,77,263	Rs. 75,660	Rs. 6,485
8 Vellore (Vellore) ..	53	813	12	22	10	3	28	Rs. 1,66,500	Rs. 1,10,800	Rs. 98,291
9 Vellore (Rasipur) ..	7	68	1	24	57	2	26	Nil.	Rs. 3,43,220	Rs. 3,291
10 Shencottah ..	..	..	..	3	6	..	..	..	..	..

NOTE—(a) Connected load in K.W.
(b) Consumption
(c) Revenue in rupees.
(d) Number of consumers.

APPENDIX F-4.

Statistical data for the administration report for the year ending 31st March 1957 (Local Authorities).

Serial number and name of the licensee.	Total connected load in K.W. with consumption, revenue and number of consumers at the end of 1956-57.												
	Municipal						Industrial						
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1 Coimbatore ..	Nil.	11,594,239	9,816,770	4,140	(a) 475 (b) 136,333 (c) Rs. 21,745 (d) 129	(a) 152 (b) 92,649 (c) Rs. 4,957 (d) 13	..	..	..	..	..	..	3,789 Rs. 1,04,864 495
2 Karur ..	Nil.	1,941,551	1,709,173	510	(a) 76 (b) 256,941 (c) Rs. 33 (d) 33	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	534 794,036 Rs. 53
3 Pollachi ..	Nil.	3,112,370	2,653,199	865	(a) 86 (b) 154,700 (c) Rs. 22,357 (d) 29	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	1,273 Rs. 1,00,868 80
4 Tanjore ..	Nil.	4,213,050	3,572,948	1,190	(a) 285 (b) 789,750 (c) Rs. 66,503 (d) 2	Nil.	15 Rs. 371 1	Nil.	Nil.	Nil.	Nil.	Nil.	1,256 Rs. 1,12,014 Rs. 72,844 107
5 Madurai ..	Nil.	19,835,396	17,071,669	4,830	(a) 1,417,882 (b) 1,179,389 (c) Rs. 75,703 (d) 241	504,439 719,383 Rs. 30,299 6	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	3,052,181 Rs. 3,701,721 Rs. 2,01,197 495

APPENDIX F-4—cont.

Statistical data for the administration report for the year ending 31st March 1957 (Local Authorities)—cont.

Serial number and name of the licensee.	Total connected load in K.W. with consumption, revenue and number of consumers at the end of 1955-56—cont.										Rural electrification.			
	Railways.	Govern- ment depart- ments.	Panchayat boards.	Agricultural.	Domestic lighting and power.	Miscella- neous.	Total connected load in K.W.	As on 31st March 1957.		Number of agricultural pump sets and total horse-power.				
								High tension.	Low tension.	Number.	Horse- power.	Connected during the year 1956-57.	Number.	Horse- power.
1 Coimbatore	(14) 53 (a) 254,576 (b) Rs. 12,826 (c) 2	(15) 266 (a) 121,384 (b) Rs. 19,306 (c) 113	(16) .. (a) .. (b) .. (c) ..	(17) 675 (a) 624,55 (b) Rs. 34,907 (c) 140	(18) 7,567 (a) 4,260,737 (b) Rs. 7,86,753 (c) 12,22	(19) 65 (a) 2,439,726 (b) Rs. 3,01,39 (c) 309	(20) 11,967 (a) 9,81,770 (b) Rs. 12,86,607 (c) 13,493	2	13,491	11	65	..	..	
2 Karur	(14) 15 (a) 45,173 (b) Rs. 2 (c) ..	(15) 12 (a) 18,917 (b) Rs. 15 (c) ..	(16) NIL (a) .. (b) .. (c) ..	(17) 34 (a) 11,125 (b) Rs. 9 (c) ..	(18) 1,274 (a) 590,588 (b) Rs. 2,406 (c) ..	(19) 65 (a) 62,313 (b) Rs. 21 (c) ..	(20) .. (a) .. (b) .. (c) ..	NIL	2,539	NIL	NIL	NIL	NIL	
3 Palakkad	(14) 23 (a) 45,879 (b) Rs. 5,592 (c) 4	(15) 17 (a) 23,021 (b) Rs. 4,835 (c) 22	(16) NIL (a) .. (b) .. (c) ..	(17) 143 (a) 121,240 (b) Rs. 7,897 (c) 38	(18) 941 (a) 684,579 (b) Rs. 1,73,696 (c) 2,446	(19) NIL (a) .. (b) .. (c) ..	(20) .. (a) .. (b) .. (c) ..	NIL	2,419	38	174	NIL	NIL	
4 Tirunelveli	(14) 67 (a) 232,650 (b) Rs. 12,588 (c) 2	(15) 76 (a) 232,280 (b) Rs. 22,469 (c) 52	(16) NIL (a) .. (b) .. (c) ..	(17) 60 (a) 55,335 (b) Rs. 4,197 (c) 11	(18) 1,606 (a) 1,040,451 (b) Rs. 3,20,607 (c) 4,736	(19) 40 (a) 79,835 (b) Rs. 6,913 (c) 4	(20) 3,385 (a) 3,572,447 (b) Rs. 5,06,277 (c) 4,915	1	4,914	NIL	..	..	..	
5 Madurai	(14) 218,945 (a) 7,8335 (b) Rs. 27,547 (c) 3	(15) 263,764 (a) 301,619 (b) Rs. 38,426 (c) 63	(16) NIL (a) .. (b) .. (c) ..	(17) 116,859 (a) 76,191 (b) Rs. 6,053 (c) 34	(18) 9,970,102 (a) 7,85,501 (b) Rs. 13,57,116 (c) 19,954	(19) 1,643,906 (a) 3,080,287 (b) Rs. 1,44,897 (c) 6	(20) .. (a) .. (b) .. (c) ..	18	20,765	34	156-26	1	1	

NOTE.—(a) Connected load in K.W.

(b) Consumption.

(c) Revenue in rupee.

(d) Number of consumers.

Rural electrification—cont.

Serial number and name of the licensee.	Number of rural industries and total horse-power.				Length of lines in miles.		Number of distribution transformers.		Expenditure on rural electrification.				Population of area of supply.	
	As on 31st March 1957.		Connected during the year 1956-57.		High- tension.	Low- tension.	Erected during the year 1956-57.	Total at the end of 1956-57.	1955-56.	1954-55.	1953-54.	1952-53.		
	Number. (27)	Horse- power. (28)	Number. (29)	Horse- power. (30)										
					(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)		(39)	(40)
1 Coimbatore	2	33	..	..	..	2-23	..	..	..	8,851	6,734	3,600	3,264	194,983
2 Karur	..	NIL	NIL	NIL	NIL	NIL	NIL	NIL	..	..	..	NIL	NIL	42,198 (as per 51 census).
3 Pollachi	..	NIL	NIL	NIL	4-03	26-36	NIL	11	..	..	NIL	NIL	NIL	41,850
4 Tanjore	..	..	..	..	..	..	..	..	..	..	..	..	..	100,630
5 Madurai	..	NIL	NIL	NIL	30-253	125-178	7	52	NIL	..	NIL	NIL	NIL	361,781

APPENDIX F-5.

Classification of units sold by Electric Licensees (Companies) for the year 1956-57.

Serial number and name of licensee.	(1)	Industrial.	Agricultural.	Domestic.	Commercial.	Public lighting.	Traction.	Bulk supplied.	Miscellaneous.	Total.
		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1 Sree-natha Electric Supply Agency ..	..	1,760,068	109,167	686,92	293,478	33,454	..	..	194,437	1,980,134
2 Kumbakonam ..	..	2,487,404	20,378	2,577,233	2,4,183	610,319	..	..	..	7,072,438
3 Nagapattinam ..	..	1,005,256	..	714,142	..	227,169	..	2,320,160	..	4,641,288
4 Villup (El-nipet) ..	..	1,473,068	715,207.4	716,666.4	255,204	173,351.4	..	1,878,075	..	4,96,388.2
5 Villup (Velloru) ..	..	1,452,240	485,087	1,938,659.5	..	350,880	..	917,993	..	5,825,634.3
6 Tirunelveli-Tuticorin Electric Supply Company, Limited.	..	11,784,701	215,856	2,457,027	1,542,710	808,675	..	..	45,272	16,354,241
7 Salem-Rode Electricity Distribution Company, Limited.	..	7,440,009	917,868	4,850,668	538,782	776,580	..	8,657,716	..	23,171,621
8 South Arcot Electricity Distribution Company, Limited.	..	3,716,063.00	12,712,461.00	1,069,618.00	1,604,460.00	547,080	..	371,241.00	2,297,103.00	22,348,631.00
9 Tiruchirappalli-Srinagaram Electric Supply Corporation.	..	9,941,329	3,771,740	4,523,015	2,548,684	1,862,416	..	4,862,350	30,232,522	58,092,066
10 Mayavaram, Mannargudi Electric Supply Corporation.	..	5,214,218	242,481	2,505,811	2,499,704	87,304	..	925,600	184,884	12,806,099*

* Including 350,515 H. T. Supplies to consumers directly fed by licensees and 274,632 H. T. Industrial Sugar Mills.

APPENDIX F-6.

Classification of units sold by Electric Licensees (Local Authorities).

Serial number and name of licensee.	(1)	Industrial.	Agricultural.	Domestic.	Commercial.	Public lighting.	Traction.	Bulk supplied.	Miscellaneous.	Total.
		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1 Coimbatore ..	..	1,980,513	624,355	4,269,737	1,832,130	1,078,946	..	..	31,089	9,816,770
2 Karur ..	..	724,086	1,125	589,245	199,579	122,825	..	..	62,313	1,709,178
3 Madurai ..	..	4,784,981.00	75,191.00	4,856,262.00	4,484,899.00	2,021,044.00	..	849,822.00	..	17,071,699
4 Palani ..	..	1,640,991	121,990	311,428	446,861	132,229	..	..	..	2,653,199
5 Tanjore ..	..	1,129,914	55,335	711,107	338,747	395,725	..	..	943,019	3,572,947

Statement showing total number of units sold under various categories classified as urban, rural and total with connected load particulars.

Total number of units sold with connected load at the end of 1956-57.																		
Serial number and name of the licensee.	Municipal.			Textiles.			Cement works.			Industrial.			Mines.			Tea estates.		
	Urban.	Rural.	(3)	Urban.	Rural.	(5)	Urban.	Rural.	(6)	Urban.	Rural.	(7)	Urban.	Rural.	(9)	Urban.	Rural.	(11)
I. Company undertakings.																		
1 Vellore ..	(a)	263,532	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	(b)	81,25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ranipet ..	(a)	28,067.6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	(b)	10.9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2 Tirunelveli-Tuticorin Electric Supply.	(a)	1,060,428	..	8,544,673	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	(b)	480	..	4,218	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3 Mayavaram-Mannargudi-Tiruvannamalai Electric Licensee.	(a)	310,880	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	(b)	1.8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4 Tiruchirappalli - Srinagaram Electric Licensee.	(a)	1,481,892	..	..	..	1,727,080	..	..	..	..	..	27,012,905	..	..	..	..	..	..
	(b)	327	..	..	..	760	..	..	..	..	..	..	..	..	..	..	..	..
5 South Arcot Electricity Distribution Company.	(a)	328,236	..	206,762	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	(b)	73,266	..	122,222	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Salem-Rode Electricity Distribution Company.	(a)	524,110	123,054	6,158,834	..	1,458,450	..	..	..	..	..	..	..	..	..	..	..	..
	(b)	162	45	2,923	..	658	..	..	..	..	..	..	..	..	..	..	..	..
7 Nagapattinam ..	(a)	7,800	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	(b)	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8 Kumbakonam ..	(a)	305,257	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	(b)	58	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9 Shenoiath ..	(a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	(b)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II. Local Authority Electric Supply Undertakings.																		
1 Tanjore ..	(a)	789,760	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	(b)	285	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2 Pollachi ..	(a)	154,760	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	(b)	86	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3 Karur ..	(a)	256,941	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	(b)	76	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4 Ootacamund ..	(a)	13,633	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	(b)	476	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5 Madurai ..	(a)	1,179,389	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	(b)	1,417,982	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

NOTE:—(a) Represents the number of units sold.

(b) Represents total connected load.

APPENDIX F-7—cont.

Statement showing total number of units sold under various categories classified as urban, rural and total with connected load particulars—cont.

Total number of units sold with connected load at the end of 1955-57—cont.

Serial number and name of licensee.	Chemical.		Steel rolling mill.		Small industries.		Railways.		Government departments.	
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.
	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
I. Company undertakings.										
1 Vellore ..	(a)	..	..	..	1,095,817	246,341	21,091	202,461	171,103	10,984
Rampet ..	(b)	..	..	..	1,157,4	610,3	7,0	53,0	81,0	5,6
2 Tirunelveli-Tuticorin ..	(a)	1,878,075	..	..	1,407,196	6,587,2	10,510	..	21,983,9	.. 2,0
Electric Supply ..	(b)	616,520	..	..	2,839,308	84,752	195,599	..	30,105	..
3 Mayavaram-Mannargudi ..	(a)	..	..	..	4,273	116	67	..	..	..
Thiruvannamalai ..	(b)	..	..	..	1,415,793	4,061,738	189,923	3,1,963	37,407	21,059
Thiruvannamalai ..	(b)	..	..	..	1,308	6,257	73	89	36	34
4 Tiruchirappalli - Srirangam Electric Licence.	(a)	..	5,228	2,502	5,621,474	2,675,870	69,320	207,962	578,766	31,005
5 South Arcot Electricity Distribution Company ..	(a)	..	..	..	5,228	2,502	64	180	159	18
6 Salem-Erode Electricity Distribution Company ..	(a)	..	..	..	2,105,580	1,403,726	670,652	..	108,456,000	..
7 Nagapattinam ..	(a)	..	..	..	4,234,021	3,195,988	172,343	31,640	..	..
8 Kumbakonam ..	(a)	..	23,260	..	4,678	3,060	83,203	28,872	27,055	273
9 Shencottah ..	(a)	..	2,400	..	268,329	726,427	30	9	41,664	4
..	(b)	..	..	..	1,266,939	1,706,388	61,919	93,671	..	..
..	(b)	..	..	..	1,118,0	2,654	19	34	..	..
..	(b)	..	..	..	..	..	..	..	..	..
..	(b)	..	..	..	..	..	..	..	..	..
II. Local Authority Electric Supply Undertakings.										
1 Tanjore ..	(a)	..	..	..	1,125,014	..	232,650	..	232,280	..
2 Pollachi ..	(a)	..	..	..	1,286	..	45,879	..	23,021	..
3 Karur ..	(a)	..	..	..	1,623,729	..	23	..	18,947	..
4 Coimbatore ..	(a)	..	..	..	724,066	..	45,173	..	121,384	..
5 Madurai ..	(a)	..	..	..	534	..	15	..	301,669	..
..	(b)	..	..	..	1,371,695	16,275	254,376	..	268,764	..
..	(b)	..	..	..	3,701,721	25	728,335	..	..	..
..	(b)	..	..	..	3,052,131	..	218,945	..	..	..

NOTE.—(a) Represents the numbers of units sold.

(b) Represents total connected load.

Total number of units sold with connected load at the end of 1955-57—cont.

Serial number and name of licensee.	Panchayat boards.		Agricultural.		Domestic lighting and power.		Miscellaneous.		Total.	
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.
	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)
I. Company undertakings.										
1 Vellore ..	(a)	87,348	117,676	36,741	1,266,054	387,841	1,461,383	119,342	4,897,156	1,428,528
Rampet ..	(b)	33,0	168,8	524,9	1,063,4	16,320	728,4	802	3,884,24	1,880,4
2 Tirunelveli-Tuticorin ..	(a)	140,003,8	..	715,207,4	667,83,4	..	..	..	4,153,688,8	802,676,4
Electric Supply ..	(b)	59,045	..	21,2	8,819,300	37,184	45,272	..	3,045,345	919,897
3 Mayavaram-Mannargudi ..	(a)	11,579	..	129,861	6,704	153	25	..	16,602,444	251,797
Thiruvannamalai ..	(b)	4	204	216	1,902,065	2,086,721	14,078	1,223,874	15,975	485
Thiruvannamalai ..	(b)	..	157	731	2,934	4,667	..	1,969	3,917,907	8,888,192
4 Tiruchirappalli - Srirangam Electric Licence.	(a)	571,089	..	3,771,740	5,632,704	1,136,580	1,116,332	5,118,472	14,550,528	43,641,588
5 South Arcot Electricity Distribution Company ..	(a)	131,304	2,549,492	10,193,995	1,871,570	802,222	1,128,517	752,320	9,065,081	13,283,546
6 Salem-Erode Electricity Distribution Company ..	(b)	87,668	33,214	575,652	4,310,766	1,921,200	430,584	287,068	7,807,780	11,744,053
7 Nagapattinam ..	(a)	35,615	856	1,196	3,264	3,100	..	..	15,774,898	7,396,723
8 Kumbakonam ..	(a)	509	3,809	16,469	684,926	235,487	179,496	47,673	3,556,378	1,055,910
9 Shencottah ..	(a)	305,062	28,614	80,553	1,597,577	1,300,301	194,437	19	4,704	1,273
..	(b)	146	54	292	3,023	3,319	98	..	3,496,457	3,575,931
..	(b)	..	..	..	..	..	..	..	4,416	6,445
..	(b)	..	..	..	..	..	..	..	..	..
II. Local Authority Electric Supply Undertakings.										
1 Tanjore ..	(a)	..	55,835	..	1,048,854	..	79,885	..	3,572,947	..
2 Pollachi ..	(a)	..	60	..	1,606	..	40	..	3,386	..
3 Karur ..	(a)	..	121,290	..	684,589	..	..	..	2,653,199	..
4 Coimbatore ..	(a)	..	143	..	941	..	..	..	2,433	..
5 Madurai ..	(a)	..	11,125	..	590,588	..	62,313	..	1,709,173	..
..	(b)	..	1,374	..	1,274	..	65	..	2,010	..
..	(b)	..	570,907	53,448	3,986,211	1	2,713,251	..	9,747,046	69,724
..	(b)	..	627	48	7,667	1	65	..	12,369	73
..	(b)	..	75,191	..	6,587,782	..	3,775,014	..	17,071,699	..
..	(b)	..	116,859	..	9,970,102	..	1,643,906	..	17,193,128	..

NOTE.—(a) Represents the number of units sold.

(b) Represents total connected load.

APPENDIX F-8.

Statement showing the analysis of electrical accidents in the Madras State during 1956-57.

Systems.	Departmental employees.			Non-departmental employees.			Consumers' premises.			Total.
	Unauthorized working.	Non-compliance of safety rules.	Other causes.	Snapped conductors.	Inquisitive climbing.	Other causes.	Careless handling.	Faulty equipment or wiring.	Other causes.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Government—										
Fatal—										
Generation (Hydro), Erode.	..	..	..	..	1	..	..	..	..	1
Generation (Thermal), Madras.	..	..	..	..	..	..	..	..	..	..
Pykara System ..	..	..	2	..	6	6	1	4	..	10
Papanasam System ..	..	..	1	2	11	1	..	..	..	17
Mettur System ..	..	3	..	..	1	6	..	1	3	17
Madras System ..	..	..	..	..	1	..	..	1	..	2
Superintending Engineer, Periyar.	..	..	..	..	..	..	..	..	..	..
Superintending Engineer, General construction circle, Tiruchirappalli.	..	..	..	..	..	..	..	..	..	..
Superintending Engineer, Kundah.	..	..	..	..	..	..	..	..	..	..
Non-fatal—										
Generation (Hydro), Erode.	..	2	..	..	..	..	..	..	..	2
Generation (Thermal), Madras.	..	(4 casualties)	1	..	..	1	..	..	..	2
Pykara System ..	..	1	1	2	23	9	1	2	..	39
Papanasam System ..	..	1	4	4	23	4	..	..	..	41
Mettur System ..	..	3	..	..	21	1	1	1	..	55
Madras System ..	2	8	11	..	17	1	3	2	4	48
Superintending Engineer, Periyar.	..	..	..	..	..	3	..	..	..	3
Superintending Engineer, General construction circle, Tiruchirappalli.	..	..	..	..	..	1	..	..	..	1
Superintending Engineer, Kundah.	..	..	..	..	..	..	..	..	..	..
Total ..										191
Systems.	Accidents to supply system staff.			Accidents to public due to supply works.			Accidents in consumers premises.			Total.
	Unauthorized working.	Non-compliance of safety rules.	Other causes.	Snapped conductors.	Inquisitive climbing.	Other causes.	Careless handling.	Faulty equipment or wiring.	Other causes.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Fatal—										
Company licensees.	..	1	1	4	2	1	1	2	..	12
Local Authority licensees.	..	..	..	..	..	..	..	..	..	..
Non-licensees ..	..	..	1	..	..	..	..	..	..	1
Total ..										13
Non-fatal—										
Company licensees.	..	1	2	1	15	4	..	3	..	26
Local Authority licensees.	..	1	2	..	1	..	..	1	..	5
Non-licensees ..	..	2	2	..	..	..	..	..	..	4
Total ..										35
Departmental ..	..	..	..	..	..	..	..	..	..	247
Non-departmental ..	..	..	..	..	..	..	..	..	..	48
Grand total ..										295

APPENDIX G-1.

List of H.T. consumers supplied directly by the Electricity Department—Pykara Electricity System.

Serial number, name of the consumer and name of the place.	Serial number, name of the consumer and name of the place.
I. Cement.	II. Textiles—cont.
1 The Associated Cement Works, Madukkarai, Coimbatore.	64 K. V. Cotton Spinning Press Limited, Tiruppur. *
II. Textiles.	65 Annamallur Spinning Mills, Limited, Pillayannatham, Dindigul. *
2 Coimbatore Spinning and Weaving Company, Limited, Coimbatore.	66 Ramanarayana Textiles, Limited, Coimbatore. *
3 Vasantha Mills, Limited, Singanailur, Coimbatore.	III. Oil Mills.
4 Cambodia Mills, Limited, Coimbatore.	67 The Bharat Mills, Limited, Pollachi.
5 Rajalakshmi Mills, Limited, Uppilipalayam, Coimbatore.	68 G. Ramaswami & Company, Coimbatore.
6 Somasundara Mills, Limited, Coimbatore.	69 Radhakrishna Oil Mills, Pollachi.
7 Dhanalakshmi Mills, Limited, Tiruppur.	70 Sri Muthiah Oil Mills, Limited, Dindigul.
8 Kaleswarar Mills, Limited, Coimbatore.	71 Jaya Oil Mills Products, Limited, Pollachi.
9 Ranga Vilas Spinning and Weaving Mills, Limited, Peelamedu, Coimbatore.	IV. Water Works.
10 Pankaja Mills, Limited, Coimbatore.	72 Ambarampalayam Water Works, Pollachi.
11 Lakshmi Mills, Limited, Coimbatore.	V. Other Industries.
12 Sri Ramalinga Chowdambika Mills, Limited, Tiruppur.	73 The General Manufacturing Corporation, Limited, Coimbatore.
13 Coimbatore Cotton Mills, Limited, Singanailur.	74 Brooke Bond India, Limited, Coimbatore.
14 Sarada Mills, Limited, Podanur, Coimbatore.	75 Argus Engineering Company, Limited, Peelamedu.
15 Lotus Mills, Limited, Podanur, Coimbatore.	76 Textool Company, Limited, Coimbatore.
16 Palani Andavar Mills, Limited, Udumalpet.	77 Asher Industries, Tiruppur.
17 Janardhana Mills, Limited, Singanailur.	78 National Manure Works, Limited, Udumalpet.
18 Sri Palamalai Ranganathar Mills, Limited, Perianaickenpalayam, Coimbatore.	79 Praga Industries, Coimbatore.
19 Venkatesa Mills, Limited, Udumalpet.	80 Ramakrishna Industries, Limited, Peelamedu.
20 Coimbatore Murugan Mills, Limited, Coimbatore.	81 Amer Hind Manufacturers, Limited, Podanur.
21 Saroja Mills, Limited, Singanailur.	82 Needle Industries, Limited, Ketti (Nilgiris).
22 Coimbatore Pioneer Mills, Limited, Coimbatore.	83 Venkatesa Bleaching Factory, Udumalpet.
23 Radhakrishna Mills, Limited, Peelamedu, Coimbatore.	84 Coimbatore Agro Industries, Limited, Podanur.
24 Gnambika Mills, Limited, Vellakinar.	85 Asbestos Cement Company Limited, Podanur.
25 Coimbatore Kamala Mills, Limited, Uppilipalayam.	86 The United Bleachers, Limited, Mettupalayam.
26 Vijayalakshmi Mills, Limited, Coimbatore.	VI. Municipalities.
27 Buckingham and Carnatic Mills, Limited, Tiruppur.	87 Coimbatore Municipality.
28 Tirumurthy Mills, Limited, Udumalpet.	88 Pollachi Municipality.
29 Sri Balasubramania Mills, Limited, Singanailur.	VII. Other States.
30 Soundar Raja Mills, Dindigul.	89 Kerala State.
31 Kothari Textiles, Singanailur.	VIII. Government Departments.
32 Ashere Textiles, Limited, Tiruppur.	90 Cordite Factory, Aruvankadu.
33 Kasthuri Mills, Limited, Coimbatore.	91 Central Jail, Coimbatore.
34 Kumaran Mills, Limited, Singanailur.	92 Agricultural College, Coimbatore.
35 Jayalakshmi Mills, Limited, Singanailur.	93 Forest College, Coimbatore.
36 Vinotha Ginning Factory, Dindigul.	94 Government Sugarcane Breeding Station, Coimbatore.
37 Rathna Ginning Factory, Dindigul.	95 Sular Aerodrome, Sular, Coimbatore.
38 Karthikeya Mills, Limited, Udumalpet.	96 Pykara Dam (II Stage Extension).
39 Premier Mills, Limited, Udumalpet.	97 Lower Bhavani Project.
40 Kadiri Mills, Limited, Odderpalayam, Singanailur.	98 Government College of Technology, Coimbatore.
41 Jagannatha Ginning Factory, Coimbatore.	99 Government Cotton and Millet Breeding Station Coimbatore.
42 Kannapiran Mills, Limited, Coimbatore.	100 Amaravathi Project.
43 Pollachi Bhagyalakshmi Mills, Limited, Pollachi.	101 Second Point of supply—Agricultural College, Coimbatore.
44 Devi Weaving, Limited, Coimbatore.	102 Valgal Reservoir Project.
45 Vijayakumar Mills, Limited, Kalayanpudur.	103 Periyar Project.
46 Ramakrishna Mills, Limited, Coimbatore.	104 Anamalais Quinine Factory, Chinnona.
47 Jothi Mills, Limited, Perianaickenpalayam, Coimbatore.	105 Aranya Nivas. *
48 Sivananda Mills, Limited, Saravanampatti, Coimbatore.	106 Kundah Project. *
49 Varadaraja Textiles, Limited, Peelamedu.	107 Poringalkuttu Project.
50 Rajarathna Mills, Limited, Periakalayam Pudur, Palani.	IX. Miscellaneous.
51 Chandra Textiles, Peelamedu, Limited, Coimbatore.	108 Dewan Bahadur P.S.G. Rengaswamy Naidu Sons, Estate, Vedapatti, Coimbatore.
52 Vijayakumar Cotton Press, Peelamedu, Coimbatore.	109 P.S.G. College of Technology, Coimbatore.
53 Tiruppur Cotton Spinning & Weaving Mills, Limited, Tiruppur. *	X. Tea Estates, Anamalais.
54 Hari Mills Private, Limited, Singanailur, Coimbatore. *	110 Vellamalai Estate.
55 Narasimha Mills, Limited, Kannampalayam, Sular. *	111 Pachamalai Estate.
56 Pioneer 'B' Mills, Limited, Peelamedu, Coimbatore. *	112 Akkamalai Estate.
57 D.P.Fs Textiles, Papanalakanpalayam, Coimbatore. *	113 Kallayar Estate.
58 Prakash Mills, Private, Limited, Peelamedu, Coimbatore. *	114 Monica Estate.
59 Krishnaveni, Uppilipalayam, Coimbatore. *	115 Iyerpady Estate.
60 Sujani Textiles Limited, Souripalayam, Coimbatore. *	116 Murgally Estate.
61 Lakshminarayana Textiles, Limited, Vadugapalayam, Palladam. *	117 Urilical Estate.
62 Ravendra Textiles, Limited, Uppilipalayam, Coimbatore. *	118 Anamalai Ropeway Company.
63 Selvaraj Textiles Limited, Ottarpalayam, Palladam. *	119 Injilparai Estate.
	120 Stanmore Estate.
	121 Srikrunda Estate.

NOTE.—Inter-System supply to Mettur and Papanasam are not included.

* Added during the year.

APPENDIX G-1—cont.

List of H.T. consumers supplied directly by the Electricity Department—
Pykara Electricity System—cont.

Serial number, name of the consumer and name of the place.	Serial number, name of the consumer and name of the place.
<i>X. Tea Estates, Anamalais—cont.</i>	<i>XI. Tea Estates, Nilgiris—cont.</i>
122 High Forest Estate.	143 Dunsand Estate.
123 Karamalai Estate.	144 Devashola Estate.
124 Kadalar Estate.	145 Thashola Estate.
125 Sellalapar Estate.	146 Sussex Group Estate.
126 Mount Stuart Estate.	147 Sulton Estate.
127 Pannimedu Estate.	148 Terrania Estate.
128 Thaimudi Estate.	149 Malloor Estate.
129 Sholayar Estate.	150 New Kateri Estate.
130 Nadumalai Estate.	151 Mayfield Estate.
131 Waverly Estate.	152 Deverashola Estate.
132 Velone Estate.	153 Graigmore Estate.
	154 Kotada Estate.
<i>XI. Tea Estates, Nilgiris.</i>	155 Rockwood Estate.
133 Bengoram Estate.	156 Woodbriar Estate.
134 Glendale Estate.	157 Chamraj Estate.
135 Parkside Estate.	158 Sholur Estate.
136 Non such Estate.	159 New Hope Estate.
137 Prospect Estate.	160 Seaforth Estate.
138 Terrace Estate.	161 Glenvaus Estate.
139 Kilkotheigiri Estate.	162 Kodanad Estate.
140 Thuttapallam Estate.	163 Springdale Estate.
141 Rousdamnullai Estate.	164 Woodlands Estate.
142 Kilmelfort Estate.	165 Curzon Estate.*

NOTE.—Inter-system supply to Mettur and Papanasam are not included.
* Added during the year.

APPENDIX G-2.

List of H.T. consumers directly supplied by the Electricity Department—
Mettur Electricity System.

Serial number, name of the consumer and name of the place.	Serial number, name of the consumer and name of the place.
<i>Textiles.</i>	<i>Other Industries.</i>
1 Mettur Industries, Limited, Mettur Dam R.S. (Salem district).	19 Bethesda Hospital, Mission Compound, Ambur (North Arcot district).
2 Thirumagal Mills, Limited, Gudiyatham (North Arcot district).	<i>Water Works.</i>
3 Rajeswari Mills, Limited, Gudiyatham (North Arcot district).	20 Erode Municipality, Erode.
4 The Solar Industries and Trades Limited, Erode.	21 Salem Water Works, Mettur Dam (Intake and Booster) (2 points).
5 Erode Bleaching and Finishing Company, Erode.	<i>Government Departments.</i>
6 Karur Mills, Limited, Karur.	22 The Executive Engineer, P.W.D., Salem Division, Mettur Dam.
7 Sri Natesan Spinning and Weaving Mills, Private, Limited, Erode.	23 The Executive Engineer, P.W.D., Sathanur Reservoir Project Headworks Division, Sathanur Dam P.O. (via Tiruvannamalai).
8 Thinnappa Ginning Factory, Karur.	24 The Executive Engineer, P.W.D., Krishnagiri Reservoir Project-Division, Krishnagiri (Salem district).
9 The Madras State Handloom Weavers' Co-operative Society, Limited, Perla Agraharam P.O., Erode.	25 The Superintending Engineer, Pykara Electricity System, P.B. No. 61, Coimbatore.
10 Sundaram Spinning Mills, Road, Komarapalayam (Salem district).	26 The Superintending Engineer, Madras Electricity System, 157, Mount Road, Madras-2.
<i>Chemicals.</i>	<i>Railways.</i>
11 The Mettur Chemical and Industrial Corporation Limited, Mettur Dam R.S. (2 points).	27 Southern Railway, Arkonam Junction.
<i>Metal.</i>	28 Southern Railway, Jalapet Junction.
12 Indian Metal and Metallurgical Corporation, Mettur Dam (Salem district).	29 Southern Railway, Erode Junction.
<i>Minas.</i>	30 Southern Railway, Tiruchirappalli Junction.
13 The General Superintendent, Neyveli Lignite Corporation (Private), Limited, Neyveli P.O. (South Arcot district. (2 points).	<i>Licenses.</i>
14 Salem Magnesite Private, Limited, Hasthampatti, Salem.	31 The Vellore Electric Supply Corporation, Limited, Vellore Point.
<i>Sugar.</i>	32 The Vellore Electric Supply Corporation, Limited, Banipet Point.
15 The Deccan Sugar and Abkari Company, Limited, Pugalur Sugar Factory P.O., Tiruchirappalli district.	33 The Salem-Erode Electricity Distribution Company, Limited, Salem Point.
<i>Oils.</i>	34 The Salem-Erode Electricity Distribution Company, Limited, Erode Point.
16 Phanalakshmi Etes, Ginning and Oil Mills, Bhavani.	35 The Salem-Erode Electricity Distribution Company, Limited, Erode R.S. Point.
17 The Thirumudra Oil Mills, Limited, Arakandanallur P.O. (South Arcot district).	36 The Salem-Erode Electricity Distribution Company, Limited, Bankari Point.
18 P. S. Arthanas Chetty and Company, Rasipuram (Salem district).	37 The Salem-Erode Electricity Distribution Company, Limited, Rajapalayam Point.

APPENDIX G-2—cont.

List of H.T. consumers directly supplied by the Electricity Department—
Mettur Electricity System—cont.

Serial number, name of the consumer and name of the place.	Serial number, name of the consumer and name of the place.
<i>Licenses—cont.</i>	<i>Other Governments—cont.</i>
38 The Salem-Erode Electricity Distribution Company, Limited, Panamarathupatti Point.	54 The Superintending Engineer, Operation, Andhra Pradesh, Government Electricity Department, Kuppam Point.
39 The South Madras Electricity Supply Corporation, Limited, Tiruchirappalli Point.	55 The Superintending Engineer, Operation, Andhra Pradesh, Government Electricity Department, Erumli Point.
40 The South Madras Electric Supply Corporation, Limited, Dalmiapuram Point.	56 The Superintending Engineer, Operation, Andhra Pradesh, Government Electricity Department, Perumalrajpet Point.
41 The South Madras Electric Supply Corporation, Limited, Tiruvurur Point.	57 The Superintending Engineer, Operation, Andhra Pradesh, Government Electricity Department, Thandalam Point.
42 The South Madras Electric Supply Corporation, Limited, Mayuram Point.	58 The Superintending Engineer, Operation, Andhra Pradesh, Government Electricity Department, Tiruttani Point.
43 The South Madras Electric Supply Corporation, Limited, Mayanur Point.	59 The Superintending Engineer, Operation, Andhra Pradesh, Government Electricity Department, Ramnagar Point.
44 The South Madras Electric Supply Corporation, Limited, Vallam Point.	60 The Director of Electricity, Pondicherry.
45 The South Arcot Electricity Distribution Company, Limited, Villupuram Point.	<i>H.T. consumers taken over from Licensees during 1956-57.</i>
46 The South Arcot Electricity Distribution Company, Limited, Chidambaram Point.	<i>Pudukottai Electrical Undertaking.</i>
47 (a) The South Arcot Electricity Distribution Company, Limited, Kandamangalam Point. (P. 332)	61 Mahaganapathy Spinning and Weaving Mills, Pudukottah.
(b) The South Arcot Electricity Distribution Company, Limited, Kattumannar Koll.	62 Iyyanar Spinning Mills, Pudukottah.
48 The Kumbakonam Electric Supply Corporation, Limited, Kumbakonam Point.	<i>Pudukottah State Electrical Undertaking.</i>
49 The Kumbakonam Electric Supply Corporation, Limited, Tanjore II Point.	63 Meenakshi Mills, Manapparai.
50 The Nagapattinam Electric Supply Company, Limited, Nagapattinam.	64 Cauvery Mills, Vellancor.
<i>Municipalities.</i>	<i>Ponnamaravathy Electrical Undertaking.</i>
51 The Tanjore Municipality, Tanjore.	65 The Pudukottah Textiles, Limited.
52 The Karur Municipality, Karur.	
<i>Other Governments.</i>	
53 The Superintending Engineer, Operation, Andhra Pradesh, Government Electricity Department, Vellore Point.	

APPENDIX G-3.

List of H.T. consumers supplied directly by the Electricity Department—
Papanasam System.

Serial number, name of the consumer and name of the place.	Serial number, name of the consumer and name of the place.
<i>I. Oil Mills.</i>	<i>II. Textiles—cont.</i>
1 T. M. M. Mathalai Nader and Company, Virudhunagar.	31 The Indian Textile Paper Tube Company, Limited, Virudhunagar.
2 T. M. S. Mathalai Nader and Sons, Virudhunagar.	32 Meenakshi Mills, Samayanallur.
3 Southern Oil Mills, Virudhunagar.	33 Karthikeyan Mills, Limited, Veeravanallur.
4 K. C. A. S. Durairaj Nader and Sons, Sivakasi.	34 Messrs. Rukmini Mills Limited, Silaiman.*
5 Orient Products, Tirumangalam.	35 Messrs. Thagarajar Mills, Kappalur.*
6 M. S. Paramasiva Nader, Oil Mills, Virudhunagar.	36 Messrs. Jawahar Mills, Limited, Chettinad.*
7 Sri Nagalinga Vilas Oil and Ginning Industries, Virudhunagar.	37 Messrs. Alagappa Cotton Mills, Rajapalayam.*
8 Sri Velumrugan Oils Mills, Kovilpatti.*	38 Messrs. Karpagambal Mills, Rajapalayam.*
<i>II. Textiles.</i>	39 Messrs. Nelli Cotton Mills, Talaiyuthu.*
9 Sree Meenakshi Mills, Limited, Madurai.	<i>III. Cement.</i>
10 Pandian Mills, Limited, Madurai.	40 India Cements, Limited, Talaiyuthu.
11 Loyal Textile Mills, Limited, Kovilpatti.	41 India Cements, Quarry, Samayanpatti.*
12 Mahalakshmi Textile Mills, Limited, Pannalath.	<i>IV. Agriculture.</i>
13 Kothandaram Spinning Mills, Madurai.	42 Agricultural Farms, Limited, Pudukramam.
14 Lakshmi Mills Company, Limited, Kovilpatti.	43 Agricultural Farms, Limited, Inam Veppankulam.
15 Madura Mills Company, Limited (Dunlop Yarn Plant), Madurai.	<i>V. Chemicals.</i>
16 Rajah Mills, Madurai.	44 Industrial Chemicals, Limited, Talaiyuthu.
17 Harvey Mills, Ambasamudram.	45 Travancore Minerals concerns No. 2, Manavala-kurichi.*
18 Madura Mills Company, Virudhunagar.	<i>VI. Municipality.</i>
19 East India Corporation, Limited, Sattur.	46 Madurai Municipality.
20 Madura Mills Company, Limited, Kadambur.	<i>VII. Water Works.</i>
21 Virudhunagar Textile Mills, Limited, Virudhunagar.	47 Virudhunagar Water Works, Virudhunagar.
22 Gitanjali Mills, Limited, Sankarankoli.	<i>VIII. Licenses.</i>
23 Sree Visalakshi Mills, Limited, Villankudi.	48 The Shencottah Electric Supply Corporation, Shencottah.
24 Lakshmi Mills Company, Limited, Virudhunagar.	49 The Tirnevelly-Tuticorin Electric Supply Company, Limited Tuticorin.
25 Rajapalayam Mills, Limited, Rajapalayam.	50 The Tirnevelly-Tuticorin Electric Supply Company, Limited (Second Point of supply at Talaiyuthu).
26 Ramaraju Surgical Cotton Mills, Limited, Rajapalayam.	
27 Shanmugar Mills, Limited, Rajapalayam.	
28 Janakiram Mills, Limited, Rajapalayam.	
29 Chandrasekhara Bharathi Weaving Mills, Rajapalayam.	
30 Jayaram Mills, Limited, Rajapalayam.	

* Added during the year.

APPENDIX G-3—cont.

List of H.T. consumers supplied directly by the Electricity Department—
Papanasam System—cont.

Serial number, name of the consumer and name of the place.	Serial number, name of the consumer and name of the place.
IX. Other Departments.	
51 Manimuthar Project.	57 Sri Subramaniaswamy Temple, Tiruchendur.
52 Manimuthar Canal works, Pattankadu.*	58 The T.V.S. Estate at Eruvadi.
53 Pykara System, Coimbatore.	59 Uganda Cotton Pressing Factory, Rajapalayam.
54 Pykara System (Thirumangalam-Thoni 22 K. V. line).	60 Coronation Litho Works, Sivakasi.*
X. Miscellaneous.	
55 Fenner Cockill Limited, 'V' Belt Factory Kochadai, Madurai.	61 Hopkins and Williams, Limited, Chavra, Manavala-kurichi.
56 Madura Sugars and Allied Products, Limited Pandiarajapuram.	62 Manmathurai Junction.
	63 Marine Workshops, Mandapam.
	64 Marine Fisheries, Mandapam.
	65 Quarantine Camp, Mandapam.

APPENDIX G-4.

List of H.T. consumers directly served by the Electricity Department—
Madras System.

Serial number, name of the consumer and name of the place.

Textiles.

- 1 Buckingham and Carnatic Mills.
- 2 Palar Mills, Walajabad.
- 3 Indira Textiles, Chrompet.*

Oil Industries.

- 4 East Asiatic Company.
- 5 Mysore Vegetable Oil Products, Limited.
- 6 Sri Rama Oil Mills, Tondiarpet.*

Other industries and miscellaneous.

- 7 A. C. College, Guindy.
- 8 Addison & Co.
- 9 Addisons Paint Factory and Semblam Saw Mills.
- 10 A. I. R. Avadi.*
- 11 Ajax Products.
- 12 Ananda Vikatan.
- 13 Associated Printers.
- 14 Ashok Motors.
- 15 Avadi Military Base.
- 16 A.V.M. Studios.
- 17 Bharani Studios.
- 18 Best and Company Pump Factory.
- 19 Best and Company Soap Factory.
- 20 B.N.K. Press.
- 21 Binny's Engineering Works.
- 22 Bombay Mutual Buildings.
- 23 Burmah Shell.
- 24 Carborandum Universal, Tiruvottiyur.
- 25 Catholic Centre.
- 26 Century Flour Mills.
- 27 Christian College, Tambaram.
- 28 Chrome Leather Company.
- 29 Civil Aerodrome.
- 30 City Ice Factory.
- 31 Corporation of Madras Cold Storage.
- 32 Enfield India, Tiruvottiyur.*
- 33 Engineering College, Guindy.
- 34 Film Centre, Kodambakkam.
- 35 Firhaven, Adyar.
- 36 Ganges Printing Ink Factory.
- 37 Gemini Studios.*
- 38 Gordon Woodroffs Company, Pallavaram.
- 39 Government Broadcasting Station.
- 40 Government Coach Building Factory.
- 41 Government Milk Plant.
- 42 Government Press, Mint Street.
- 43 Hindu Press, Mount Road.
- 44 Hindustan Metal Refinery and Rolling Mills.
- 45 Hoe & Co.
- 46 Hotel Dasaprakash.
- 47 Hotel Oceanic.
- 48 I.M.M.C. Tondiarpet.
- 49 Indian Express, Mount Road.
- 50 India Pistons, Limited, Perambur.
- 51 Indian Oxygen and Acetylene Company.
- 52 Industrial Engineering Workshops, Washermanpet.*
- 53 Jeevan Lal.
- 54 K.C.P. Limited, Tiruvottiyur.*
- 55 Lady Willington Nursing Home.
- 56 Loyola College.
- 57 Law College, pumping Station.
- 58 Madras Institute of Technology.
- 59 Madras Club, Mount Road.
- 60 Madras Race Club.
- 61 Madras Mail Press.
- 62 Madras Pencil Factory.

Serial number, name of the consumer and name of the place.

Other industries and miscellaneous—cont.

- 63 Madras Rubber Factory.
- 64 Massey and Company.
- 65 Mazda Ice Factory.
- 66 Medical Stores (Government).
- 67 Military Engineering Works, St. Thomas Mount.
- 68 Metal Box, Tondiarpet.
- 69 Mysore Bank, G. T. Madras.*
- 70 Narasu Studios.
- 71 National Carbon Company, Tiruvottiyur.
- 72 Nasir Hussain Tannery, Sembium.
- 73 Neptune Studios, Guindy.
- 74 Pioneer Cycle.
- 75 Poondi Irrigation and Research Divisions, Tiruvallur.
- 76 Port Trust, Madras.
- 77 Printers India, Tiruvottiyur.
- 78 Radio and Electricals, Tiruvottiyur.
- 79 Revathi Studio, Kodambakkam.
- 80 Richards and Cruddas.
- 81 Royal Studios, Kodambakkam.*
- 82 R.N.V.S., Tambaram.
- 83 Shaw Wallace Glue Factory.
- 84 Shaw Wallace Fertilizers, Avadi.
- 85 Shyamala Studios.
- 86 South India Flour Mills.*
- 87 St. Joseph's Industrials, Basin Bridge.
- 88 South India Battery Manufacturing Company Saldapeta.
- 89 South India Metal Rolling Mills.
- 90 South India Carbonic Gas Company.
- 91 South Indian Royal Ice Factory.
- 92 Simpson & Co.
- 93 Spencer & Co.
- 94 Sri Rama Rolling Mills.
- 95 Standard Motors, Vandalur.
- 96 Stoneware Pipes, Tiruvallur.
- 97 Sundaram Motors, Mount Road.
- 98 T.I. Cycles of India.
- 99 Theosophical Society.
- 100 Vaahini Studios.
- 101 Vikrama Studios.*
- 102 Vummidars, Limited.
- 103 Wimco Match Factory.
- 104 Wheel and Rim Factory.
- 105 Wireless Station, Fort St. George.
- 106 Woodlands Hotel, Mylapore.*
- 107 Wood and Screw Factory.

Water Works.

- 108 Corporation of Madras—Kilpauk Pumping Station.
- 109 Military Pumping Station, Anakaputhur.
- 110 Korukkupet Pump House.

Traction.

- 111 Southern Railways, Egmore.

Railways.

- 112 Integral Coach Factory, Perambur.
- 113 Southern Railway, Central Station (Alternate supply).
- 114 Southern Railways, Beach.
- 115 Southern Railway, Marshalling Yard.
- 116 Ennore Railway—Pumping Station.

Street Lighting.

- 117 Corporation of Madras—Street Lighting.

* Connected during 1956-57.

APPENDIX G-5.

List of textile mills and other H.T. consumers, their connected load and maximum demand during 1956-57 in electrical licensees' areas.

Serial number and name of electric licensees.	Textile mills.	Other H.T. consumers.	Connected load.	Maximum demand.
(1)	(2)	(3)	(4)	(5)
1 Kumbakonam ..	Nil.	Nil.	Nil.	Nil.
2 Nagapattinam	....	Indian Steel Rolling Mills, Nagapattinam (Steel Rolling).	2,400	1,120
3 Tinnevely-Tuticorin Electric Supply Co., Ltd., Tuticorin.	(1) Madurai Mills .. (2) Tuticorin Spinning Mills. (3) Sankar Mills .. (4) Ganapathi Mills (5) Tuticorin Salt Refineries. (6) Vallanad Water Works. (7) Manapadi Water Works.	.... .... .... .... .... ....	2,721 935 103 399 170 62 154	1,780 650 68 273 115 40 124
4 Salem-Erode Electricity Distribution Company, Ltd., Salem.	(1) Pullicar Mills, Ltd. (2) Sri Rajendra Mills, Ltd. (3) Jawahar Mills, Ltd.	.... .... ....	658 1,462 1,289	.. .. ..
South Arcot Electricity Distribution Co., Ltd., Madras.	National Sewing Thread & Co.	....	90,000	81,000
Mayavaram-Manargudi Electrical Licensees.	Nil.	Magnasite Syndicate, Ltd... Modern Theatres .. Kanikaparameswari Mills .. Lokashanmugaperumal Oil Mills. National Starch Industries. V.M.P. Metals and Alloy, Ltd. Narayana Chettiar Indus. - trics. Southern Railways	151 189 118 170 56 410 48 51	.. .. .. .. .. .. .. ..
7 Tiruchirappalli-Srirangam Electric Licensees.	Trichinopoly Mills	Annamalai University .. Balls India .. East India Distilleries and Sugar Factories. Louis Dreyfus Co.	317,529 90,000 190,000 90,000	300,000 90,000 180,000 35,000
8 Coimbatore ..	Nil.	The Karalkal Electric Supply Company. Karalkal Electric Supply Company. Executive Officer, Panchayat Board, Arantangi. Divisional Superintendent, Southern Railway, Tiruchirappalli. Thiru Arooran Sugar Limited.	951,000 36,000 8,000 43,000 700,000	354,000 36,57 6,18 45,000 1,008-83
9 Tanjore ..	....	Messrs. Dalmia Cement (Bharat), Limited. Messrs. Dalmia Cement (Bharat), Limited for supply to pumpset. Station Director (All-India Radio). Hindustan Lever .. Superintending Engineer, Mettur Electricity System, Mettur Dam. Superintending Engineer, Mettur Electricity System, Mettur Dam.	6,056,000 40,000 50,000 537,000 1,121,000	4,500,000 49,000 83,500 280,000 884,000
10 Vellore	Nil.	Railways .. United Coffee Supply Company, Limited.	138 K.W. ..	52 K.W. 61 K.W.
Vellore-Banipet.	Nil.	One.	616.52 K.W.	450 K.V.A.

APPENDIX G-5—cont.

List of textile mills and other H.T. consumers, their connected load and maximum demand during 1956-57 in electrical licensees' areas—cont.

Serial number and name of electric licensees.	Textile mills.	Other H.T. consumers.	Connected load.	Maximum demand.
(1)	(2)	(3)	(4)	(5)
11 Pollachi ..	....	NIL.	..	..
12 Karur ..	....	NIL.	..	..
13 Madurai ..	(1) Kouditholu Mills, Ramnad Road. (2) Kothandaram Mills. (3) Balakrishna Mills. (4) Madura Knitting (5) Mohanram Mills.	.. .. .. .. ..	96·889 85 70 38·6 114	.. .. .. .. ..
		(1) American Mission Hospi- tal. (2) Chiniamani Talkies .. (3) Southern Railway .. (4) Central Cinema .. (5) Government Hospital .. (6) Kochadal Water Works .. (7) Moenakshi Temple .. (8) T.V.S. Workshop .. (9) Kochadal Mill Bungal- ow. (10) New Rice Mills .. (11) Sundaram Pillai Rice Mills. (12) T. V. S. Office .. (13) Dinamani Press ..	106·928 57·0 260·829 75·5 204·75 255·8 99·0 411·662 71·62 82·6 56·29 144·880 140·336	.. .. .. .. .. .. .. .. .. .. .. .. ..
14 Shencottah ..	....	(14) Balaramavarma Textiles.	450 K.W.	290 K.W.

APPENDIX H-1.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57.

PYKARA ELECTRICITY SYSTEM.

COIMBATORE DISTRICT.

Avanashi taluk.

- 1 Alampalayam (60).
- 2 Alagappakavandanur (28).
- 3 Ananthagiri (53).
- 4 Annur † (50).
- 5 Avanashi † (72).
- 6 Avanashi (B. 71).
- 7 Avanashipalayam (73).
- 8 Avanashilingampalayam (73).
- 9 Ariyagoundenpalayam (59).
- 10 Achampalayam (49).
- 11 Arasampalayam (53).
- 12 Allikulam (50).
- 13 Asanallipalayam (54).
- 14 Alangathupalayam (55).
- 15 Ariyagoundenpalayam (73).
- 16 Allikarapalayam (29).
- 17 Ayyapparedipudur (31).
- 18 Alampalayam (50).
- 19 Ayyanapudur (29).
- 20 Alampalayam (74).
- 21 Alampalayam (14).
- 22 Annurmettupalayam (31).
- 23 Allipalayam (50).
- 24 Allampalayam (50).
- 25 Alampalayam * (59).
- 26 Attikattupalayam * (17).
- 27 Alathur * (17).
- 28 Allapalayam * (33).
- 29 Analpudur * (77).
- 30 Analur * (9).
- 31 Alagapalayam * (9).
- 32 Akkarakkangapalli * (10).
- 33 Belladi (27).
- 34 Bodithampalayam (80).

COIMBATORE DISTRICT—cont.

Avanashi taluk—cont.

- 35 Chikodasampalayam (4).
- 36 Chikampalayam (47).
- 37 Chockampalayam (60).
- 38 Chinnakarinalpalayam (76).
- 39 Chikkanur (34).
- 40 Chellampalayam * (15).
- 41 Chinnaripalayam (57).
- 42 Dasanur (Dasampalayam) (23).
- 43 Dasampalayam (51).
- 44 Devariyapuram (77).
- 45 Ellapalayam (64).
- 46 Ellipalayam (74).
- 47 Ellachipalayam (53).
- 48 Edayapalayam (51).
- 49 Giddanpalayam (28).
- 50 Kallar (2).
- 51 Kolathur (47).
- 52 Karavalur (53).
- 53 Karamadal (25).
- 54 Karamadal (P) (26).
- 55 Kadathur (61).
- 56 Kanur (84).
- 57 Kanlampandi (78).
- 58 Karampalayam (64).
- 59 Kayundampalayam (76).
- 60 Kanurpalayam (47).
- 61 Kurumbapalayam (27).
- 62 Kadugoundenpudur (76).
- 63 Kattampatti (61).
- 64 Kodayampalayam (19).
- 65 Kempasalekenpalayam (49).
- 66 Komarpalayam (44).
- 67 Krishnagoundanpudur (64).
- 68 Krishnapuram (52).

* Electrified during the year.

NOTE.—Number within brackets indicates Code number of the village as per Census Book, 1951.

† Town.

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

PYKARA ELECTRICITY SYSTEM—cont.

COIMBATORE DISTRICT—cont.

Avanashi taluk—cont.

- 69 Kuppalalayam (60).
- 70 Kurukkampalayam (57).
- 71 Karigoundenpalayam (40).
- 72 Karalkampalayam (93).
- 73 Karuvakkara (14).
- 74 Karuppallampudur (31).
- 75 Kavandampalayam (13).
- 76 Kichanakinarpudur (18).
- 77 Kanurpudur (34).
- 78 Kavandampalayam (75).
- 79 Kolathupalayam (73).
- 80 Konampalayam (33).
- 81 Konarapalayam (35).
- 82 Kuppandampalayam (51).
- 83 Kurumbapalayam (54).
- 84 Kumaragoundenpudur (51).
- 85 Kunathur (62).
- 86 Kullagoundenpalayam (63).
- 87 Kurukilampalayam (29).
- 88 Kamanalekonpalayam (71).
- 89 Kallapuram (50).
- 90 Kumarapalayam (50).
- 91 Karumapalayam (57).
- 92 Kasbakanur (34).
- 93 Kuruubanur (23).
- 94 Kanlyur * (9).
- 95 Kuppapur * (15).
- 96 Kolpalayam * (15).
- 97 Kanjapalli * (51).
- 98 Kothayakkara * (40).
- 99 Karukkankathupudur * (58).
- 100 Kalakkurichi * (32).
- 101 Karalkuttalupudur * (39).
- 102 Madathupalayam (72).
- 103 Mangalakarpudur (25).
- 104 Masagoundenchettipalayam (63).
- 105 Marudur (53).
- 106 Mondinathampalayam (69).
- 107 Maranagoundenpudur (25).
- 108 Moothukuttipalayam (14).
- 109 Mettupalayam † (8).
- 110 Modakarumbapalayam (36).
- 111 Muriandipalayam (36).
- 112 Minampalayam (13).
- 113 Mangalakara (25).
- 114 Manapalayam (63).
- 115 Marudur (46).
- 116 Monukottipalayam (74).
- 117 Mettupalayam (52).
- 118 Muriandampalayam (37).
- 119 Muduthorai (13).
- 120 Ma Idreddipalayam * (33).
- 121 Marappanpalayam * (58).
- 122 Nariampalli (52).
- 123 Nambampalayam (69).
- 124 Nayanampalayam (59).
- 125 Nallichettipalayam (49).
- 126 Naduvacheri (58).
- 127 Narayanapuram (66).
- 128 Nallagoundenpalayam (73).
- 129 Nalligoundenpalayam (75).
- 130 Narayanpudur (50).
- 131 Nallakalpalayam * (17).
- 132 Neelipalayam * (17).
- 133 Nachipalayam * (15).
- 134 Nallakattipalayam * (41).
- 135 Odenthorai (2).
- 136 Odderpalayam (29).
- 137 Orakkadipalayam (63).
- 138 Oddapalayam (63).
- 139 Ponnagoundanpudur (63).
- 140 Palangara (73).
- 141 Pugalur (28).
- 142 Pillappampalayam (65).
- 143 Puthur (72).
- 144 Pachapalayam (67).
- 145 Pattakaranpudur (31).
- 146 Pudur (35).
- 147 Pullakattupalayam (76).
- 148 Periakumarapalayam (18).
- 149 Palakkattu (74).
- 150 Pudukpalayam (75).

COIMBATORE DISTRICT—cont.

Avanashi taluk—cont.

- 151 Pappankulam (37).
- 152 Palayaunjalpalayam * (59).
- 153 Pachandampalayam * (39).
- 154 Pudunjalpalayam * (59).
- 155 Poosaripalayam (81).
- 156 Pasukuttai * (31).
- 157 Pethanalekenpalayam * (10).
- 158 Pudukpalayam * (32).
- 159 Pasur * (32).
- 160 Rakkipalayam (77).
- 161 Ramanthapuram (32).
- 162 Rayarapalayam (69).
- 163 Ramayampalayam (35).
- 164 Rakkipalayam * (10).
- 165 Rayagoundenpudur * (58).
- 166 Budriampalayam * (33).
- 167 Semmandampalayam (56).
- 168 Sembianallur (7).
- 169 Samanthankottai (75).
- 170 Sundakkampalayam (69).
- 171 Sengalipalayam (74).
- 172 Sellaipur (30).
- 173 Sembulingampatti (48).
- 174 Surlipalayam (74).
- 175 Saliyur (50).
- 176 Sanampalayam (50).
- 177 Sengalipalayam (60).
- 178 Sennimalaipalayam (74).
- 179 Sevir (55).
- 180 Sokkampalayam (50).
- 181 Salayampalayam (50).
- 182 Srinivasapuram * (17).
- 183 Saliyur * (15).
- 184 Sangampalayam * (17).
- 185 Sengalipalayam * (52).
- 186 Thelungupalayam (65).
- 187 Thirumurganpudur (77).
- 188 Thokkampatti (23).
- 189 Thennampalayam (46).
- 190 Thathampalayam (43).
- 191 Thottakalupudur (52).
- 192 Thakkalur (74).
- 193 Thevampalayam (73).
- 194 Thottapalayam (84).
- 195 Thottipalayam (27).
- 196 Thothen (65).
- 197 Thimmanaiyampalayam (75).
- 198 Thottianur (65).
- 199 Thadukampalayam (35).
- 200 Thimmanagoundenpudur (26).
- 201 Thottipalayam * (17).
- 202 Thoppampathanur * (31).
- 203 Thannirpandalpalayam * (63).
- 204 Thallipalayam * (56).
- 205 Uppilpalayam (68).
- 206 Umayamchettipalayam (77).
- 207 Vadugapalayam (59).
- 208 Vanchipalayam (75).
- 209 Velayudhampalayam (76).
- 210 Vanugapalayam (66).
- 211 Valluvapalayam (71).
- 212 Velandipalayam (74).
- 213 Velikuppampalayam (7).
- 214 Velayapalayam (87).
- 215 Velur (73).
- 216 Vettuvapalayam (54).
- 217 Venkatapuram * (17).

Coimbatore taluk.

- 218 Agraharasamakulam (6).
- 219 Arumughaoundenpudur (54).
- 220 Athimarathottam (22).
- 221 Athipalayam (6).
- 222 Alandurai (60).
- 223 Ambhipudur (37).
- 224 Appachigoundenpatti (74).
- 225 Arasipalayam (75).
- 226 Anuppapalayam (34).
- 227 Bodipalayam (63).
- 228 Balanganathapuram (24).
- 229 Chettipalayam (68).
- 230 Chitralchavadi (56).

* Electrified during the year.

† Town.

NOTE.—Number within brackets indicates Code number of the village as per Census Book, 1951.

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

PYKARA ELECTRICITY SYSTEM—cont.

COIMBATORE DISTRICT—cont.

Coimbatore taluk—cont.

231 Chavadiapur, (Pudur) (74).
232 Chikarapuram (41).
233 Chokkaiyapuram (45).
234 Chinnamettupalayam (23).
235 Devinalckenpalayam (7).
236 Devarayapuram (44).
237 Dombilipalayam (80).
238 Dinampalayam (41).
239 Edayarpalayam (52).
240 Edayarpalayam (57).
241 Edayarpalayam (27).
242 Ettimadai (67).
243 Ganapathy (20).
244 Govindanalkenpalayam (10).
245 Gudalur (7).
246 Govanur * (51).
247 Ichani (58).
248 Idigara (10).
249 Jangamanalkenpalayam (14).
250 Kalapatti (21).
251 Kallimadai (40).
252 Kantigoundansalai (74).
253 Keeranatham (12).
254 Kondayampalayam (8).
255 Krishnarayapuram (31).
256 Kuniamuthur † (37).
257 Kurichi † (58).
258 Kalakampalayam (21).
259 Kurudampalayam (14).
260 Kurumbapalayam (43).
261 Kumarapalayam (45).
262 Kuppam (50).
263 Kalkanaickenpalayam (41).
264 Karupparayampalayam (21).
265 Kuppakaranur (28).
266 Kalikolampalayam (15).
267 Kurumbapalayam (65).
268 Kalivirampalayam (30).
269 Kallipalayam (13).
270 Kallapuram (74).
271 Konavalkalpalayam (58).
272 Kalampalayam (61).
273 Kolathupalayam (52).
274 Kungagoundenpudur (74).
275 Kallagoundenpalayam (60).
276 Kanthaigoundenchavadi (74).
277 Kasthanalkenpalayam (19).
278 Kallammanpudur * (50).
279 Kallipalayam * (13).
280 Machampalayam (58).
281 Madukkarai (65).
282 Maniakampalayam (20).
283 Malamachampatti (64).
284 Mettupalayam (23).
285 Mangalapalayam (60).
286 Millampalai (74).
287 Muddampalayam (1).
288 Madampatti (56).
289 Madhavarayapuram (62).
290 Mayanthampatti * (77).
291 Narasimhanalkenpalayam (11).
292 Nanjundapuram (47).
293 Neelikonampalayam (40).
294 Nalckenpalayam (51).
295 Nachipalayam (72).
296 Nathagoundenpudur * (59).
297 Nanjagoundenpudur * (25).
298 Othalkaimantapam (73).
299 Onnipalayam (1).
300 Palathurai (69).
301 Pappanalkenpalayam (38).
302 Pannimadai (19).
303 Perianalkenpalayam (5).
304 Perur (54).
305 Perurhettipalayam (54).
306 Podanur (58).
307 Pudupalayam (10).
308 Pudur (38).
309 Peelamedu † (32).
310 Pullakulam (89).

COIMBATORE DISTRICT—cont.

Coimbatore taluk—cont.

311 Pachapalayam (54).
312 Perlaputhur (30).
313 Parameswaranpalayam (44).
314 Pullagoundenpudur (14).
315 Puluvapatti (50).
316 Pullakavundampalayam (44).
317 Pappanalkenpalayam (47).
318 Plchanur * (80).
319 Peddalanalkenpalayam (13).
320 Ramanaithapuram (46).
321 Ramachettipalayam (78).
322 Rangayyagoundenpudur (33).
323 Rakkipalayam (10).
324 Rangasamudram * (80).
325 Saravanampatti (23).
326 Sarkasamakulam (9).
327 Souripalayam (39).
328 Sengalipalayam (10).
329 Sinnavedampatti (25).
330 Sanganoor (28).
331 Settipalayam (38).
332 Subbaramayampalayam (20).
333 Seerapalayam (68).
334 Semmedu (55).
335 Subbanalkenpalayam (25).
336 Samayampalayam (20).
337 Samanalkenpalayam (3).
338 Semmamur (56).
339 Sundakamuthur (78).
340 Thettipalayam (61).
341 Thondamuthur (50).
342 Thudiyalur (20).
343 Thirumalayampalayam (74).
344 Thoppampatti (14).
345 Thenkarai (56 & 59).
346 Thenmanalur (58).
347 Thombakavandampalayam (71).
348 Thekkupalayam (7).
349 Telungampalayam (45).
350 Theppakulampudur (74).
351 Ullampalayam (41).
352 Udayampalayam (38).
353 Uppilipalayam (40).
354 Vadamathurai (14).
355 Vellankurichi (24).
356 Vellalore † (52).
357 Vellakinar (22).
358 Vellamadai (8).
359 Veerapandi (2).
360 Venkatapuram (38).
361 Veerakeralam (37).
362 Vyampalayam (8).
363 Vadavalli (30).
364 Vedapatti (48).
365 Vellanalpatti (15).
366 Veerampalayam (21).
367 Vallampalayam (21).
368 West Chitralchavadi (56).

Dharapuram taluk.

369 Akilandapuram (21).
370 Ayyampalayam * (79).
371 Annampalayam * (36).
372 Bellampatti * (55).
373 Chinnalkalpalayam (79).
374 Dharapuram † (67).
375 Dharapuram (R) (68).
376 Dhalavalpattinam (79).
377 Elisanagar (68).
378 Eragampatti * (51).
379 Erukampalayam * (63).
380 Kothampalayam.
381 Kangayam (21).
382 Kallipalayam (54).
383 Kollingvadi (70).
384 Kolathupalayam * (70).
385 Karalkalipudur * (63).
386 Komarpalayam * (68).
387 Kallivalasu * (51).

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

PYKARA ELECTRICITY SYSTEM—cont.

COIMBATORE DISTRICT—cont.

Dharapuram taluk—cont.

388 Kulukkappalayam * (70).
389 Kurungalivalasu * (70).
390 Naravapalayam * (55).
391 Manurpalayam * (51).
392 Molavalasu * (55).
393 Naranapuram * (51).
394 Narasingapuram * (79).
395 Navanari (54).
396 Nathakadayur (7).
397 Nanjampalayam (68).
398 Odderpalayam * (51).
399 Periakumarapalayam (53).
400 Pattaikallipalayam (51).
401 Palayakottai (8).
402 Pappampudur (79).
403 Puduchakkarpalayam (7).
404 Palanigoundenvalasu * (71).
405 Sadayapalayam * (51).
406 Singarpalayam * (57).
407 Thirumalpalayam * (70).
408 Vellakoll * (24).
409 Yegamanarpudur (8).

Erode taluk.

410 Athiyur (127).
411 Attavanipidiyur (120).
412 Ammapalayam * (128).
413 Chennimalai (P) (151).
414 Chennimalai (152).
415 Chengapalli (124).
416 Chinnakarukkampalayam (128).
417 Congisampallampudur (76).
418 Chinnangirivalasu (120).
419 Ingar (117).
420 Ichikattur * (98).
421 Jayaramapuram * (158).
422 Kunnathur (60).
423 Kavathampalayam (93).
424 Kambiliampatti (93).
425 Katuputhur (27).
426 Kavandampalayam (48).
427 Karumandisilipalayam (77).
428 Kavandampalayam (147).
429 Kasipillampalayam (117).
430 Krishnapuram (140).
431 Kasipalayam (140).
432 Karumampet * (97).
433 Katupathy * (127).
434 Kadapalayam * (77).
435 Kurichi * (41).
436 Kurichipudur * (41).
437 Kasturibagram * (158).
438 Mugasipalayampalayam (120).
439 Muthampalayam (125).
440 Melapalayam (150).
441 Mettupudur (177).
442 Madathupalayam (46).
443 Madathupalayam (77).
444 Moongilpalayam (140).
445 Nagapagoundenpalayam (98).
446 Namarathupalayam (42).
447 Naduvallu * (29).
448 Odavalli * (158).
449 Perundurai (P) (77).
450 Palakkarai (48).
451 Pallapalayam (48).
452 Panickenpalayam (77).
453 Palayampudur (77).
454 Ponnudi * (98).
455 Pudupalayam * (98).
456 Periakarukkampalayam * (128).
457 Reddipalayam (149).
458 Sengalipalayam (110).
459 Sundakkampalayam (95).
460 Seelampatti (77).
461 Srirangagoundenpalayam (48).
462 Sanarpalayam (48).
463 Sakkilinatham (48).
464 Senniamallampalayam (43).
465 Sithandipalayam (60).
466 Santhapalayam (60).

COIMBATORE DISTRICT—cont.

Erode taluk—cont.

467 Saravanampatti (77).
468 Sengulum (117).
469 Slaternagar (77).
470 Sallipalayam (77).
471 Sadayampatti * (128).
472 Sakkarigoundenpalayam * (98).
473 Senjerampalayam * (147).
474 Sakkilinatham * (128).
475 Thiruvankatampalayam * (77).
476 Thalapaty (95).
477 Thulukkappalayam (48).
478 Thudupathi (48).
479 Thoppampalayam (48).
480 Thoppampalayam (77).
481 Thiruvankatampalayampudur (77).
482 Nanjai Uthukuli (106).
483 Nanjai Uthukuli K.S. (107).
484 Virumandampalayam (128).
485 Vilayamangalam (140).
486 Vellarvalli (70).
487 Veerachipalayam (48).
488 Vettakattuvalasu (117).
489 Vazhottavalasu (158).
490 Valarupalayam * (98).
491 Vellampatti * (127).
492 Vettukattuvalasu * (158).

Gobichettipalayam taluk.

493 Arasankuttaipudur (114).
494 Aravayarpalayam (82).
495 Alukkul (78).
496 Ayalur (31).
497 Avalampalayam (117).
498 Ambodi * (15).
499 Basurapalayam (24).
500 Bommalapalayam (81).
501 Bhavanikar (57).
502 Bennarai (18).
503 Bommanalkenpalayam * (93).
504 Badapalli * (56).
505 Chokkamaripalayam (114).
506 Chettipalayam (119).
507 Chokkarasampalayam (80).
508 Chinnakoduveri * (42).
509 Chinnarayampalayam * (42).
510 Chellappampalayam * (104).
511 Dasaripalayam (89).
512 Ellapalayam (121).
513 Ellur * (44).
514 Gobichettipalayam † (P) (85).
515 Getticheryyuranthipalayam (117).
516 Kolappalur (119).
517 Karathupalayam (75).
518 Kandayampalayam (51).
519 Kothamooanpudur (120).
520 Kallimadai (119).
521 Kallampalayam (117).
522 Kanakkampalayam (52).
523 Kanjanur (31).
524 Kudarakkalpalayam (118).
525 Karappadi (104).
526 Karathadipalayampudur (81).
527 Kottapalayam (104).
528 Kothuveerampalayam (38).
529 Koolamooanur (81).
530 Kuppandampalayam (120).
531 Konamoolai (38).
532 Kothamangalam * (28).
533 Karagoundenpudur * (28).
534 Kullanaickenur * (14).
535 Kambanalkenpalayam * (39).
536 Kambanalkenpatty * (39).
537 Kattaluthur * (98).
538 Kalliyur *.
539 Kollipalayampudur * (47).
540 Komarpalayam * (40).
541 Koyanur * (58).
542 Karagoundenpalayam * (104).
543 Kandisalai * (104).
544 Kavallipalayam * (108).
545 Koppampalayam * (106).

* Electrified during the year.

† Town.

NOTE.—Number within brackets indicates Code number of the village as per Census Book, 1951.

* Electrified during the year.

† Town.

NOTE.—Number within brackets indicates Code number of the village as per Census Book, 1951.

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

PYKARA ELECTRICITY SYSTEM—cont.

COIMBATORE DISTRICT—cont.

Gobichettipalayam taluk—cont.

- 546 Kongarapalayam * (45).
 547 Lakshimpur (117).
 548 Lakkampatti (80).
 549 Molachur (86).
 550 Madampalayam (102).
 551 Mettur (119).
 552 Mallipalayam (81).
 553 Molakavundampalayam (110).
 554 Manickempudur (120).
 555 Maranpalayam * (104).
 556 Malandipudur * (39).
 557 Nochikottai * (105).
 558 Nadrood * (14).
 559 Nadukkaveripalayam (120).
 560 Nanjaipullampatti (83).
 561 Nallagoundenpalayam (80).
 562 Nellampalayam (117).
 563 Namakkalpalayam (81).
 564 Nallur (103).
 565 Neechampalayam (117).
 566 Olappagoundenur (117).
 567 Odderpalayam * (42).
 568 Periyur (85).
 569 Pujathoryampalayam (49).
 570 Pullipalayam (117).
 571 Pudur (31).
 572 Pattrangalam (26).
 573 Pooariyur (77).
 574 Periakavundalur (113).
 575 Pullampatti (105).
 576 Pujalpallampatti (105).
 577 Perakavadi (24).
 578 Periakoduvuri * (42).
 579 Pullappanickenpalayam * (14).
 580 Pudukarai * (96).
 581 Rangasamudram (35).
 582 Rajnagar (28).
 583 Ramanaickenur (120).
 584 Ramanathapuram (105).
 585 Siruvalur (120).
 586 Satyamangalam † (U). (34).
 587 Semmandampalayam (81).
 588 Sanarpalayam (118).
 589 Sengalarakkarai (120).
 590 Sivarpalayam * (40).
 591 Satyamangalam (R). (36).
 592 Sakkarapalayam * (93).
 593 Sellipalayam * (14).
 594 Thalguni (118).
 595 Thandampalayam (31).
 596 Thannirpandal (31).
 597 Thannasipudur (77).
 598 Thoonanickenpalayam (47).
 599 Thekkukaveripalayam (120).
 600 Thannirpandalpalayam (93).
 601 Thimmanagoundenpudur * (28).
 602 Tottipalayam * (93).
 603 Thairpallampudur * (28).
 604 Tohiyur * (104).
 605 Vadakkukaveripalayam (120).
 606 Varadampalayam (87).
 607 Vanipudur (47).
 608 Vellankoll (121).
 609 Veerapandi (85).
 610 Vadugapalayam * (104).
 611 Venkatapuram * (44).
 612 Vakathugoundenpudur * (104).
 613 Vellampalayam * (28).
 614 Vadugapalayam * (15).

Palladam taluk.

- 615 Anappapalayam (17).
 616 Appanackennipatti (67).
 617 Arsur (80).
 618 Arugampalayam (38).
 619 Athappagoundenpudur (42).
 620 Audinarayanapuram (87).
 621 Alathurpalayam (69).
 622 Anupatti (75).
 623 Agraharapudur (24).
 624 Ammapalayam (71).
 625 Ayyampalayam (61).
 626 Ayyampalayam (51).
 627 Andipalayam (25).
 628 Appayapalayam (77).
 629 Anapalayam (17).
 630 Anapudur (77).
 631 Ayyampalayam (40).
 632 Angeripalayam (14).
 633 Ananthapuram * (28).
 634 Appanackennipattipudur * (67).
 635 Aitayampalayam * (33).
 636 Andipalayam * (12).
 637 Bogampatti * (87).
 638 Bommanackennipalayam (15).
 639 Bommanackennipalayam (18).
 640 Balasamudram (68).
 641 Chandakrari (26).
 642 Chinnavadugapalayam (69).
 643 Chinnayagoundenvalasu (68).
 644 Chittambalam (76).
 645 Chavadipalayam (83).
 646 Chinnakoll (78).
 647 Chinnapudur (24).
 648 Chittambalampudur (76).
 649 Chinnappachettipudur (76).
 650 Chellappapalayam (31).
 651 Chinnamoopripalayam * (16).
 652 Chinnakallipalayam * (33).
 653 Chinnagoundenpudur * (25).
 654 Devarayampalayam (45).
 655 Elamanackennipalayam (83).
 656 Edavapalayam (80).
 657 Ellachipalayam * (22).
 658 G. N. Palayam (27).
 659 Ganapathipalayam (40).
 660 Goldampatti (47).
 661 Ganapathipalayam (24).
 662 Giddampalayam * (13).
 663 Ganapathipalayam * (16).
 664 Irugur (42).
 665 Ichipatti (45).
 666 Ittivelampalayam (7).
 667 Iduvoy * (35).
 668 Iduvampalayam * (34).
 669 Kallapalayam (78).
 670 Kanlyur (31).
 671 Kannampalayam (58).
 672 Karadibavi (74).
 673 Karavallimudapur (39).
 674 Kusavampalayam (51).
 675 Kalengai (59).
 676 Karunampet (47).
 677 Kambalkadupudur (45).
 678 Karunampet (47).
 679 Kadambadiyur (44).
 680 Kodangipalayam (47).
 681 Kadambadi (44).
 682 Karapudur (54).
 683 K. K. K. hnapuram (81).
 684 Kallipalayam * (9).
 685 Kallapalayam (40).
 686 Kullagoundenpalayam (5).
 687 Kethanur (83).
 688 Kaduvettipalayam (10).
 689 Kethanurmanthiripalayam (83).
 690 Krishnapuram (22).
 691 Karumathampattipudur * (22).
 692 Kallalkkarpudur (70).
 693 Kollivalli (28).
 694 Kamakkampalayam (82).
 695 Karadibavipudur (74).
 696 Kangayampalayam (40).
 697 Kombalkattupudur (45).
 698 Kothupalayam (31).
 699 Kannampalayam (36).
 700 Kallipalayam (40).
 701 Karumathampatti (22).
 702 Kannanackennipalayam (81).
 703 Kallapuram (37).
 704 Kallinarayampalayam (5).
 705 Kurukkalpalayam * (23).
 706 Kangayampalayam * (46).
 707 Kangayampalayampudur * (46).

COIMBATORE DISTRICT—cont.

Palladam taluk—cont.

COIMBATORE DISTRICT—cont.

Palladam taluk—cont.

- 708 Kolathupalayam * (13).
 709 Kittampalayam * (18).
 710 Kollagoundenpudur * (25).
 711 Kallakinar * (70).
 712 Lakshminackennipalayam (7).
 713 Marlanallur (22).
 714 Mylampatti (36).
 715 Mudalipalayam (37).
 716 Mangalam (24).
 717 Molligoundapalayam (70).
 718 Mannarai (19).
 719 Mallakkoll (24).
 720 Mattanackennipalayam (81).
 721 Muthugoundenpudur (87).
 722 Manickampudur (62).
 723 Mayandipalayam (7).
 724 Mettupalayam (83).
 725 Muthandipalayam (61).
 726 Muthanampalayam (28).
 727 Muthugoundenpudur (20).
 728 Mandripalayam * (94).
 729 Molakalipalayam * (10).
 730 Moopripalayam * (16).
 731 Madappur * (70).
 732 Nallagoundenpalayam * (70).
 733 Nallagoundenpalayampudur * (70).
 734 Nilambur (37).
 735 Narayanapuram (48).
 736 Nullur (26).
 737 Nassavampalayam (69).
 738 Nallagoundenpalayam (10).
 739 Nagamansackennipalayam (65).
 740 Naduppalayam (66).
 741 Odderpalayam (57).
 742 Ondipudur (57).
 743 Palladam † (38).
 744 Palladam † (62).
 745 Pappampatti (78).
 746 Pattanam (65).
 747 Peedampalli (60).
 748 Paramasivampalayam (26).
 749 Perumanallur (8).
 750 Paruvai (60).
 751 Pallapalayam (57).
 752 Pullampatti (82).
 753 Pallalkkalpalayam (55).
 754 Panikampalli (68).
 755 Poonandampalayam (31).
 756 Pullamarathupalayam (88).
 757 Paduvampalli (6).
 758 Pallipalayam (82).
 759 Pumalaur (82).
 760 Pattanamupudur (65).
 761 Pothlampalayam * (30).
 762 Panapalayam * (48).
 763 Pichampalayam * (18).
 764 Pirchampalayampudur * (18).
 765 Raklapatti * (7).
 766 Rayarpalayam * (22).
 767 Rasipalayam (88).
 768 Ravathur (42).
 769 Rangasamudram (68).
 770 Rasagoundenpalayam (47).
 771 Ramachampalayam (80).
 772 Sengodagoundenpudur (80).
 773 Somanur (22).
 774 Sulu † (48).
 775 Samalapuram (40).
 776 Selappampalayam (72).
 777 Selakkarihal (79).
 778 Semmipalayam (62).
 779 Subbarayampalayam (30).
 780 Sekkampalayam (48).
 781 Sukkampalayam (53).
 782 Semmandampalayam (28).
 783 Sengodampalayam (31).
 784 Solipalayam (17).
 785 Sinnanpulumampatti (17).
 786 Siddanackennipalayam (79).
 787 Sultampet * (24).
 788 Sennigoundenpalayam (52).

COIMBATORE DISTRICT—cont.

Palladam taluk—cont.

- 789 Sengodapalayam * (81).
 790 Srirangagoundenpalayam * (83).
 791 Sekudanthalai * (22).
 792 Sedanackettipalayam * (38).
 793 Sendipalayam * (40).
 794 Sinnanipalayam * (25).
 795 Solakattupalayam * (16).
 796 Sammigoundenpudur * (70).
 797 Thottipalayam (18).
 798 Thekkupalayam (18).
 799 Tiruppur † (20).
 800 Thottipalayam (83).
 801 Thottipalayam (30).
 802 Thinnampalayam (30).
 803 Thottipudur (31).
 804 Thimmanackennipalayam (79).
 805 Thirumangoundenpalayam (82).
 806 Tiruppur (R) (21).
 807 Uthupalayam (30).
 808 Unjapalayam (58).
 809 Unjapalayam (31).
 810 Uthukuli * (74).
 811 Vadugapalayam (69).
 812 Vellampalayam (72).
 813 Vellampalayam (17).
 814 Venkatapuram (69).
 815 Velayudhampalayam (40).
 816 Vettupalayam (24).
 817 Vaduvankalipalayam (40).
 818 Vellampalayam * (41).
 819 Veeranapoosarpalayam * (79).
 820 Vadugapalayam * (18).
 821 Valayapalayam * (16).

Pollachi taluk.

- 822 Achipatti (56).
 823 Angalakurichi (138).
 824 Ambarampalayam (94).
 825 Akkilandapuram (104).
 826 Avilichinnampalayam (107).
 827 Ardhannampalayam * (136).
 828 Alagrichettipalayam (29).
 829 Anamalai † (116).
 830 Anupollachi * (86).
 831 Ayalampattai * (53).
 832 Ayyampalayam * (67).
 833 Amichigoundenur * (136).
 834 Bagavathipalayam (26).
 835 Chinnampalayam (26).
 836 Devampadi (49).
 837 Devanampalayam * (24).
 838 Devipattanam (125).
 839 Devarayapuram (28).
 840 Devanandipalayam * (18).
 841 Gettimallampudur * (94).
 842 Gomangalam (99).
 843 Gomanagampudur (102).
 844 Ganagampalayam (118).
 845 Guruvagoundenpalayam (15).
 846 Gandhipattinam (100).
 847 Gopalapuram (50).
 848 Govindanur (35).
 849 Iyerpadi (139).
 850 Jakkarpalayam (21).
 851 Kallapuram (184).
 852 Kinathukadavu (11).
 853 Kallamkattupudur (11).
 854 Kollipalayam (30).
 855 Kattampatti (106).
 856 Kottur † (135).
 857 Kanjampatti (100).
 858 Konganathampudur (37).
 859 Kolathupudur (55).
 860 Kunjapalayam (79).
 861 Kulichettipalayam (37).
 862 Karimpalayam (130).
 863 Kurumbapalayam (57).
 864 Kolarpatti (101).
 865 Kollipalayam (15).
 866 Kakkadavu (84).
 867 Kallipalayam (51).

* Electrified during the year.

† Town.

NOTE.—Number within brackets indicates Code number of the village as per Census Book, 1951.

* Electrified during the year.

NOTE.—Number within brackets indicates Code number of the village as per Census Book, 1951.

† Town.

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

PYKARA ELECTRICITY SYSTEM—cont.

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

PYKARA ELECTRICITY SYSTEM—cont.

COIMBATORE DISTRICT—cont.

Pollachi taluk—cont.

868 Kasipavanam (98).
869 Kolathupalayampudur (24).
870 Kullakkapalayam (51).
871 Kollangipalayam (18).
872 Kallappampalayam (32).
873 Kappalukaral (23).
874 Kanakkampatti * (52).
875 Kallipatti * (52).
876 Karayanpalayam * (130).
877 Karumapuram * (67).
878 Kondagoundenpalayam * (47).
879 Karunakarapudi * (9).
880 Kothavadi * (12).
881 Karumapuram * (47).
882 Kondampatti * (9).
883 Kallipattipudur * (52).
884 Kallappagoundenpudur * (93).
885 Kurlchi * (120).
886 Lowerpalli (139).
887 Lakshimpuram (115).
888 Makkanampatti (89).
889 Mallamparai (138).
890 Malayandipattinam (90).
891 Muthur (17).
892 Mullupadi (26).
893 Mapelagoundenur (80).
894 Muthunalkenpatti (41).
895 Marichinalkenpalayam (93).
896 Mettupalayam (30).
897 Marappagoundenpudur * (103).
898 Mamarathupatti * (127).
899 Mylapuram * (130).
900 Nallur * (130).
901 Narayanachettipalayam (29).
902 Nelligoundenpalayam (61).
903 Nelligoundenpalayam (25).
904 Negamam (32).
905 Nattukkallpalayam (98).
906 Namlampatti (84).
907 Nagoor (65).
908 Nallakattu (139).
909 Nellattipalayam (10).
910 Nanjagoundenpudur (56).
911 Okkallipalayam (46).
912 Odayakulam (124).
913 Othakadal (30).
914 Perinegamam (32).
915 Ponnapuram (55).
916 Pellichinnappalayam (121).
917 Palanigoundenpudur (11).
918 Poddanayakanoor (122).
919 Pullampatti (69).
920 Periyapoodur (103).
921 Pongaliyur (135).
922 Puzanalekandhalai (44).
923 Palaniyoor (185).
924 Porattipalayam * (85).
925 Pakkothipalayam (97).
926 Poochanarai * (93).
927 Ponnagoundenur * (120).
928 Pothanur * (57).
929 Paruthiyur * (130).
930 Reddiyanur * (130).
931 Ramanamudalpudur (127).
932 Rasakkapalayam (60).
933 Ramanathapuram (125).
934 Rangampudur (82).
935 Samathur (109).
936 Somandurai (127).
937 Sothumudai (125).
938 Singanallur (104).
939 Solavampalayam (5).
940 Subbagoundenpalayam (98).
941 Singarampalayam (11).
942 Sadayagoundenpudur (51).
943 Sengathupalayam (41).
944 Solanur (89).
945 Senniur (29).
946 Sulakkal (29).
947 Somanathapuram (126).
948 Soolavaranpatti (91).
949 Servakorampalayam (86).

COIMBATORE DISTRICT—cont.

Pollachi taluk—cont.

950 Sendakavundanpalayam (38).
951 Sendrampalayam (25).
952 Sholapuram (92).
953 Solipalayam (92).
954 Senjivadi (115).
955 Sellappampalayam (45).
956 Shimmampalayam (81).
957 Shlokerayapuram (50).
958 Sengampalayam * (99).
959 Thatharythenpudur (93).
960 Thensangampalayam (131).
961 Thalakaral (61).
962 Thippampatti (38).
963 Thenchittoor (128).
964 Thamarakulam (19).
965 Thenkumarapalayam * (120).
966 Unjavelampatti (82).
967 Udayakulam (124).
968 Uthukull (79).
969 Valparai (139).
970 Vettalkaranpudur † (P) (125).
971 Vettaikaranpudur (R) (126).
972 Varathanoor (41).
973 Vellalkambunagur (65).
974 Velayudampalayam (25).
975 Vadakkipalayam (38).
976 Vadasandur (131).
977 Vadagapalayam (61).

Udumalpet taluk.

978 Anikadavu (8).
979 Adivalli (14).
980 Alampalayam (70).
981 Andipyur (30).
982 Ammapatti (67).
983 Andigoundenur (72).
984 Ammapatti (16).
985 Ammapatti * (4).
986 Ammapattipudur * (4).
987 Arasur * (56).
988 Bodipatti (59).
989 Basavanakkenpatti (13).
990 Chinnavalavadi (57).
991 Chinnabommanchalai (40).
992 Dhali (76).
993 Devanurpudur (52).
994 Dinapatti (42).
995 Doddampatti * (20).
996 Erisanampattu (58).
997 Gudimangalam (18).
998 Guruvappanalekenur (79).
999 Gnanapathyapalayam (32).
1000 Illuppanagaram (11).
1001 Jellipatti (77).
1002 Jellobanalekenpalayam * (65).
1003 Kollipalayam (18).
1004 Kaniyur (38).
1005 Kallapalayam (6).
1006 Karatholuvu (29).
1007 Kadathur (37).
1008 Kulumam (84).
1009 Komaralingam (38).
1010 Kannamanalekenur (62).
1011 Kumarapalayam (21).
1012 Kodangiyam (54).
1013 Koralkuttai (61).
1014 Kavathur (40).
1015 Kurachikottai (78).
1016 Karuppanur (69).
1017 Kottamangalam (21).
1018 Kendaipatti * (12).
1019 Kosikuttai * (18).
1020 Kongalnagar * (15).
1021 Lingamanalekenpudur (17).
1022 Manupatti (21).
1023 Murugapatti (21).
1024 Marupatti (62).
1025 Metrahi (22).
1026 Muthusamudram (18).
1027 Madathukulam (53).
1028 Mudakkupatti (68).

† Town.

* Electrified during the year.
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APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

PYKARA ELECTRICITY SYSTEM—cont.

COIMBATORE DISTRICT—cont.

Udumalpet taluk—cont.

1029 Mettupalayam (9).
1030 Madathur * (8).
1031 North Bodinatham (58).
1032 Najalagoundenpalayam (8).
1033 Nanjagoundenpatti (8).
1034 Peelampatti (16).
1035 Periyapatti (6).
1036 Periyavalaadi (57).
1037 Pukkulam (25).
1038 Pootayampalayam (20).
1039 Poolankinar (31).
1040 Ponnari (26).
1041 Pudukpalayam (14).
1042 Periapampathur (43).
1043 Pulavadi (9).
1044 Pedappampatti (16).
1045 Pallapalayam * (69).
1046 Panalkinar (19).
1047 Ragalavai (46).
1048 Rangampalayam (8).
1049 Ramachandrapuram (8).
1050 Reddipalayam (55).
1051 Rangasamudram (9).
1052 Ramanathapuram (64).
1053 Rajoor * (85).
1054 Somavarapatti (33).
1055 Sundakkampalayam (28).
1056 Sadayagoundenpudur (30).
1057 Sirkarpudur (56).
1058 Sengalappagoundanur (74).
1059 Sinnaveerampatti (34).
1060 Sinnakumarapalayam (80).
1061 South Boothinatham (69).
1062 Sanuppapatti (12).
1063 Sellappampalayam (51).
1064 Thungavi (28).
1065 Thimbalapatti (71).
1066 Thottiyannur * (43).
1067 Udukkampalayam (41).
1068 Udumalpet † (43).
1069 Vanasapatti (24).
1070 Virugapatti (10).
1071 Velappanalekenur (18).
1072 Velayudagoundenpudur (12).
1073 Valayapalayam (74).
1074 Vallampalayam (21).
1075 Velur (45).
1076 Vadugapalayam (17).
1077 Valliothettipalayam (5).
1078 Valavadi (57).
1079 Vallakondapuram (54).

MADURAI DISTRICT.

Dindigul taluk.

1080 Alamarathupatti (118).
1081 Arthur (128).
1082 Akkarapatti (128).
1083 Ayyampalayam (U) (144).
1084 Ayyampalayam (R) (145).
1085 Adiamuthu (104).
1086 Ayyankottai * (145).
1087 Balakrishnapuram (88).
1088 Begumbur (87).
1089 Chinnalapatti (128).
1090 Chinnappapuram (101).
1091 Chinnagoundenpatti * (145).
1092 Dindigul † (87).
1093 Dharmathampatti (84).
1094 Devarampatti * (145).
1095 Hanumatharayankottai (95).
1096 Jeevalsaragu (125).
1097 Kondayampatti (100).
1098 Kandaswampuram (101).
1099 Karasapatti (84).
1100 Kippusapatti (100).
1101 Konur (101).
1102 Kulanampatti (104).
1103 Kurathupatti (101).
1104 Kalkampatti (128).

MADURAI DISTRICT—cont.

Dindigul taluk—cont.

1105 Keelakottai (128).
1106 Kannivadi * (88).
1107 Kuppanalekenpatti * (148).
1108 Kondanaykenpatti * (148).
1109 Mannilalkottai * (115).
1110 Mannilalkottai (128).
1111 Narasingapuram (134).
1112 Nallur * (143).
1113 Punjampatti (N) (112).
1114 Pithalapatti (102).
1115 Pillayaratham (110).
1116 Palapalayam (123).
1117 Parapatti (100).
1118 Soudampatti (123).
1119 Poddanpatti (84).
1120 Pallapatti * (79).
1121 Ramanathapuram (100).
1122 Sembatti (128).
1123 Seelampatti (143).
1124 Siddanankottai (124).
1125 Sinthalagundu (95).
1126 Sivanakayanpatti (84).
1127 Suppatti (95).
1128 Sitheruvu * (148).
1129 Yakkampatti (108).
1130 Veerakal (109).
1131 Vellampatti (101).
1132 Vennampatti (100).

Kodaikanal taluk.

1133 Alladipatti (18).
1134 Gorapur (9).
1135 Kodaikanal † (U) (9).
1136 Kodaikanal (R) (10).
1137 Kumbavikadu * (16).
1138 Pannalkodu (13).
1139 Pulathur * (16).
1140 Sambaganoor (9).
1141 Thaikkal (9).
1142 Uralpatti (18).

Nilakkottai taluk.

1143 Ammayanalekenur (16).
1144 Ammapatti (96).
1145 Ammanalekenur (15).
1146 Bahalagundu † (U) (17).
1147 Bathalagundu (R) (13).
1148 Chokanchettipatti * (25).
1149 Doraiswamyapuram * (10).
1150 Idayarapatti (18).
1151 Kamathipuram * (10).
1152 Lakshimpuram * (20).
1153 Malanampatti * (20).
1154 Maniyakarampatti (10).
1155 Meenakshipuram (10).
1156 Marthampatti (16).
1157 Nilakkottai † (U) (10).
1158 Nilakkottai (R) (11).
1159 Nuthalapuram * (9).
1160 Nakkampatti * (16).
1161 Orathattu * (16).
1162 Old Bathalagundu * (18).
1163 Padupatti (4).
1164 Pattiverampatti (5).
1165 Pattiverampatti (6).
1166 Sevungampatti (6).
1167 Shukravapatti * (26).
1168 Thulipatti (10).
1169 Thummalapatti * (9).
1170 Vadipatti (6).
1171 Vadipatti Pallavanatham (6).

Palni taluk.

1172 Akkamanalekenpudur (104).
1173 Ayakudi † (U) (107).
1174 Ayakudi (R) (108).
1175 Adivaram (106).
1176 Ayyampatti (121).
1177 Amarapundi (60).
1178 Balasamudram (119).

* Electrified during the year.
NOTE.—Number within brackets indicates Code number of the village as per Census Book, 1951. † Town.
H.A.R.—6

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

PYKARA ELECTRICITY SYSTEM—cont.

MADURAI DISTRICT—cont.

Paini taluk—cont.

- 1179 Devathadivalasu* (87).
1180 Erumanalekenpatti (79).
1181 Kothamangalam (90).
1182 Kalayamputhur (104).
1183 Karadikudam (111).
1184 Kavalapatti (117).
1185 Kumarapalayam (44).
1186 Keeranur† (P.B.)* (28).
1187 Keeranur* (R) (29).
1188 Kalikanalekenpatti* (97).
1189 Karuppagoundenvalasu* (90).
1190 Kandappagoundenvalasu* (87).
1191 Kurumbapatti* (110).
1192 Kanjanalekenpatti* (80).
1193 Markkanalapuram* (51).
1194 Marichilambu (51).
1195 Nelkarapatti (111).
1196 Nelkarapatti (112).
1197 Nalckenur* (80).
1198 Naganampatti* (80).
1199 Oddanchattram* (80).
1200 Ovalapuram* (107).
1201 Palaya Oddenchattram* (80).
1202 Palanigoundenpudur* (80).
1203 Periya Kalayanpudur (104).
1204 Pappampatti (114).
1205 Ponnapuram (108).
1206 Paini (R) (108).
1207 Paini† (U) (105).
1208 Palayam (105).
1209 Pulampatti (51).
1210 Rukkuvarapatti* (60).
1211 R. Vadipatti (109).
1212 Sitharavu (82).
1213 Sivagripatti (99).
1214 Sinnakalayampudur (96).
1215 Sangapillarpudur* (80).
1216 Thumbachampatti* (80).
1217 Thumbachampattipudur* (80).
1218 Thathankulam* (99).
1219 Thathankulam* (99).
1220 Thummalapatti* (49).
1221 Thoppampatty* (87).
1222 Thirugoundanvalasu (51).
1223 Thamarakulam (118).
1224 Thattinalekenpatti (120).
1225 Uppalapatti* (80).
1226 Velampatti (24).
1227 Velayudampalayampudur (117).
1228 Vathakavandenvalasu (94).

Periyakulam taluk.

- 1229 Anakkarpatty (38).
1230 Alagapuri (98).
1231 Allinagaram† (U) (24).
1232 Allinagaram (R) (25).
1233 Andipatty (86).
1234 Ammatichilpuram* (82).
1235 Ambasamudram (84).
1236 Ambasamudram (74).
1237 Balakrishnapuram (44).
1238 Bodinalckenur† (27).
1239 Bodinalckenur (R) (28).
1240 Bodendrapuram* (82).
1241 Cumbum—Uthamapalayam† (115).
1242 Chinnamanur† (96).
1243 Devadanapatti (6).
1244 Devadanapatti (R) (7).
1245 Dombacheri (U) (50).
1246 Dombacheri (R) (51).
1247 Gudalur† (121).
1248 Ganguvarpatti (U) (4).
1249 Ganguvarpatti (R) (5).
1250 Govindanagaram (U) (78).
1251 Govindanagaram (R) (74).
1252 Govindanpatti* (108).
1253 Hanumanthampatti* (107).
1254 Jangalipatti (84).
1255 Jakkampatti (36).
1256 Jayamangalam (17).
1257 Jayamangalam (R) (18).

MADURAI DISTRICT—cont.

Periyakulam taluk—cont.

- 1258 Karuppathavanpatti (84).
1259 Koduvillarpatti (U) (43).
1260 Koduvillarpatti (R) (44).
1261 Koragathi (44).
1262 Kamatchilpuram (3).
1263 Keelvadagarai (10).
1264 Kondamanalekenpatti (101).
1265 Kamayagoundenpatti (117).
1266 Karlanampatti (88).
1267 Kombal† (88).
1268 Kombal (R) (94).
1269 Kottur* (72).
1270 Kummukuppatti* (5).
1271 Kunnur* (32).
1272 Lakshminipuram (14).
1273 Melmangalam (15).
1274 Markayankottai (90).
1275 Muthuthavanpatti (54).
1276 Malligoundampatti (83).
1277 Manikundu (U) (45).
1278 Manikudu (R) (46).
1279 Mulhalapuram* (102).
1280 Naranapuram* (84).
1281 Nagalapuram (44).
1282 Nagayagoundenpatti (113).
1283 Odalipatti* (97).
1284 Palanicheppatti (80).
1285 Periyakulam† (9).
1286 Pannalapuram (88).
1287 Poomalagundu (82).
1288 Pudupatti (14).
1289 Pudupatti (114).
1290 Paramathevanpatti* (101).
1291 Poolamandapuram* (90).
1292 Royappampatti (112).
1293 Rayappampatti (R) (113).
1294 Ranganathapuram (37).
1295 Ranganathapuram (88).
1296 Ramanamalekenpatti (101).
1297 Srinangapuram (61).
1298 Sukkangalipatti (97).
1299 Subbalapuram (45).
1300 Seedapatti (15).
1301 Sapalakottai (95).
1302 Selanampatti* (86).
1303 Sodayalipatti* (12).
1304 Surulayatti* (120).
1305 Theni (24).
1306 Thadicherri (81).
1307 Thevaram† (U) (79).
1308 Thevaram (R) (80).
1309 Thamarakulam (14).
1310 Uttamapalayam† (90).
1311 Upparapatti (57).
1312 Uppukottai (52).
1313 Unjampatti (23).
1314 Uthamapuram* (116).
1315 Veerapandi (U) (53).
1316 Veerapandi (R) (54).
1317 Venkatachalapuram (84).
1318 Veppampatti (87).
1319 Vadaveeranalekenpatti (20).
1320 Vadugapatty (15).
1321 Vayalpatti (53).
1322 Vellamadhi* (68).
1323 Vadipatti* (12).

NILGIRIS DISTRICT.

Coonoor taluk.

- 1324 Anaihatti (10).
1325 Aralyatti (10).
1326 Aralyatti (27).
1327 Aravenu (10).
1328 Aravenu (11).
1329 Achinakal (Melatti) (21).
1330 Achinakal (Kellatti) (21).
1331 Aravankadu (32).
1332 Adigaratty (25).
1333 Aragachy (27).

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

PYKARA ELECTRICITY SYSTEM—cont.

NILGIRIS DISTRICT—cont.

Coonoor taluk—cont.

- 1334 Ambikapuram* (22).
1335 Berhatti (10).
1336 Benthatti (10).
1337 Botallada (12).
1338 Bellada (19).
1339 Banthum (14).
1340 Bettati (14).
1341 Beratty (17).
1342 Benratty (17).
1343 Bikkatti (Upper) (22).
1344 Bikkatti (Lower) (22).
1345 Bikkol (25).
1346 Balada (27).
1347 Coonoor† (U) (20).
1348 Coonoor (R) (17).
1349 Chinnabikkatti (22).
1350 Denad (4).
1351 Dimbatti (10).
1352 Doddamanahatti (13).
1353 Dhinalai (21).
1354 Gathukuli (10).
1355 Gopalapuram (14).
1356 Godalathy (9).
1357 Honnoral (9).
1358 Hallyur (10).
1359 Horasholati (10).
1360 Hettagal (13).
1361 Hosatti (13).
1362 Havur (13).
1363 Hosatti (14).
1364 Hullada (21).
1365 Halattanai (27).
1366 Hullical (26).
1367 Idukoral (10).
1368 Imbimorahatti (13).
1369 Ittakallu (18).
1370 Illithorai (16).
1371 Jackalada* (3).
1372 Jakkannalai (10).
1373 Jakkannalai (11).
1374 Jagathala (14).
1375 Jagmathalai (15).
1376 Jaggaikombal (16).
1377 Kilkotagiri (4).
1378 Kodakadu (9).
1379 Katthabettu (9).
1380 Kechakatti (10).
1381 Kadakodu (10).
1382 Kallada (10).
1383 Kanerimuku (10).
1384 Karbetta osatti (1.).
1385 Karbetta Halayatti (10).
1386 Kervan (10).
1387 Kotagiri† (U) (10).
1388 Kallada (11).
1389 Konayakkarai (12).
1390 Konakoral (14).
1391 Kabilkoral (12).
1392 Konakoral (14).
1393 Kekatti (21).
1394 Kommundu (21).
1395 Keralakandi (21).
1396 Keralakandi (21).
1397 Ketu (21).
1398 Katteri (25).
1399 Kodaru (Keel) (25).
1400 Kodaru (Mel) (25).
1401 Karimarahatti (22).
1402 Kapatti Thorai* (3).
1403 Kambatti* (3).
1404 Kola kombal* (27).
1405 Kattery Road* (17).
1406 Kotagatti* (21).
1407 Manjathala* (17).
1408 Mallikkoral* (14).
1409 Millithen (8).
1410 Melatti (14).
1411 Madua kombal (11).
1412 Melur (18).
1413 Manakaracheri (17).
1414 Manapattu (21).
1415 Mokkatti (21).

NILGIRIS DISTRICT—cont.

Coonoor taluk—cont.

- 1416 Manjacombabazaar (27).
1417 Melur (27).
1418 Naduhatti (4).
1419 Neergundi Estate (4).
1420 Naduhatti (9).
1421 Naduhatti (10).
1422 Naduhatti (25).
1423 Nalhatti (27).
1424 Norikanbu (21).
1425 Navilali (11).
1426 Onnatty (4).
1427 Othannahatti (14).
1428 Oranalli (25).
1429 Osatti (Melatti) (27).
1430 Osatti (Kollatti) (27).
1431 Pethala (9).
1432 Padumudi Osahatti (13).
1433 Palada (25).
1434 Porayaratti (21).
1435 Periya bikkatti (22).
1436 Pamavenu (20).
1437 Samalathattu* (3).
1438 Sholuram tam (4).
1439 Sakthala (10).
1440 Selaval (10).
1441 Sakthaa (11).
1442 Sakkalatti (21).
1443 Shanthur (21).
1444 Soragundu (21).
1445 Sagathorai (21).
1446 Salas (26).
1447 Thogalhatti (9).
1448 Thanthanad (10).
1449 Thimiyur (10).
1450 Thimbur (10).
1451 Thodanad (10).
1452 Tattapallam (11).
1453 Thumiyar (11).
1454 Theppakombay (12).
1455 Thumbinomalai (13).
1456 Thuneri (18).
1457 Thoddanni (21).
1458 Thidayatti (21).
1459 Thuratti (25).
1460 Ubbatnalai (22).
1461 Ubbathalai (Upper) (22).
1462 Ubbathalai (Lower) (22).
1463 Ubbathalai (23).
1464 Vonatti (4).
1465 Vothanatti (14).
1466 Wellington (Bantonment) (18).
1467 Wellington (Barracks) (19).
1468 Wellington (17).
1469 Yellakombai (9).
1470 Yellamhalli (21).
1471 Yedapatti (16).

Gudalur taluk.

- 1472 Bandipetti (7).
1473 Cherumutti (6).
1474 Chamba (7).
1475 Devala (4).
1476 Devarshola (5).
1477 Gudalur (7).
1478 Killur (5).
1479 Kalliyad (7).
1480 O' Valley (8).
1481 Seaforth (8).
1482 Uppatti* (4).

Ootacamund taluk.

- 1483 Ajoor (5).
1484 Anikkoral (8).
1485 Appukkodu (18).
1486 Angadhatti (18).
1487 Arabhathi (14).
1488 Alakkoral (14).
1489 Attuboli* (18).
1490 Anikkoral* (8).
1491 Bikkandy (13).
1492 Bikkody (18).

* Electrified during the year.

NOTE.—Number within brackets indicates Code number of the village as per Census Book, 1951.

† Town.

E.A.R.—6A

* Electrified during the year.
NOTE.—Number within brackets indicates Code number of the village as per Census Book, 1951.

† Town.

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

PYKARA ELECTRICITY SYSTEM—cont.

NILGIRIS DISTRICT—cont.

Ootacamund taluk—cont.

- 1493 Banahatti (5).
- 1494 Bellcombal (5).
- 1495 Bengichakal (12).
- 1496 Belthala (13).
- 1497 Bembatty (13).
- 1498 Balachola (14).
- 1499 Bengalmattam (14).
- 1500 Bikkatthi (15).
- 1501 Bakkaoral (16).
- 1502 Baigada * (12).
- 1503 Davani (7).
- 1504 Denad (14).
- 1505 Devarshola (14).
- 1506 Hosahatty (8).
- 1507 Honnathalai (5).
- 1508 Hullathi (8).
- 1509 Hosathi (15).
- 1510 Hosahatti * (8).
- 1511 Ithalar (13).
- 1512 Kattati (8).
- 1513 Kagguchi (5).
- 1514 Kallanganatty (5).
- 1515 Kavanatti (6).
- 1516 Kadanadi (7).
- 1517 Kavalorai (7).
- 1518 Kambatti (9).
- 1519 Kappachi (9).
- 1520 Kenthurai (9).
- 1521 Kunthachappi (9).
- 1522 Kuruchukuli (12).
- 1523 Kil-Kawhatty (12).
- 1524 Kallakoral (13).
- 1525 Karikabela (13).
- 1526 Kanneri (14).
- 1527 Kokkalada (14).
- 1528 Kothibene (14).
- 1529 Kundah Bridge (14).
- 1530 Keralipadu (15).
- 1531 Kundahkotagiri (15).
- 1532 Kanigamalai (16).
- 1533 Koolkatti (18).
- 1534 Kilundah (18).
- 1535 Kavapillu (6).
- 1536 Kothumudi * (4).
- 1537 Karukkal * (8).

NILGIRIS DISTRICT—cont.

Ootacamund taluk—cont.

- 1538 Marugal * (8).
- 1539 Manihatti (5).
- 1540 Melur (6).
- 1541 Mailikoral (7).
- 1542 Mavukallu (7).
- 1543 Marigallu (9).
- 1544 Melcowhatty (12).
- 1545 Machikandi (14).
- 1546 Mainilai (14).
- 1547 Manjaombai (14).
- 1548 Manihatti (14).
- 1549 Manthanal (14).
- 1550 Muku (14).
- 1551 Muthugula (14).
- 1552 Mukimalai (15).
- 1553 Melhatti (15).
- 1554 Manikal (16).
- 1555 Manujur (16).
- 1556 Mattukandi (16).
- 1557 Mullimalai (16).
- 1558 Muthurai (11).
- 1559 Noduhatti (15).
- 1560 Nandipatti (16).
- 1561 Nanthala (13).
- 1562 Nanjanad (12).
- 1563 Oormila * (8).
- 1564 Ootacamund† (10).
- 1565 Ootacamund (Rural) (11).
- 1566 Osahatti (18).
- 1567 Ornaali (14).
- 1568 Porthi (13).
- 1569 Sholur (3).
- 1570 Sundatti (15).
- 1571 Thatharben (5).
- 1572 Thunneri (5).
- 1573 Thummanadu (9).
- 1574 Thummanatti (9).
- 1575 Thengadu (14).
- 1576 Tauneri (16).
- 1577 Thatteneri (8).
- 1578 Thulthalai (13).
- 1579 Thorahatti * (8).
- 1580 Ulupatti * (8).
- 1581 Vemmankandi (13).
- 1582 Yedakad (15).

Besides the above 184 towns and villages were transferred to other States as detailed below :

(1) Kerala State 86

(2) Mysore State

METTUR ELECTRICITY SYSTEM.

CHINGLEPUT DISTRICT.

Kancheepuram taluk.

- 1 Govindavadi (9).
- 2 Pudukallu.
- 3 Pallalur.
- 4 Purasai (1).

Sriperumbudur taluk.

- 5 Pehivakkam (113).

COIMBATORE DISTRICT.

Bhavani taluk.

- 6 Ammapet (28).
- 7 (Brahmedam) Andipalayam (27).
- 8 Andiyur (15).
- 9 Appakudal (40).
- 10 Athani (10).
- 11 Attavanipudur * (18).
- 12 Bhavani† (45).
- 13 Bhavani (44).
- 14 Chennampatti (4).
- 15 Chennayannur (8).

COIMBATORE DISTRICT—cont.

Bhavani taluk—cont.

- 16 Devasthanam Kattur (8).
- 17 Hippalli (9).
- 18 Jambal (43).
- 19 Kalbavi (38).
- 20 Kesariyangalam (39).
- 21 Kittampatti (4).
- 22 Konalmookam * (18).
- 23 Konareddiyur * (10).
- 24 Kondayampalayam (12).
- 25 Kupplchipalayam (39).
- 26 Kurumbapalayam (30).
- 27 Mahasipudur * (17).
- 28 Mandipalayam (37).
- 29 Maniockampalayam (30).
- 30 Michelpalayam (18).
- 31 Murli (4).
- 32 Narinipettai (21).
- 33 Olagadam (29).
- 34 Orcheri (42).
- 35 Paruvachi (36).
- 36 Patilur (16).
- 37 Peria Vadamalaipalayam (43).
- 38 Perumalpalayam (13).

* Electrified during the year.

NOTE.—Number within brackets indicates Code number of the village as per Census Book, 1951.

† Town

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

METTUR ELECTRICITY SYSTEM—cont.

COIMBATORE DISTRICT—cont.

Bhavani taluk—cont.

- 39 Poonachi* (19).
- 40 Pudukalayam (14).
- 41 Punam (41).
- 42 Sarathol (4).
- 43 Saturday Market (4).
- 44 Singampettai (25).
- 45 Thalappalayam (43).
- 46 Thappukattur (19).
- 47 Thippichettipalayam (43).
- 48 Thottipalayam (45).
- 49 Urachikottai (47).
- 50 Varamangalam* (51).
- 51 Varadanallur (49).
- 52 Vellakarattur (4).
- 53 Vellithruppur (8).
- 54 Viralikattur* (8).

Erode taluk.

- 55 Brahmana Peria Agraharam (14).
- 56 Chittodu (7).
- 57 Edayankattuvalasu (16).
- 58 Goundangalpalayam (197).
- 59 Kallangarayanpalayam (62).
- 60 Kalvettupalayam * (190).
- 61 Kodumudi (P) (192).
- 62 Kolathupalayam (179).
- 63 Komalanparappa (6).
- 64 Vattamedu (137).
- 65 Peria Semur (15).
- 66 Surampalayam (6).
- 67 Unjalur-kolathupalayam (181).
- 68 Valrampalayam (26).
- 69 Veerappanchatram (17).

Gobichettipalayam taluk.

- 70 Rakkampalayam (98).
- 71 Ramalingapuram (103).
- 72 Savandapur. (97).

NORTH ARCOT DISTRICT.

Arkonam taluk.

- 73 Agavalam* (101).
- 74 Alapakkam (110).
- 75 Ammavarthangal (28).
- 76 Ananthapuram (96).
- 77 Arivilavadi (76).
- 78 Arkonam† (28).
- 79 Arkonam (27).
- 80 Asanalkuppam (108).
- 81 Athipatti (137).
- 82 Attupakkam (93).
- 83 Ayarpadi (123).
- 84 Gururajapet (20).
- 85 Jagr Thangalam* (130).
- 86 Kalnoor (26).
- 87 Kandiagal * (180).
- 88 Kariakadal * (91).
- 89 Kariyod * (184).
- 90 Kavanur (28).
- 91 Kaveripakkam† (117).
- 92 Kaveripakkam (116).
- 93 Kaverippuram* (91).
- 94 Kilukuppam* (23).
- 95 Kilupakkam* (24).
- 96 Kilvenkatapuram* (91).
- 97 Kilvidhi* (84).
- 98 Mamandur* (139).
- 99 Manmadurai * (78).
- 100 Mangattucheri (77).
- 101 Malapalam (124).
- 102 Mother * (124).
- 103 Mudur* (6).
- 104 Murugai (39).
- 105 Naugalangalam* (121).
- 106 Narasingapuram * (28).
- 107 Nedumbuli* (112).
- 108 Nellorepet * (125).
- 109 Nelver* (104).
- 110 Nemil (90).

NORTH ARCOT DISTRICT—cont.

Arkonam taluk—cont.

- 111 Ocheri (138).
- 112 Pallavaram * (113).
- 113 Pallur (105).
- 114 Panapakkam† (125).
- 115 Parameswaramangalam (94).
- 116 Pazhayakessavaram (53).
- 117 Pinnavaram (97).
- 118 Pudur (79).
- 119 Pullamangalam (29).
- 120 Punnal (90).
- 121 Rajapalayam (24).
- 122 Ramapuram (124).
- 123 Reddivalam* (113).
- 124 Sayanavaram (92).
- 125 Sendamangalam (97).
- 126 Sevittupalayam (58).
- 127 Sirukarumboor (182).
- 128 Sirunamalle* (78).
- 129 Subbanaidugandigal (96).
- 130 Takkolam (96).
- 131 Ten Mambakkam* (125).
- 132 Thirumadulambakkam (78).
- 133 Thirumalpur (115).
- 134 Vegamangalam* (138).
- 135 Veeranarayanaapuram (6).
- 136 Vettangulam (102).

Arni taluk.

- 137 Adyapuram* (88).
- 138 Ananthapuram* (78).
- 139 Aniyalai * (129).
- 140 Arni† (100).
- 141 Kallithangal (117).
- 142 Kalpoondi (50).
- 143 Kanigilipi (43).
- 144 Katteri (44).
- 145 Kayapakkam* (85).
- 146 Kondavettithangal (108).
- 147 Manandur (49).
- 148 Mainandal (48).
- 149 Mattathari (42).
- 150 Meyyur* (87).
- 151 Motur (117).
- 152 Mullipet (76).
- 153 Kuppam (71).
- 154 Nesal (121).
- 155 Nethapakkam (99).
- 156 Palanganur (97).
- 157 Pallithangal* (79).
- 158 Pennaiyur (52).
- 159 Pulayambadi (182).
- 160 Random (142).
- 161 Random Korathur (51).
- 162 Samanthavady (118).
- 163 Satyavijayanagar (48).
- 164 Tirumalaivanam (100).
- 165 Velapadi (118).

Chengam taluk.

- 166 Agaram* (S.C.) (90).
- 167 Alaputhur (39).
- 168 Andanoor* (72).
- 169 Anwarabad (42).
- 170 Chengam (60).
- 171 Chengam (59).
- 172 Chennasamudram * (58).
- 173 Cuddalore (120).
- 174 Guruvappanankonpalayam (20).
- 175 Kakrasampalayam (29).
- 176 Kambattu* (132).
- 177 Karapattu * (23).
- 178 Kayambattur (57).
- 179 Kilravandavadi * (117).
- 180 Kilurupakkam (109).
- 181 Kottaiyur* (143).
- 182 Kuppasatham (19).
- 183 Melchengam* (70).
- 184 Melikuppam* (28).
- 185 Melpallipattu (85).
- 186 Melurupakkam (108).
- 187 Munnamangalam (44).

* Electrified during the year.

† Town.

NOTE.—Number within brackets indicates Code number of the village as per Census Book, 1951.

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

METTUR ELECTRICITY SYSTEM—cont.

NORTH ARCOT DISTRICT—cont.

Chengam taluk—cont.

- 188 Paramanandal (30).
- 189 Pudupalayam (29).
- 190 Pudupattu (40).
- 191 Pudur Chengam* (43).
- 192 Quilim (41).
- 193 Radhapuram* (116).
- 194 Serapattu (131).
- 195 Teethandapattu* (57).
- 196 Thandarambattu* (117).
- 197 Teukarimbalur* (143).
- 198 Thukkappettai (61).
- 199 Thukkavadi (62).
- 200 Thuriyapuram* (70).
- 201 Vakkilapattu (130).
- 202 Velayampattu (56).
- 203 Vannapuram* (144).
- 204 Veeranandal (28).

Cheyya taluk.

- 205 Arugavoor (113).
- 206 Bokkasamudram* (14).
- 207 Brahmadanam* (5).
- 208 Gorakkai (151).
- 209 Irungal* (169).
- 210 Kalanipakkam (167).
- 211 Karamedu (61).
- 212 Kilimatti (155).
- 213 Maligalpattn* (177).
- 214 Melbuder* (34).
- 215 Melseshamangalam (101).
- 216 Moranam* (3).
- 217 Netteri* (14).
- 218 Navalpakkam (176).
- 219 Nelvoy* (154).
- 220 Palnginar* (114).
- 221 Panamugai* (2).
- 222 Parayambadi* (179).
- 223 Poonthandalam (4).
- 224 Pullarumbakkam (130).
- 225 Pudur* (5).
- 226 Sengadu* (181).
- 227 Settuvanthangal (10).
- 228 Thavasi* (155).
- 229 Tiruvettipuram † (135).
- 230 Vadamanapakam* (36).
- 231 Vekkadal (166).

Gudiatham taluk.

- 232 Agraharam* (47).
- 233 Alagapuri* (59).
- 234 Athur (121).
- 235 Ammanakuppam (56).
- 236 Anakkattupudur* (59).
- 237 Anaganalur (192).
- 238 Arjunapuram* (93).
- 239 Arithempattu (146).
- 240 Balur (116).
- 241 Bhimapuram (121).
- 242 Charakal* (114).
- 243 Cheruvanki (87).
- 244 Chettikuppam (86).
- 245 Chinnalingundram* (49).
- 246 Chinnasettikuppam* (36).
- 247 Chinnathottalam (142).
- 248 Chinnamalcheruvu (81).
- 249 Devarisbikkuppam* (19).
- 250 Elathipur (128).
- 251 Erikutti* (48).
- 252 Gammankuppam* (19).
- 253 Goddam* (19).
- 254 Gopampatti* (130).
- 255 Govindapuram (84).
- 256 Gudapalli* (12).
- 257 Gudiatham † (52).
- 258 Hyderabad* (98).
- 259 Jithapalli* (12).
- 260 Jangarapalli (12).
- 261 Kadakkuppam (17).
- 262 Kallur (51).
- 263 Kanchiamanpet (60).
- 264 Kankur* (118).

NORTH ARCOT DISTRICT—cont.

Gudiatham taluk—cont.

- 265 Karunkasamudram* (60).
- 266 Katteri (17).
- 267 Kavanoor* (94).
- 268 Kilalathur (57).
- 269 Kilpatti (128).
- 270 Kilpudur* (59).
- 271 Kihur (131).
- 272 Kondasamudram (54).
- 273 Kooavanpudur (93).
- 274 Kothakuppam (133).
- 275 Kothamangalam (101).
- 276 Kothamarkuppam* (117).
- 277 Kothapalli (80).
- 278 Kottaramedu* (12).
- 279 Kothur (80).
- 280 Krishnampalli (127).
- 281 Kulidikki (143).
- 282 Kupparapalli (126).
- 283 Lingurudram* (40).
- 284 Machampet (126).
- 285 Masikam (78).
- 286 Melalathur (121).
- 287 Melpatti (141).
- 288 Melmuthukkur (38).
- 289 Melsamballi* (12).
- 290 Melur (96).
- 291 Mittapalli (78).
- 292 Mulkundram* (16).
- 293 Narlamet (135).
- 294 Natham (121).
- 295 Omerabad (146).
- 296 Omkuppam (41).
- 297 Olvaithur (104).
- 298 Ottakudisai* (136).
- 299 Pachiganur* (15).
- 300 Panchikuttai* (136).
- 301 Pakkam (17).
- 302 Pallalakuppam* (118).
- 303 Pasumathur (93).
- 304 Pavalthorai* (94).
- 305 Periakurumbur (157).
- 306 Pernambut † (41).
- 307 Pernambet (45).
- 308 Rajakuppam* (84).
- 309 Rajalagudi (56).
- 310 Rangasamudram* (12).
- 311 Rasampalli (143).
- 312 Reddimankuppam* (136).
- 313 Sathugudi (42).
- 314 Sathumbakkam (148).
- 315 Sathugur (42).
- 316 Sedukaral (96).
- 317 Sempalli* (12).
- 318 Senrayampalli (55).
- 319 Sendathur (127).
- 320 Sennakuppam* (59).
- 321 Sethuvandal (56).
- 322 Sevoor (51).
- 323 Singalpadi (131).
- 324 Siralur* (15).
- 325 Thalayatham (89).
- 326 Thirumani (104).
- 327 Ulli (130).
- 328 Vadavirinchipuram (97).
- 329 Velvankundram* (100).
- 330 Varadapalayam (130).
- 331 Vasunampalli (126).
- 332 Venkatasapuram* (17).
- 333 Veppanagani* (62).
- 334 Vilundakal (108).

Polur taluk.

- 335 Chetpet*† (85).
- 336 Elathur* (134).
- 337 Erikuppam* (38).
- 338 Enduvambadi (42).
- 339 Kalambur † (82).
- 340 Kalasapakkam (186).
- 341 Kappalur (123).
- 342 Kilkuppam* (130).
- 343 Kunnathur (68).

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

METTUR ELECTRICITY SYSTEM—cont.

NORTH ARCOT DISTRICT—cont.

Polur taluk—cont.

- 344 Kurivimalai (100).
- 345 Mukkurumbi* (43).
- 346 Muthupalayam (137).
- 347 Nainavaram (137).
- 348 Narlampettai* (82).
- 349 Palambkakam* (43).
- 350 Palampet* (85).
- 351 Palankoil (133).
- 352 Perlampet* (122).
- 353 Pillur (135).
- 354 Polur † (70).
- 355 Ponnathangal* (135).
- 356 Poondi* (122).
- 357 Rendiripet (71).
- 358 Thenpallipattu (187).

Tirupattur taluk.

- 359 Adhiyur (185).
- 360 Agaram* (104).
- 361 Agraharam (59).
- 362 Anandapatti (155).
- 363 Chinnakammiampatti* (51).
- 364 Chinnakarigampatti (112).
- 365 Chinnaponneri* (52).
- 366 Christukulashramam (89).
- 367 Elagiri (85).
- 368 Gollanankuppam (103).
- 369 Gummildigampatti (104).
- 370 Jolarpet (66).
- 371 Kadirampatti* (152).
- 372 Kakasampalayam* (169).
- 373 Kandali (108).
- 374 Karagapatti (97).
- 375 Kasinankuppam (94).
- 376 Kodayanandi* (28).
- 377 Kodiyur (56).
- 378 Korati (184).
- 379 Kurichilapattu* (170).
- 380 Madapatti* (154).
- 381 Madavalam* (154).
- 382 Manguppam (97).
- 383 Narianeri (97).
- 384 Old Jolarpet* (66).
- 385 Pachai (74).
- 386 Pachampatti (135).
- 387 Pallavalli* (170).
- 388 Pappannur* (171).
- 389 Parandapalli (98).
- 390 Perumampattu* (171).
- 391 Ponneri* (52).
- 392 Pudur* (166).
- 393 Reddiyur* (51).
- 394 Sadatanur* (51).
- 395 Selandampalli* (165).
- 396 Thokkiyam (98).
- 397 Thekkupattu (25).
- 398 Tirupattur † (91).
- 399 Vadugamuthampatti* (170).
- 400 Vakkanampatti* (66).
- 401 Vengayapalli (157).

Tiruvannamalai taluk.

- 402 Adaiyur (87).
- 403 Anaikaral (114).
- 404 Annapirandan (97).
- 405 Arasudhiyampattu (104).
- 406 Athiyandal (98).
- 407 Devanandal (90).
- 408 Durgalambiyandal (81).
- 409 Edapalayam (115).
- 410 Kalpoondi* (54).
- 411 Karungalkuppam* (55).
- 412 Kattukulam* (50).
- 413 Kilnathur (Endal) (207).
- 414 Kilpennathur (55).
- 415 Mallavadi (35).
- 416 Mekkalore (50).
- 417 Meethittipattu (100).
- 418 Nallavanpalayam (99).
- 419 Savalpoondi (113).
- 420 Sorandal (85).

NORTH ARCOT DISTRICT—cont.

Tiruvannamalai taluk—cont.

- 421 Thalambady (60).
- 422 Thenmathur (109).
- 423 Tiruvannamalai † (89).
- 424 Thrinjapuram (37).
- 425 Usambadi (36).
- 426 Valpur (145).
- 427 Vengikkal (88).
- 428 Vettavalam (Zamin) (141).

Vellore taluk.

- 429 Agraharam* (57).
- 430 Agaram* (71).
- 431 Arijadi* (74).
- 432 Arimalai* (98).
- 433 Bodipettai* (76).
- 434 Ellappanpatti* (76).
- 435 Erayankadu* (6).
- 436 Gollakortai* (98).
- 437 Gollamangalam (42).
- 438 Gururajapalayam* (76).
- 439 Kammalanakuttai (46).
- 440 Kandaner* (4).
- 441 Karungali* (57).
- 442 Kilikrishnapuram (44).
- 443 Kilimurungal (59).
- 444 Kuppambattu* (102).
- 445 Lachikkannapalayam* (76).
- 446 Madanur (87).
- 447 Marathipalayam* (71).
- 448 Mohmedapuram* (58).
- 449 Nedumpalayam* (99).
- 450 Namandapuram* (118).
- 451 Odudugathur* (116).
- 452 Orapalayam* (75).
- 453 Othiyalar (46).
- 454 Otteripalayam* (118).
- 455 Pallikonda † (1).
- 456 Pallapadi* (75).
- 457 Pallikuppam* (48).
- 458 Ramanayankuppam* (100).
- 459 Sanankuppam* (95).
- 460 Shembakkam (20).
- 461 Somapuram* (73).
- 462 Srirampuram* (1).
- 463 Subbanakennapalayam* (71).
- 464 Thippasamudram (45).
- 465 Tholapalli* (71).
- 466 Thottalam (38).
- 467 Vadakethipatti* (40).
- 468 Vengli (89).
- 469 Venkannapalayam* (179).
- 470 Veppankuppam* (101).
- 471 Viracholampam (11).
- 472 Zamin Kulidigai* (88).

Wallajah taluk

- 473 Agaram (123).
- 474 Allalcheri (165).
- 475 Annathangal (109).
- 476 Arumbakkam (109).
- 477 Athithangal (132).
- 478 Chakkaramallur (72).
- 479 Chinnakund* (117).
- 480 Essayanur (70).
- 481 Govindacheri (41).
- 482 Kaddapperi (67).
- 483 Kalangalacheri (72).
- 484 Kalvasi (161).
- 485 Kalvaiputhur (124).
- 486 Kannanoor* (129).
- 487 Kannakuppam (46).
- 488 Karakkannathangal (121).
- 489 Karivedu* (115).
- 490 Kilampadi (73).
- 491 Kilanthangal* (121).
- 492 Kilpadi* (135).
- 493 Kilambadi* (120).
- 494 Kodakkalpudur (33).
- 495 Kuppidisatham* (154).
- 496 Kurumudithangal (111).
- 497 Lokapuram (45).

* Electrified during the year. † Town.
NOTE.—Number within brackets indicates Code number of the village as per Census Book, 1951.

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

METTUR ELECTRICITY SYSTEM—cont.

NORTH ARCOT DISTRICT—cont.

Walajah taluk—cont.

- 498 Mallikapuram (70).
499 Mambakkam (174).
500 Machleri (107).
501 Melapalanthal (177).
502 Melupadakkam (175).
503 Melvenkitapuram (92).
504 Mullavadi (111).
505 Muthuvambady * (111).
506 Nagaleri * (160).
507 Nallur * (151).
508 Namburai * (108).
509 Ozhala (131).
510 Ozhugur (50).
511 Pagavalli (55).
512 Palyankottai * (162).
513 Palayanur * (134).
514 Pannirathangal * (101).
515 Pazhayannur (132).
516 Pannagar (152).
517 Papperi * (118).
518 Perlamangalam (153).
519 Perunganji (33).
520 Pindithangal (125).
521 Pinnathangal (126).
522 Poondi (66).
523 Pudur (129).
524 Punnapadi * (138).
525 Sathembakkam (85).
526 Sembadu * (130).
527 Sengadu * (53).
528 Sholinghur † (35).
529 Siruvidagam * (162).
530 Soraiyur (178).
531 Sumathangal (54).
532 Talangai (45).
533 Thirumalaicheri (64).
534 Thiruparkadal (68).
535 Timiri (107).
536 Vadakadappanthangal (39).
537 Valapandal (176).
538 Valavanur (89).
539 Valluvanbakkam (52).
540 Vanghur (44).
541 Vellambi (126).
542 Velur (116).

Wandiwash taluk.

- 543 Alliyandal (33).
544 Ammayapattu (74).
545 Ariyappadi (16).
546 Birdur * (77).
547 Marutadu * (90).
548 Padiri * (78).
549 Pernamallur (10).
550 Wandiwash † (75).

SALEM DISTRICT.

Attur taluk.

- 551 Abinavam. (20).
552 Appamasamudram * (59).
553 Attur † (61).
554 Chendragiri * (40).
555 Chinnesamudram (23).
556 Dalavalpatti (54).
557 Erramasamudram (23).
558 Ichampatti * (80).
559 Kallerpatti * (17).
560 Kallichettiyur * (23).
561 Karatharajapalayam * (69).
562 Mallikarai * (Inam) (69).
563 Mathur * (19).
564 Mullavadi (82).
565 Narasingapuram (58).
566 Peddannaickenpalayam (28).
567 Periamangalam * (19).
568 Seelampatti * (81).
569 Sundarapuram (55).
570 Thandavarayapuram * (72).
571 Thennagudipalayam * (80).

SALEM DISTRICT—cont.

Attur taluk—cont.

- 572 Thulukkanoor (63).
573 Umalyuram (81).
574 Vaitthiagoundapudur * (19).
575 Valayamadevi * (73).
576 Thapur Panchayat (20).

Dharmapuri taluk.

- 577 Dharmapuri † (107).
578 Karimangalam (27).
579 Nadehalli (89).
580 Palayam (144).
581 Perlanahalli * (47).

Harur taluk.

- 582 Harur † (301).
583 Lingapuram * (301).
584 Mathanoor (301).
585 Papireddipatti * (377).
586 Singanaset (113).
587 Venkatasamudram * (305).
588 Uthangarai (79).

Hosur taluk.

- 589 Bagalur (9).
590 Denkanikottai * † (100).
591 Hosurpuram * (108).
592 Hosur † (50).
593 Jeemangalam (9).
594 Jetty (34).
595 Kelamangalam * (128).
596 Maran-anapalli * (71).
597 Mathigiri (65).
598 Motham Agraharam (46).
599 Noganur * (175).
600 Ullamangalam * (159).

Krishnagiri taluk.

- 601 Agaram * (145).
602 Arasampatti (162).
603 Avathavadi * (142).
604 Bargur (82).
605 Bogampalli (72).
606 Karagur (141).
607 Kaveripattanam (95).
608 Krishnagiri † (78).
609 Madalpatti (81).
610 Mottur * (142).
611 Sappanipatti (118).
612 Sobanur * (140).
613 Sundakkapatti * (142).
614 Therapalli * (97).
615 Thimmapuram * (97).

Namakkal taluk.

- 616 Agraharam Iyempalayam (99).
617 Agraham Nattamangalam * (15).
618 Ammapalayam * (2).
619 Anaiyapuram (198).
620 Anangur (167).
621 Belukurichi (80).
622 Erumalpatti (200).
623 Govindampalayam (17).
624 Jedarpalayam (147).
625 Kallichettipatti (200).
626 Kalkurichi (11).
627 Kalyani * (2).
628 Kanavelpatti (158).
629 Kannurpatti * (19).
630 Kanurpatti Agraharam (20).
631 Karakurichi * (21).
632 Kondhichettipatti (111).
633 Kongalathur (158).
634 Kottampalayam (158).
635 Kullappannaickenpatti (10).
636 Laddivadi (158).
637 Marurpatti (69).
638 Mohanur (214).
639 Nallagoundempudur (120).
640 Nallipalayam (100).

† Town.

* Electrified during the year.
NOTE.—Number within brackets indicates Code number of the village as per Census Book, 1951.

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

METTUR ELECTRICITY SYSTEM—cont.

SALEM DISTRICT—cont.

Namakkal taluk—cont.

- 641 Namakkal † (112).
642 Nathamedu * (9).
643 Navani * (16).
644 Nanjai Edayar (185).
645 Olapalayam * (188).
646 Palpatti * Komarapalayam (207).
647 Pandamangalam (175).
648 Paramathi (153).
649 Pillikkalpalayam (170).
650 Poddireddipatti * (Mitta) (161).
651 Pottireddipatti * (Agraharam) (102).
652 Pudukhatram * (16).
653 Pudukpatti (159).
654 Ramayepatti * (7).
655 Sendamangalam † (49).
656 Sendamangalam (50).
657 Sengapalli * (208).
658 Singalamkombai (141).
659 Sircar Valavandi * (186).
660 Thatthinnagaripatti * (18).
661 Thirumalapatti * (22).
662 Tholur (192).
663 Unjapalayam (183).
664 Vedakkaral Attur (West) (147).
665 Vellalapatti (80).
666 Velur (182).
667 Vengarai (175).

Omair taluk.

- 668 Athikattanur (111).
669 Bomminalickenpatti (123).
670 Echangadu (125).
671 Ettikuttalipatti (115).
672 Ganapathipalayam (128).
673 Iyampudur (13).
674 Jalakandapuram † (61).
675 Keerappambadi (120).
676 Kolathur (15).
677 Kottagoundampatti (125).
678 Krishnampudur (111).
679 Kullagoundanur (118).
680 Kumandiyur (5).
681 Kurukkipatti (110).
682 Maramangalamampatti (128).
683 Mettur Dam † (17).
684 Nangavalli (50).
685 Nattamangalam (19).
686 Omair † (98).
687 Pachanampatti (87).
688 Pavalthanur (111).
689 Periyavanasi (48).
690 Silakampatti * (96).
691 Taramangalam † (94).
692 Taramangalam (95).
693 Tharkad (13).
694 Tholur (128).
695 Thoppur (171).
696 Vanavasi (48).
697 Veerakkal (49).
698 Vellalapatti (117).

Rasipuram taluk.

- 699 Anaiyalayam (61).
700 Ananthagoundampalayam (8).
701 Alampalayam (3).
702 Arasapalayam (68).
703 Athanur (24).
704 Chandaampatti (44).
705 Channasakkarapuram (68).
706 Chinna Kaveri (44).
707 Goundampalayam (64).
708 Guduvankurichi Jadarpalayam (78).
709 Kakaveri (53).
710 Koneripatti (61).
711 Malayampalayam * (8).
712 Malayampatti (27).
713 Marikallipatti (41).
714 Mettur (9).
715 Minakkal Agraharam (4).
716 Namagiripet (44).

* Electrified during the year.

NOTE.—Number within brackets indicates Code number of the village as per Census Book, 1951.

SALEM DISTRICT—cont.

Rasipuram taluk—cont.

- 717 Odubankurichi (44).
718 Pachudayampalayam (74).
719 Pallavanalachenpatti * (9).
720 Pattanam (43).
721 Ponparappipatti (3).
722 Pudupatti (30).
723 Rasipuram † (50).
724 Seerapalli (44).
725 Singalandapuram (66).
726 Thengalpalayam (25).
727 Thoppapatti (70).
728 Thoppapatti Jadarpalayam (72).
729 Vadugam (29).
730 Vaduvampalayam (4).
731 Valkalpattari (4).
732 Valasu (7).
733 Vellakkalpatti (44).
734 Vennandur * (23).

Salem taluk.

- 735 Adikarapatti (129).
736 Ayodiyapattanam (102).
737 Byroji (132).
738 Chennagiri (179).
739 Chinnaagoundapuram (150).
740 Chinna Seeragapadi (142).
741 Dalavalpatti (92).
742 Elampillai (134).
743 Irusampatti (179).
744 Jari Kondalampatti (124).
745 Kadathur Agraharam (168).
746 Karisaperumalgaradu (121).
747 Karipatti (108).
748 Kattuvalasur (172).
749 Kattuvelupillapatti (109).
750 Kondalampatti (151).
751 Kottamedu (197).
752 Mallur (197).
753 Masinalickenpatti (101).
754 Mettupatti (105).
755 Mettupatti Colony (105).
756 Minnapalli (78).
757 Nainampatti (171).
758 Neikarapatti (150).
759 Odappatti (128).
760 Panangadu * (197).
761 Papparpatti * (177).
762 Peria Seeragapadi (141).
763 Pethampatti (172).
764 Perumampalayam * (106).
765 Puthur Agraharam (128).
766 Rajapalayam (170).
767 Seelampalayam (166).
768 Seshanchavadi (54).
769 Thirumalagiri (90).
770 Vadakadu (197).
771 Valapady Agraharam.
772 Valapady (Sircar) (112).
773 Pudupalayam (112).
774 Veeranam Jari (68).
775 Veeranam Jari (68).
776 Veerapandi (143).
777 Vembadithalam (184).
778 Vengampatti (197).

Tiruchengode taluk.

- 779 Ammayapatti, (52).
780 Ballakuli (48).
781 Bomminalickenpatti (52).
782 Chinnaagolipatti (82).
783 Chinna Thandavanur (46).
784 Chittor (8).
785 Echangadu (48).
786 Kalipatti (52).
787 Karathur (46).
788 Karathuvallavoor (48).
789 Kondanipalayam (52).
790 Komarapalayam (58).
791 Komarapalayam Agraharam (87).
792 MacDonald's Choultry (35).

† Towns.

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

METTUR ELECTRICITY SYSTEM—cont.

SALERN DISTRICT—cont.

Tiruchengode taluk—cont.

- 793 Mallasamudram † (52).
794 Mangalam (51).
795 Mettupalayam (131).
796 Naduvor (52).
797 Nathakadu (46).
798 Pallakadu (52).
799 Panuparapatti (52).
800 Peringollapatti* (52).
801 Poolampatti (3).
802 Samuthayakadu (46).
803 Sappayapuram (64).
804 Settimankurichi (9).
805 Shenbagamdevi (49).
806 Uppupalayam (52).
807 Vaikuntam (46).
808 Venkatesapuri (32).
809 Shervaroy † (4).

Yerenu taluk.

SOUTH ARCOT DISTRICT.

Cuddalore taluk.

- 810 Elandampattu (100).
811 Kadampuliyur (140).
812 Manthavinathapurudur (104).
813 Molarungunam (164).
814 Natham (165).
815 Rayapalayam (103).
816 Somakkottai (62).
817 Semmedu (159).
818 Tiruvamur (161).
819 Vadalur (123).
820 Veeraperumanallur (Shoro) (100).
821 Visur (146).

Gingee taluk.

- 822 Adhikarapuravadi (42).
823 Avalur (42).
824 Gingee (120).
825 Kapalbadi (13).
826 Krishnapuram (120).
827 Melmalayanur (46).
828 Sakkrapuram (120).
829 Sirukadambur (120).

Kallakuruchi taluk.

- 830 Chinnasalem (207).
831 Emapper (142).
832 Kallakurichi (142).
833 Tyagi (153).

Tirukkoyilur taluk.

- 834 Ananthur (240).
835 Dayanue (63).
836 Edayar (140).
837 Grianam (137).
838 Kadaganur (69).
839 Kalamarudur (257).
840 Kandai (48).
841 Karapattu (234).
842 Kilthanisampatti (286).
843 Malayampatti (190).
844 Kumaramangalam (288).
845 Manakuppam (150).
846 Meyyur (115).
847 Mudianur (70).
848 Panapakam (189).
849 Perangiyur (204).
850 Poyyasarur (289).
851 Pudukpalayam (185). †

SOUTH ARCOT DISTRICT—cont.

Tirukkoyilur taluk—cont.

- 852 Pulikkal (42).
853 Semanangur (306).
854 Semangalam (237).
855 Sinnasevalai (167).
856 Sirumadu ai (141).
857 Tirukkoyilur (M.P.) (74).
858 Thruvennalalur (173).
859 Ulundurpet (M.P.) (82).
860 Vadakarathayanur (50).
861 Veerapandi (24).
862 Vellampudur (55).

Villupuram taluk.

- 863 Kandamanadi (191).
864 Kaveripakkam (200).
865 Pidagan (100).

Vridhachalam taluk

- 866 Alachigudi (157).
867 Karnatham (21).
868 Korakkai (250).
869 Mangalam (22).
870 Nelveli (100).
871 Poonthattam (137).
872 Sathamangalam (103).
873 Uthangalamangalam (87).
874 Viridhachalam † (136).

TIRUCHIRAPPALLI DISTRICT.

Karur taluk.

- 875 Achimangalam (Ayan) (65).
876 Achampuram (33).
877 Dalavapalayam (10).
878 I. amkarur (30).
879 Kadambankurichi (13).
880 Kadapperi (30).
881 Karuppampalayam (46).
882 Koppampalayam (10).
883 Kuppachipalayam (16).
884 Lakshminarayanasamudram (48).
885 Lakshimpatti (68).
886 Madayanur (6).
887 Nanaparappu (9).
888 Melapalayam (63).
889 Minnampalli and Panchamadevi (31).
890 Moolakatanur (61).
891 Nanjai Pugalur (8).
892 Nanjai Thottakurichi (10).
893 Merur (North) (17).
894 Merur (South) (18).
895 Noyyal (48).
896 Pudur (13).
897 Pullyur (84).
898 Punjai Pugalur (9).
899 Punjai Thottakurichi (P) (11).
900 Ranganathapuram (2).
901 Semangal (5).
902 Sendayur (13).
903 Thanthonipatti (63).
904 Thirumalanathampatti (63).
905 Thorakkalpatti (68).
906 Uppidamangalam (68).
907 Vangal (15).
908 Vallipalayam (16).
909 Varapalayam (18).
910 Velayudhampalayam (11).
911 Vennamalai (86).
912 Vettamangalam (5).

Kullitalai taluk.

- 913 Balaraapuram (1).
914 Manavai (17).
915 Veerarakkiam (1).

* Electrified during the year.

NOTE.—Number within brackets indicates Code number of the village as per Census Book, 1951.

† Towns.

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by the Licensees and taken over by Government during 1955-56 and 1956-57.

METTUR ELECTRICITY SYSTEM—cont.

NORTH ARCOT DISTRICT.

Gudiyatham taluk.

- 916 Thuthiput (151).
917 Kandarampalli (151).
918 Melkandarampalli (151).
919 Labbaimankuppam.
920 Ramachandrapuram.
921 Banghi Shop.
922 Venkatasamudram (150).
923 Chinnavenkatasamudram (150).
924 Govindapuram (150).
925 Kammakrishnapalli.
926 Chinnavarigam (146).
927 Perisavarigam (147).
928 Mittalam (145).
929 Mekanampalli (140).
930 Devalapuram.

Tirupattur taluk.

- 931 Vanlyambadi (8).
932 Vanlyambadi (N.C.U.) (10). †
933 Alinjikolam (2).
934 Marapattu or Chengillikuppam (34).
935 Kalendrachetiyappanur (34).
936 Desthanam Mitta (34).
937 Nadikuppam (4).

Vellore taluk.

- 938 Ambur (N.C.U.) (35). †
939 Solur (96).
940 Alankuppam (103).
941 Tharveli.
942 Gangapuram.
943 Govindapuram.

TIRUCHIRAPPALLI DISTRICT.

Tirumayam taluk.

- 944 Tirumayam (Rural) (88).
945 Tirumayam (N.C.U.) (Panchayat) (84). †

TIRUCHIRAPPALLI DISTRICT—cont.

Tirumayam taluk—cont.

- 946 Ramachandrapuram (108).
947 Namanasamudram (66).
948 Haridayapuram (88).
949 Rayavaram (93).
950 Arimalam (Rural) (94).
951 Arimalam (N.C.U.) (Panchayat) (95). †
952 Kammangudiipatti (107).
953 Konapet (Panchayat) (124).
954 Pallivasal (124).
955 P. Alagapuri (117).
956 Meyyapuram (121).
957 Pudur (49).
958 Kottur (49).
959 Panayappatti (P) (40).
960 Nachanduppatti (50).
961 Lakshimpuram (84).
962 Virachilai (82).
963 Virachilai (Panchayat) (63).
964 Rangleem (99).
965 Rangleem (Minor Panchayat) (100).
966 Ponnamaravathi West (72).
967 Ponnamaravathi (N.C.U.) (73). †
968 Ponnamaravathi East (74).
969 Kurivikondampatti (101).
970 Mekkinipatti (36).
971 Sundaram (35).
972 Kulpirai (69).
973 Kulpirai (Panchayat) (60).
974 Vandampatti (98).
975 Sembudi (66).
976 Nallambalamudram (131).
977 Vegupatti.
978 Koppampatti.
979 Yenavayal.

Pudukottai taluk.

- 980 Pudukottai (N.C.U.). †

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57.

PAPANASAM ELECTRICITY SYSTEM.

MADURAI DISTRICT.

Madurai taluk.

- 1 Ansthipatti (177).
2 Avanlyapuram (199).
3 Harveyipatti (208).
4 Palanganatham (185).
5 Panayoor (201).
6 Pasumalai (185).
7 Tirupparankundram (207). †
8 Tirupparankundram (R) (208).
9 Veeramadayam (185).
10 Alagapuri (185).
11 Koothlarkundu (218).
12 Samayanallur (101).
13 Vadapalanji (153).
14 Ayyanapuram (201).
15 Vilachen (155).
16 Villapuram (199).
17 Thenur (92).
18 Veeradhanur (280).
19 Viraganur (196).
20 Madakulam (185).
21 Achampattu (182).
22 Virathipatti (151).
23 Paravai (102).
24 Chintamani (200).
25 Anuppanadi (188).
26 Thodaneri (62).
27 Vandiyoor (204).
28 Hanumaripatti (204).
29 Perumalipatti (204).
30 Uthangudi (110).
31 Rajagambhiram (111).
32 Ottakadai (111).

MADURAI DISTRICT—cont.

Madurai taluk—cont.

- 33 Thenpalanji (153).
34 Narasingam (83).
35 Tirumugoor (125).
36 Pudukthamaripatti (112).
37 Shourashtrapuram (204).
38 Nagamali-Pudukottai (155).
39 Andarikottaram (205).
40 Kothavanandal (183).
41 Sakudi (198).
42 Kallimangalam (206).
43 Annur (146).
44 Arumbanur (60).
45 Arumbanur-Pudar (60).
46 Kodikulam (112).
47 Thottankulam (125).
48 Shenkulam (125).
49 Kamikulam (125).
50 Mangulam (6).

Nallakottai taluk.

- 51 Sholevandan (80). †
52 Thenkai (59).
53 Thiruvendagam (68).
54 Mannadimangalam (56).
55 Ayyappanackanpatti (38).
56 Kurivithurai (51).
57 Alanganallur (104).
58 Irumbadi (55).
59 Karupatti (58).
60 Lakshimpuram (54).
61 Meenakshipuram (11).

* Electrified during 1956-57.

NOTE.—Number within brackets indicates the Code number of the village as per Census Book of 1951.

† Towns.

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

PAPANASAM ELECTRICITY SYSTEM—cont.

MADURAI DISTRICT—cont.

Nilakottai taluk—cont.

- 62 Palamedu (80).
63 Nachikulam (54).
64 Kadupatti (58).
65 Muruganthurampatti (25).
66 Kullalakundu (48).
67 Melakkal (62).
68 Pallapatti (28).
69 Kavundampatti (28).
70 Ramachittayampatti (28).
71 Sendalapuram (28).
72 Thanichiyam (117).
73 Ayyankottai (117).
74 Sembukudipatti (117).
75 Bodinaikanpatti (66).
76 Thathampatti (67).
77 Neerathan (68).
78 Vadipatti (64).
79 Kachalkattai (69).
80 Ramayampatti (69).
81 Arunachalapuram (28).
82 Kandappakottai (48).
83 Kuttaladampatti (69).
84 Semimpatti (69).
85 Kumaram (110).
86 Maniyachi (111).
87 Errampatti (88).
88 Keelachinnampatti (90).
89 Poochampatti (51).
90 Pandirajapuram (64).
91 Kalladipatti (48).
92 Thattankulam (89).
93 Kattapara (38).
94 Ramarajapuram (40).
95 Krishnapuram (38).
96 Neenakshipuram (40).

Melur taluk.

- 97 Melur (78).†
98 Melur (R) (74).
99 Thiruvadavoor (99).
100 Therkkupatti (81).
101 Veppaduppu (105).
102 Navinipatti (65).
103 Poonchuthi (106).
104 Kollipatti (30).
105 Chellappanankannampatti (32).
106 Velampatti (14).
107 Natham (29).†
108 Natham R. (30).
109 Kottakudi (98).
110 Nalukulam (100).
111 Arasappanpatti (102).
112 Keelaiyur (66).
113 Kidaripatti (60).
114 Valayapatti (59).
115 Alagarkoil (59).

Tirumangalam taluk.

- 116 Dharmathupatti (91).
117 Kalugudi (281).
118 Kappalur (92).
119 Kinnimangalam (46).
120 Maravankulam (114).
121 Malappatti (287).
122 Muthupatti (182).
123 Palakkapudupatti (93).
124 Tirumangalam (180).†
125 Vadagarai (129).
126 Sengulam (108).
127 Uchapatti (90).
128 Pudupatti (186).
129 Vadakkampatti (186).
130 Sengapada (178).
131 Rayapalayam (144).
132 Kattarampatti (246).
133 Sundararajapuram (187).
134 Aohampatti (187).
135 Alampatti (188).
136 Kunnathur (194).
137 Peraiyur (202).†
138 Kallupatti (220).
139 Avalurgampatti (218).

MADURAI DISTRICT—cont.

Tirumangalam taluk—cont.

- 140 Laapuram (281).
141 Villur (229).
142 Melakottai (163).
143 Maduvakottai (164).
144 Thirali (187).
145 Giziakoundampatti (160).
146 Sivarakottai (200).
147 Usilampatti (83).†
148 Usilampatti R. (34).
149 Venkatasamudram (121).
150 Urappanur (99).
151 Kavundampatti (172).
152 Chennampatti (258).
153 Dodappanalkannur (15).
154 Krishnapuram (17).
155 Papanalkannampatti (115).
156 Chinnapokkannampatti (97).
157 Solalipatti (221).
158 Pelkulam (274).
159 Pottachettipatti (158).
160 Thottipatti (158).
161 Ramanathapuram (80).
162 Vadugapatti (34).
163 Kallupatti (220).
164 Chinnapoolampatti (184).
165 Nakkalpatti (24).
166 Thummakundu (72).
167 Madharai (24).
168 Sikkampatti (14).
169 Naglappuram (168).
170 Sathankudi (106).
171 Silamalipatti (210).
172 Pappuredipatti (212).
173 Polkalapatti (213).
174 Palaiyur (182).
175 Saptur (108).
176 Vadakarnipatti (168).
177 Chathirapatti (188).
178 Keeripatti (12).
179 Vadagathupatti (12).
180 Annamparipatti (34).
181 Valanthur (85).
182 Nallamanickampatti (278).
183 Chittor (269).
184 Thummanalkannampatti (211).
185 Ariyapatti (89).
186 Melapatti (287).
187 Thidiyan (49).
188 Ochappatti (49).
189 Vandari (169).
190 Ayyampatti (169).
191 Uthapuram (68).
192 Subbalapuram (188).
193 Vanniavelampatti (183).
194 Chinnareddipatti (188).
195 Bhumalai (86).
196 Perlampatti (86).
197 Alagapuri (188).
198 Nangagoundampatti (68).
199 Nallathathunalkannampatti (68).
200 Thachampatti (68).
201 Sindupatti (65).
202 Porrumettupatti (40).
203 Perumalpatti (78).
204 Pudur (188).
205 Perumalpatti (86).
206 Kottalipatti (77).
207 Ammapatti (76).
208 Muthulingapuram (190).

RAMANATHAPURAM DISTRICT.

Sattur taluk.

- 209 Chinnamoopanpatti (15).
210 Kattalipatti (185).
211 Kokkilaerai.
212 Kurakundu (42).
213 Pavali (17).
214 Pullankulam (48).
215 Sattur (142).†
216 Thiruthangal (73).

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

PAPANASAM ELECTRICITY SYSTEM—cont.

RAMANATHAPURAM DISTRICT—cont.

Sattur taluk—cont.

- 217 Valliyoor (22).
218 Kumaralingapuram (104).
219 Sengamalanachiarapuram (74).
220 Avadiyapuram (94).
221 Veerapatti (80).
222 Meenampatti.
223 Vadamalapuram (70).
224 Othayal (168).
225 Mettupatti (163).
226 Kattalampatti (135).
227 Chandrasulapuram.
228 Collegenagar.
229 Pudururangudi (162).
230 Duraisampuram (97).
231 Lakshimpuram (144).
232 Sengamalaiipatti.
233 Naramammalapuram (62).
234 Ramalingapuram (138).
235 Rukmanli.
236 Kumara Ettayapuram.
237 Ammapatti (133).
238 Viewanatham (103).
239 Kattalipatti (189).
240 Vagathur (3).
241 Sivakasi (88).†
242 Virudhunagar (20).†
243 Mela Kottaiyur (129).
244 Peria Perali (12).
245 Anakuttam (51).
246 Pudupatti (109).
247 Poovanathapuram (67).
248 Anuppankulam (107).
249 Paralpatti (107).
250 Sundararajapuram (107).
251 Mettugundu (49).
252 Pottalipatti (91).
253 Kottachinnampatti (59).
254 Vadapatti (58).
255 Alamarathupatti (90).
256 Narayanapuram (89).
257 Poochakapatti (139).
258 Salwaripatti (139).
259 N. Pudur (139).
260 Lakshimpuram (139).
261 Amathur (37).
262 Sengi Reddipatti (87).
263 G. N. Patti (86).
264 Venkatesapuram (37).
265 Atagapuri (41).
266 Krishnapuri (50).
267 Keelathiruthangal (69).
268 Venkatachalapuram (125).
269 Todampatti (Periya).
270 Chinna Todampatti (184).
271 Sirukulam (134).
272 Meesalur (40).
273 Valavandapuram (40).
274 Muthulingapuram (62).
275 Athipatti (62).
276 Govindanallur (62).
277 Sankaralingapuram (54).
278 Muthulapuram (149).
279 Kollipatti (58).
280 Kattannarpatti (62).
281 Anaiyur (92).
282 Maraneri (101).
283 Vilampatti (102).
284 Sippiparai (200).
285 Ondipullinalokannur (54).
286 Naduvapatti (54).
287 Mullapuram (54).
288 Mundalapuram (54).
289 Melamathur (88).
290 Servaikannampatti (38).
291 Injar (65).
292 Keela Injar (65).
293 Kaduvapatti (65).
294 Palacheri (65).
295 Vellur (84).
296 Nattappanpatti (34).
297 Chidambapuram (34).

RAMANATHAPURAM DISTRICT—cont.

Aruppukottai taluk.

- 298 Aruppukottai (188).†
299 Palayampatti (117).†
300 Tiruchul (122).
301 Kullurchandal (116).
302 Thottiyankulam.
303 Palavanatham (102).
304 Pallimadam (95).
305 Kanchanankannampatti (138).
306 Malalipatti (147).
307 Athipatti (40).
308 Kattankanchanankannampatti (40).
309 Kuthiparai (147).
310 Ramanujapuram (104).
311 Koallankulam (108).
312 Pallyuran (118).
313 Keelakandanmangalam (121).
314 Chitlakundu (121).
315 Melakandanmangalam (121).
316 Mallankinar (85).†
317 Kallipatti (85).
318 Thimmapatti (85).
319 Reddipatti (85).
320 Alangianallur (69).
321 Keelaglanallur (69).
322 Kalkuricil (86).
323 Johlipatti (87).
324 Pisindi (35).
325 Monthoppu (54).
326 Achanku am (53).
327 Valayampatti (54).
328 Illupaiyur (155).
329 Velan Urani (155).
330 Kalurani (151).
331 Melathulukkankulam (112).
332 Nandikundu (70).
333 Muthuramalingapuram (152).
334 Nathampatti.
335 Romm kottai (150).
336 Konganankurichi.
337 Sundakottai.

Tirupattur taluk.

- 338 Mahipalanpatti (89).
339 Eranlyur (41).
340 Kandavarayanpatti (67).
341 A. Thekkur (40).
342 Poolankurichi (16).
343 Sevr (17).
344 Neikuppall (22).
345 Tirupattur (89).†
346 Kandamanickam (137).
347 Pattamangalam (128).
348 Chockanathapuram.
349 Adappanandal.
350 Senivayal (128).
351 Thirukalagudi (15).
352 Thirukottiyur (145).
353 Sallanpatti (146).
354 Vairavanpatti (144).
355 Thanipatti (112).
356 Karungulam (142).
357 Singampuneri (37).†
358 Singampuneri (87-A).
359 Singampuneri Devathanam (48).
360 Singampuneri Anjukoll (49).
361 Sathurvedhamangalam (44).
362 Kalappur (45).
363 Alagudi (134).
364 Sevarakottai (158).
365 Sembanoor (164).
366 Kallai (185).
367 Aramalai Siruvayal (171).
368 Piramalai (19).
369 Pappapatti (19).
370 Oduvarpatti (20).
371 Kirungakottai (21).
372 Vayyapuripatt (25).
373 Sellarpatti (25).

* Electrified during the year. † Towns.
NOTE.—Number within brackets indicates Code number of the village as per Census Book, 1951.

* Electrified during the year.

† Towns.

NOTE.—Number within brackets indicates Code number of the village as per Census Book, 1951.

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

PAPANASAM ELECTRICITY SYSTEM—cont.

RAMANATHAPURAM DISTRICT—cont.
Sivaganga taluk.

- 374 Okkur (111).
375 Kilapungudi (103).
376 Paganeri (51).
377 Alavakottai (28).
378 Keelanangalam (120).
379 Madakupatti (31).
380 Solapuram (157).
381 Piravalur (110).
382 Kadaneri (4).
383 Thatchampatti (38).
384 Keelali (221).
385 Manalur (223).
386 Thiruppavanam (405).
387 Palayur.
388 Manamadurai (915).
389 Devapuram (91).
390 T. Pudukkottai (973).
391 Mutakurichi.
392 Thirumanjoli.
393 Athikarai (224).
394 Kondagai North (267).
395 Ilanthakulam (267).
396 Kondagai South (270).
397 Kattamshottai (249).

Srivilliputtur taluk.

- 398 Ramachandrapuram (6).
399 Ramalingapuram (13).
400 Nachiaripatti (27).
401 Pappanaikeppatti (33).
402 Appanaikeppatti (33).
403 Managaseri (47).
404 Mullikulam (39).
405 Nothikulam (30).
406 Pattakulam (27).
407 Pudur (45).
408 Nagapalayam (34).
409 Villuppanur (31).
410 Reddiapatti (46).
411 Achanikulam (37).
412 Sannundikaraskulam (26).
413 Nakkamangalam (33).
414 Sallipatti (27).
415 Nariyankulam (1).
416 Muthuvenkatarayapuram (38).
417 Panalipatti (31).
418 Kandarayankulam (17).
419 Kupparipatti (17).
420 Thatchakudy.
421 Thiruvankadapuram.
422 Kadanjupatti (26).
423 Gopalapuram (33).
424 Akkarapatti (35).
425 Sivagaripatti (36).
426 Chokkalampatti.
427 Meenakshipuram.
428 Kilrajakularaman (67).
429 Venkatachalapuram.
430 Swaminathapuram (44).
431 Thombakkulam (44).
432 Rajapalayam (48).
433 Srivilliputtur (33).†
434 Narikulam.
435 Sannudapuram.
436 Sengamalapuram.
437 Venkateswarapuram (24).
438 Pudukamothan.
439 Watrap (8).
440 Pudukpatti (18).
441 Chattrapatti (65).
442 Thallakulam (43).
443 Sundarapandiam (14).
444 Sundararajapuram (61).
445 Solasery (62).
446 Mettupatti (68).
447 Seltur (69).
448 Arankollakondan (70).
449 Zamin Kollakondan (71).
450 Muthuswampuram (78).
451 Koyilur (76).
452 Chettipatti (77).
453 Regunathapuram (50).
454 Achanthavithan (52).

RAMANATHAPURAM DISTRICT—cont.

Srivilliputtur taluk—cont.

- 455 Ayakulam (5).
456 Padikasuvathan (52).
457 Inam Nachiarcoil (43).
458 North Devadanam (78).
459 South Devadanam (74).
460 Meenakshipuram (14).
461 Sheshapuram (13).
462 Moovaralpuram (52).
463 Athikulam Sengulam (44).
464 Kunnur (22).
465 K. Pachai.
466 Pudur (22).
467 North Srivilliputtur (36).
468 Therkkuvanganallur (64).
469 Achankulam (37).
470 Aralaripatti (53).
471 Veppakulam (58).
472 Pillaiyarkulam (54).
473 Cholapuram (50).
474 Moovaralvandan (19).
475 Kattathampatti (19).
476 Silayanayakkanpatti (19).
477 Kalingalpatti (19).
478 Ayyanapuram (19).
479 Keelaiyur (19).
480 Nathampatti (23).
481 Neemapatti (2).
482 Kodikulam (2).
483 Kurukkalkulam (29).
484 Chettikulam (41).
485 Melapattamkaralkulam (42).
486 Valaikulam (32).
487 Lakshminipuram (23).
488 Sholankulam (35).

Paramakudi taluk.

- 489 Kurichi (2).
490 Kachathanallur (9).
491 Ilayangudi (27).†
492 Pudur (31).
493 Nainarkoil (88).
494 Keelakottai (116).
495 Chattrakudi (125).
496 Nannan (142).
497 Ariyanendal (148).
498 Urappuli (144).
499 Keelakudi (146).
500 Ayakudi (162).
501 Maneswararam (149).†
502 Patamagudi (150).†
503 Theilchathanallur (166).
504 Athikarai.
505 Munaiyery (7).
506 Vallam (145).
507 Thinaikulam (153).
508 Pallisandal (222).

Mudukulathur taluk.

- 509 Nallukurichi (27).
510 Pudukpatti.
511 Natham (111).
512 Abiramam (112).†
513 Sadayanendal (157).
514 Kamuthi.†
515 Narayanandal (39).
516 Peraiyur (325).
517 Mudukulathur (350).
518 Kilamudukulathur (349).
519 Vagalkulam (349).
520 Tidal (349).

Ramanathapuram taluk.

- 521 Rameswararam (200).†
522 Rameswararam (201).
523 Ramanathapuram (79).†
524 Sakkarakottai (106).
525 Uchippuli (160).
526 Tirupullani (186).
527 Marakkayarpatnam (106).
528 Mandapam (197).

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

PAPANASAM ELECTRICITY SYSTEM—cont.

RAMANATHAPURAM DISTRICT—cont.

Ramanathapuram taluk—cont.

- 529 Mandapam Camp (197).
530 Kilakarai (230).†
531 Thattanthope.
532 Valantharavai (121).
533 Pamban (108).
534 Thangachimadam (199).
535 Alagankulam (84).

TIRUNELVELI DISTRICT.

Koilpatti taluk.

- 536 Ettayapuram (72).†
537 Kovilpatti (41).†
538 Pudukudi (243).
539 Kallampatti (92).
540 Nallathuputhur (94).
541 Kadambur (176).†
542 Chinnamaniaschi (65).
543 Villiseri (144).
544 Mudukkumendampatti (93).
545 Idalsai (121).
546 Parambukottai (176).
547 Venkatachalapuram (19).
548 Sannadi Pudukudy (244).
549 Chittrachattam (6).
550 Alampatti (66).
551 Thonugal (83).
552 Padanthipatti (101).
553 Sennivallapuram (144).
554 Avalanatham (39).
555 Velayudhapuram (216).
556 Keela Irail (130).
557 Mela Irail (129).
558 Arunachalapuram (19).
559 Alagappapuram (105).
560 Balakrishnapuram (105).
561 Alangulam (58).
562 Uthupatti (122).
563 Ilupayurani (42).
564 Veilukandapuram (207).
565 Kumarareddiapuram (207).
566 Natchiaripatti (207).
567 Kumarapuram (254).
568 Shalapuram (164).
569 Kalugumalai (60).†
570 Lingampatti (44).
571 Kulasekarapuram.*
572 Melapandavaramangalam (87).*

Tenkasi taluk.

- 573 Courtallam (72).
574 Erappanai (16).
575 Ilanjil (45).
576 Kilapulliyur (47).
577 Mathalampatti (83).
578 Tenkasi (46).†
579 Vallam (Zamin) (44).
580 Melagaram (57).
581 Idalkai (Zamin) (18).
582 Urmelalagan (27).
583 Nainaragaram (26).
584 Kadayanallur (7).†
585 Pattukkadaivalai.
586 Krishnapuram (7).
587 Muthukrishnapuram (7).
588 Kumudapuram (8).
589 Arumugampatti (18).
590 Chinnapanayankulam (18).
591 Melapavoor (54).
592 Keelapavoor (77).
593 Sundarapandipuram (49).
594 Pavoorchattam (85).
595 Doraiswamyapuram (18).
596 Thattankulam (49).
597 Pattakurichi (48).
598 Vellakkal (59).
599 Rajapuram (82).
600 Veerakeralampudur (60).
601 Surandal (40).†

TIRUNELVELI DISTRICT—cont.

Tenkasi taluk—cont.

- 602 Chockampatti (1).
603 Thirukudapuram (29).
604 Kasidharamam (10).
605 Kodikuruchi (28).
606 Sivarampettai (28).
607 Thiruviyannagar (90).
608 Panpuli (26).
609 Vadagarai (16).
610 Vavanagaram (16).
611 Thirunallakudi (25).
612 Thirupurasundarapuram (19).
613 Kulasekaranpatti (58).
614 Melaveeranam (64).
615 Agaram (37).
616 Kidarankulam (83).
617 Arunachalapuram (82).
618 Nettur (69).
619 Kasiluvathan (66).
620 Alangulam (94).
621 Natham (85).
622 Rajagopalaperi (63).
623 Polgai (19).
624 Kollandapur (19).
625 Kollampuli (19).
626 Sivalarkulam (95).
627 Aladipatti (95).
628 Kasipapuram (95).
629 Nallur (95).
630 Samathanapuram (95).
631 Sivaganipuram (79).
632 Aurunagiriapuram (18).
633 Pullukathavalasai (76).
634 Iyappanadanpatti (85).
635 Chettiyur (85).
636 Panalvadipatti (85).
637 Pananchandiyur (90).
638 Velinaiyuludanpatti (41).
639 Nadithirukudayanur (41).
640 Konavillai (85).
641 Kottaiyur (77).
642 Gurukalmedam (32).
643 Sathathope (32).
644 Nellur (95).
645 Chidambaram (82).
646 Mangalapuram (8).
647 Pudukudi (8).
648 Achanpatti (8).
649 Kambaneri (8).
650 Karadikulam (8).
651 Athisayapuram (8).
652 Kuthukalvalasai (39).
653 Vedathampthur (39).
654 Kanakkapillalvalasai (33).
655 Ayyapuram (39).
656 Alagappapuram (39).*

Ambasamudram taluk.

- 657 Kadayam (9).†
658 Kilakadayam (2).
659 Madavaram (9).
660 Mudaliarpatti (9).
661 Perambathur (1).
662 Pottalupudur (18).
663 Puthurkudi (38).
664 Ariyanayagipuram (38).
665 Kalidakkurichi (72).†
666 Karakurichi (76).
667 Mukkudal (36).
668 Mundathurai (100).
669 Papanasam (55).
670 Pattamadai (82).†
671 Pirancheri (80).
672 Chermadevi (77).†
673 Chermadevi (78).
674 Vannankulam (85).
675 Veeravannalur (51).
676 Vellodal (10).
677 Vikramasingapuram (55).
678 Alwarthiruchi (25).
679 Ambur (40).
680 Kulambur (41).

† Towns.

* Electrified during the year.
NOTE.—Number within brackets indicates Code number of the village as per Census Book, 1951.

* Electrified during the year.
NOTE.—Number within brackets indicates Code number of the village as per Census Book, 1951.

APPENDIX H-1—cont.

List of villages and townships supplied with electricity and taken over from Travancore-Cochin State due to States Reorganization.

KANYAKUMARI DISTRICT.

Agasteeswaram taluk.

- 960 Cape Comorin (Non-municipal Town) (1-1-1-1).†
 961 Suchindram (Non-municipal Town) (1-1-7-2).†
 962 Thiroor (1-1-14-4).
 963 Thiruppathisaram (1-2-1-3).
 964 Agasteeswaram (1-1-2-22).
 965 Kottaram.
 966 Karaimelkappuram.
 967 Kovalam Salt Pans.
 968 Nagercoil (Municipal Town) (1-1).†
 969 Ramapuram (1-1-14-19).
 970 Tham rakulam (1-1-3-28).
 971 Keezhaperuvilla.
 972 Echamozhi (1-1-10-20).
 973 Konam.
 974 Karappukottai.
 975 Melsoorankudi (1-1-12-37).
 976 Putheri (1-1-10-9).
 977 Marungoor (1-1-5-1).
 978 Leepuram (1-1-1-8).
 979 Maravankudy ruppu (1-1-11-30).
 980 Rajakkamangalam (1-1-11-13).
 981 Rajakkathurai (1-1-10-34).
 982 Soorankudi North (1-1-10-34).
 983 Soorankudi South (1-1-10-36).
 984 Karumpathoor.
 985 Kula ekharapuram (1-1-4-7).
 986 Rajakkamangalam Salt Pans (1-1-12-28).
 987 Kottaya I (1-1-1-1).
 988 Lexmipuram (1-1-1-9).
 989 Mylandy.
 990 Vsaravilla (1-1-9-10).
 991 Parvathipuram (1-1-10-1).
 992 Swamithope.
 993 Thamarakulam kudiyruppu (1-1-3-13).
 994 Thamarakulam Salt Pans.
 995 Parakkal (1-1-8-2).
 996 Pulluvilla (1-1-9-37).
 997 Marungoor (1-1-5-1).
 998 Azhagappapuram (1-1-1-30).
 999 Kumarapuram (Thoppur) (1-1-5-10).
 1000 R. manadichamputhoor (1-1-5-6).
 1001 Eluvilla (1-1-11-6).
 1002 Thiruv. chinallur (1-1-8-2).
 1003 Thengamputhoor (1-1-9-23).
 1004 Orappavilla.
 1005 Eraviputhoor.
 1006 Rajavoor.
 1007 Munavilla.
 1008 Thoppur.
 1009 Athayadichetty.
 1010 Erachakulamcherry.
 1011 Vombanoor (1-1-12-12).
 1012 Charavilla.
 1013 Peruvianavilla (1-1-12-8).
 1014 Thittamangalam (1-1-12-0).
 1015 Pulluvilla (1-1-16-7).
 1016 Chelavayalputhoo.
 1017 Viruvuvilla (1-1-12-4).
 1018 Mannarathuvilla.
 1019 Parappuvilla (1-1-12-3).
 1020 Thazhayanankom (1-1-12-7).
 1021 K. Jasekharamputhoor (1-1-14-24).
 1022 Namapuram (1-1-14-19).
 1023 Andakkulam.
 1024 Theruvilla (1-1-3-9).
 1025 Nelloor (1-1-5-15).
 1026 Kalluvilla (1-1-1-7).
 1027 Chanthavilla (1-1-2-34).
 1028 Vijayanagar (1-1-1-12).
 1029 E. chenvilla (1-1-2-32).
 1030 Punnavadi (1-1-3-7).
 1031 Oettikudiyiruppu (1-1-2-31).
 1032 Pooviyoor (P. vikudiyiruppu) (1-1-3-0).
 1033 Therakalputhoo (1-1-15-5).
 1034 Kurandy (1-1-1-8).
 1035 Paramathalingapuram.
 1036 Ja. nes. town (1-1-1-27).
 1037 Pitchakudiyiruppu (1-1-1-28).
 1038 Lakshminipuram (1-1-1-25).
 1039 Bhagavathipuram East (1-1-1-24).
 1040 Mettuvilla.
 1041 Sankaralingapuram (1-1-1-26).
 1042 Sudapattivilai (1-1-10-32).

* Electrified during 1956-57.

NOTE.—Number within brackets indicates the Revenue unit and the code number of the village as per Census Book of 1951.

† Town.

APPENDIX H-1—cont.

List of villages and townships supplied with electricity and taken over from Travancore-Cochin State due to States Reorganization—cont.

KANYAKUMARI DISTRICT—cont.

Kalkulam taluk—cont.

- 1123 Karangad (1-3-3-43).
 1124 Kanakkuzhivila.
 1125 Kattina code (1-3-3-41).
 1126 Perabapuram.
 1127 Moolachanvila.
 1128 Kottimul.
 1129 Vanakudy.
 1130 Palliyadi (1-3-8-2).
 1131 Kottal (1-3-7-1).
 1132 P. thukada.
 1133 Muchiri (1-4-6-2).
 1134 Thengapattanam (non-Municipal Town) (1-1-5-1).†

Thovala taluk.

- 1135 Aramboly (non-Municipal Town) (1-2-3-25).†
 1136 Bheemanga I (1-2-1-10).
 1137 Bhootapandy (non-Municipal Town) (1-2-7-9).†
 1138 Thovala (1-2-3-14).
 1139 Thazhakudy (non-Municipal Town) (1-2-8-17).
 1140 Eracikulam (1-2-3-5).
 1141 Turusady (1-2-3-13).
 1142 South Pecumalpuram (1-2-3-19).
 1143 Thazhakudy Sambavar Colony (1-2-8-16).
 1144 Veeranarayavamangalam (1-2-8-19).
 1145 Missionkudiyiruppu (1-2-3-29).
 1146 Azhakkassery (1-2-3-21).
 1147 Azhakkassery (Poikacherry) (1-2-3-22).

KANYAKUMARI DISTRICT—cont.

Thovala taluk—cont.

- 1148 Thanumalayanbuthoor (1-2-3-23).
 1149 Subramaniapuram (1-2-1-20).
 1150 Kadukkarai (1-2-4-7).
 1151 Azhakkapandiapuram (non-Municipal Town) (1-2-5-8).†
 1152 Devisanampe (1-2-6-10).
 1153 Vellamadam.
 1154 Nainarthope (1-2-4-4).
 1155 Thattanvila.
 1156 Moakulamcherry.
 1157 Kurathiyara (1-2-5-3).

Vilavancode Taluk.

- 1158 Kuzhithurai (Municipal Town) (I-IV).†
 1159 Kaliakkavilai (1-4-10-2).
 1160 Padanthamoodu.
 1161 Unnavillakkada (1-4-13-3).
 1162 Payanam (1-4-13-2).

TIRUNELVELI DISTRICT.

Shencottah taluk.

- 1163 Elathur (2-4-7).
 1164 Kalangad (2-4-8).
 1165 Ayikudi (2-4-9).
 1166 Sambavarvadagarai (2-4-10).

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57.

MADRAS ELECTRICITY SYSTEM.

- 1 Madras City including Saidapet, Little Mount and Guindy.
 2 Madras City area comprising the Sembium Panchayat Board.

MADRAS CORPORATION.

- 3 Kodambakkam (Division No. 35).
 4 Ikkattuthangal (121).
 5 Naduvakkalai (78).
 6 Periakudal (75).
 7 Sembium (Division No. 20).
 8 Vyasarpaadi (Division No. 7).

CHINGLEPUT DISTRICT.

Chingleput taluk.

- 9 Acharapakkam (104).
 10 Agaram (154).
 11 Alagapudram (154).
 12 Alipakkam (115).
 13 Amalakkam.
 14 Amayam ahi (158).
 15 Arundundrum (189).
 16 Athur (84).
 17 Athurkuppam (84).
 18 Chingleput (110).†
 19 Echangadu (68).
 20 Elia-anakodumanthangal (85).
 21 Guduvancheri (10).
 22 Gundur (285).
 23 Hanumanthapuram (254).
 24 Ilalur (108).
 25 Kallavakkam (112).
 26 Kallinakkam (152).
 27 Kannayupattu (110).
 28 Kattankolathur (41).
 29 Kayarambedu (43).
 30 Keerapakkam (155).
 31 Kelambakkam (57).
 32 Kilavedu (148).
 33 Kolathancheri (62).
 34 Konga nancheri (62).
 35 Kothamangalam (185).
 36 Kulpanthandalam (192).
 37 Mahaballipuram (165).
 38 Manamai (226).
 39 Manama (15).
 40 Manapakkam (166).
 41 Mangalam (182).
 42 Manavedu (15).
 43 Mannivakkam (1).
 44 Melakkalai (43).
 45 Melanayur (114).
 46 Melapattu (183).
 47 Melkanakkanbattu (188).
 48 Melmanampalam (61).
 49 Muthanallankuppam (222).
 50 Nallur (224).
 51 Nandivaram (11).
 52 Natham (256).
 53 Nedunghundram (8).
 54 Nemeli (147).
 55 Ninnakalai (42).
 56 Oragadam (156).
 57 Orhalur (142).
 58 Palur (62).
 59 Pattikadu (195).
 60 Pulikundram (186).
 61 Pullur (193).
 62 Reddipalayam (62).
 63 Santhanampattu (155).
 64 Sathankuppam (56).
 65 Sengadu (107).
 66 Singaperumalkoil (73).
 67 Thalayam (3).
 68 Thalur (81).
 69 Thimmaravaram (84).

* Electrified during 1956-57.

NOTE.—Number within brackets indicates the Revenue unit and the code number of the village as per Census Book of 1951.

† Town.

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

MADRAS ELECTRICITY SYSTEM—cont.

CHINGLEPUT DISTRICT—cont.

Chingleput taluk—cont.

- 70 Thirukalkundram (180).†
71 Thirumani (143).
72 Thiruperur (109).
73 Vadapathi (84).
74 V. I. vanthangal (191).
75 Vanalur 2).
76 Vellancheri (34).
77 Venbakkam (138).
78 Villambakkam (84).

Kancheepuram taluk.

- 79 Agaramdull (308).
80 Alisoar (245).
81 Annappanallur (293).
82 Andithangal (248).
83 Arayanpembakkam (39).
84 Arakkam (195).
85 Aruppettai (157).
86 Baluchettichattam (160).
87 Chithan-kavur (238).
88 Damal (3).
89 E. anampet (157).
90 Erivoy (160).
91 Gundukulam (111).
92 Gurumancheri (200).
93 Injambakkam (31).
94 Kalamamboondi (269).
95 Kaliyanoor (92).
96 Kaliyapettai (213).
97 Kammalamundi (306).
98 Kammara alayam (9).
99 Kancheepuram (116).†
100 Kankalappal (179).
101 Karaani (290).
102 Karai (4).
103 Karanamangalam (300).
104 Karumbakkam (200).
105 Kattavakkam (129).
106 Kavinthandalam (214).
107 Kilambi (5).
108 Kilikadipur (77).
109 Kilothvakkam (164).
110 Kolathur (186).
111 Konerikuppam (85).
112 Kuram (28).
113 Magaral (211).
114 Manamathi (229).
115 Melambi (54).
116 Melottavakkam (72).
117 Mettukuram (73).
118 Muthukeri (247).
119 Muravavakkam (71).
120 Muthavedu (4).
121 Muthappet (155).
122 Muttavakkam (26).
123 Nathapettai (122).
124 Nazarethapettai (120).
125 Netteri (76).
126 Niadi (294).
127 Olakkolpattu (15).
128 Palavasceevaram (182).
129 Panjupet (116).
130 Perumbakkam (103).
131 Perunagar (265).
132 Pinavur (193).
133 Proovavakkam (125).
134 Pullambakkam (145).
135 Pulivur (295).
136 Putheri (114).
137 Sathananjeri (202).
138 Seduvell (82).
139 Soryamangalam (162).
140 Serkadu (166).
141 Serakkam (287).
142 Sevillmedu (147).
143 Sirukaveripakkam (78).
144 Siruneriperungal (38).
145 Sithanjeri (200).
146 Thalipakkam (25).
147 Thandara (285).
148 Thangal (161).

CHINGLEPUT DISTRICT—cont.

Kancheepuram taluk—cont.

- 149 Phenambakkam (159).
150 Thimmarajampet (15).
151 Thimmarajampet (56).
152 Thirupukudi (33).
153 Thiruvannamalai (212).
154 Thiruvannamalai (100).
155 Thiruvannamalai (40).
156 Thiruvannamalai (294).†
157 Vayavur (88).
158 Vellal (59).
159 Vellapalayam (294).
160 Vellapalayam (186).
161 Venudai (163).
162 Villivai (177).
163 Vippadu (110).
164 Vishnu (106).
165 Vishnuvakkam (147).
166 Virehur (212).
167 Wallajahbad (166).†

Madurantakam taluk.

- 168 Achappakkam (198).
169 Arundundrum (86).
170 Athur (2).
171 Budur (90).
172 Bukkalhural (13).
173 Cheyyur (312).
174 Chinnaikavayal (293).
175 Chinnaikavayal (836).
176 Cholaathangal (78).
177 Chunnampet (360).
178 Devanur (261).
179 Elanthohampettai (160).
180 Gendrachery (208).
181 Indur (208).
182 Isur (327).
183 Kachur (37).
184 Kadambalur (241).
185 Kadambur (44).
186 Kadapperi (23).
187 Karanall (61).
188 Kinnakandigalpur (93).
189 Kizheri (266).
190 Lakshminarayanaapuram (56).
191 Madurantakam (61).†
192 Mamandur (6).
193 Mamambakkam (78).
194 Manappakkam (350).
195 Maruderi (221).
196 Melvaram (61).
197 Melmaruvathur (159).
198 Meyyur (5).
199 Morappakkam (75).
200 Muthukancheri (93).
201 Nallur (336).
202 Neelamangalam (99).
203 Neerpai (254).
204 Nuzumbal (302).
205 Onambakkam (191).
206 Palamathur (14).
207 Pallapur (4).
208 Pallavikuppam (61).
209 Pallipettai (157).
210 Parakkal (349).
211 Pathur (296).
212 Perlaichery (84).
213 Perlaivanmani (211).
214 Perumbiar Kandigal (240).
215 Porur (304).
216 Pudupattu (82).
217 Pullurakkal (40).
218 Puthurankottai (341).
219 Puthur (298).
220 Sengalur (267).
221 Sirukalathur (381).
222 Sothupakkam (57).
223 Thandam (248).
224 Thandam (140).
225 Thandam (109).
226 Thevalam (44).
227 Thenneripattu (333).

APPENDIX H-1—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

MADRAS ELECTRICITY SYSTEM—cont.

CHINGLEPUT DISTRICT—cont.

Madurantakam taluk—cont.

- 228 Thottanaval (66).
229 Vadapathi (6).
230 Valppanai (44).
231 Vannayanallur (849).
232 Vasali (99).
233 Vedanthangal (48).
234 Vilangadu (191).
235 Vilanganur (209).
236 Vilvarayanallur (79).

Ponneri taluk.

- 237 Akkarambedu (329).
238 Aladu (272).
239 Annajivakkam (305).
240 Annur (315).
241 Annurkuppam (314).
242 Angadu (342).
243 Anuppambattu (330).
244 Arani (244).
245 Arumandai (370).
246 Athipattu (344).
247 Athur (347).
248 Bandikavanur (304).
249 Chinnaikavayal (245).
250 Chingilmedu (326).
251 Chinnaikavayal (264).
252 Devadam (829).
253 Ennore (345).
254 Ernavakkam (303).
255 Ilavamedu (324).
256 Kadambakkam (385).
257 Katur (24).
258 Kodur (368).
259 Kokkumedu (109).
260 Kottanpalayam (353).
261 Kottanpalayam (385).
262 Kottanpalayam (269).
263 Kottanpalayam (265).
264 Kottanpalayam (235).
265 Kottanpalayam (107).
266 Kottanpalayam (371).
267 Merattur (48).
268 Mettupalayam (62).
269 Minjur (340).
270 Mottur (54).
271 Murchambadu (381).
272 Naduvverambakkam (311).
273 Nallur (308).
274 Narasingamedu (318).
275 Natham (102).
276 Navar (349).
277 Nekkundrum (859).
278 Okkadu (361).
279 Panjetti (302).
280 Perlaikavayal (262).
281 Perungavoor (373).
282 Ponneri (304).
283 Ponnammanmedu (343).
284 Pudukuppam (139).
285 Pudukuppam (253).
286 Pullavakkam (346).
287 Pungamedu (30).
288 Ramareddipalayam (388).
289 Reddipalayam (38).
290 Sayanapuram (310).
291 Seemapuram (384).
292 Sholavaram (384).
293 Sruvum (384).
294 Sruvum (290).
295 Sivapuram (273).
296 Sothupurambadu (356).
297 Tadaperumbakkam (326).
298 Thiruvannamalai (264).
299 Thiruvengadapuram (270).
300 Vadakkupattu (317).
301 Valravankuppam (238).
302 Vallur (308).
303 Vannipakkam (382).
304 Vashuthambadu (382).
305 Vellakolam (11).

CHINGLEPUT DISTRICT—cont.

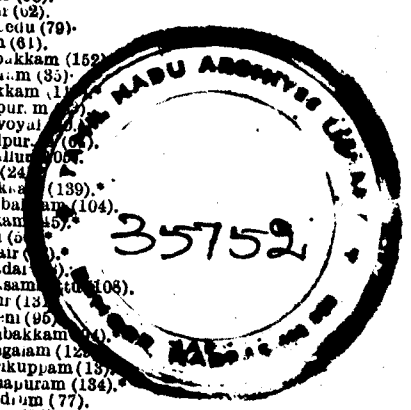
Ponneri taluk—cont.

- 306 Velur (291).
307 Vembakkam (271).
308 Venkatarajpalayam (385).
309 Vichoor (386).

Saidapet taluk.

- 310 Adayalambattu (74).
311 Agaram (151).
312 Aladadi (43).
313 Alandur (96).
314 Alathoor (49).
315 Aluvavakkam (17).
316 Ambathur (61).
317 Annappuram (102).
318 Arakambakkam (43).
319 Arayaloor (149).
320 Atancheri.
321 Athipattu (66).
322 Athipattam (5).
323 Ayampalayam (70).
324 Pallavaram Zamina (113).
325 Chettiaragaram (80).
326 Chittalapakkam (180).
327 Chrompet (134).
328 Colla chavadi (131).
329 Cowl Bazaar (103).
330 Edappalayam (27).
331 Gopuravakkam (137).
332 Hasanaapuram (180).
333 Irumbuliyur (131).
334 Jalladampet (138).
335 Jalladampet (134).
336 Kadapperi (101).
337 Kadavoor (46).
338 Karalapakkam (44).
339 Karambakkam (89).
340 Kavayalpalayam.
341 Keelakattalai (121).
342 Kodungalyur (41).
343 Kolpallagai (57).
344 Kolur (69).
345 Kolathur (52).
346 Kottattur (52).
347 Kottam (79).
348 Kuppam (61).
349 Madambakkam (152).
350 Madavaram (35).
351 Madipakkam (1).
352 Madurapuram.
353 Maduravoyal (106).
354 Managallur (106).
355 Manalilur (106).
356 Mathur (24).
357 Medavakkam (139).
358 Meenambakkam (104).
359 Meppakkam (15).
360 Meppadu (6).
361 Mogappair (10).
362 Moolakadai (10).
363 Moovar. sam. (104).
364 Mudichur (13).
365 Navamuni (95).
366 Nandambakkam (40).
367 Nannamangalam (12).
368 Naravarkuppam (13).
369 Narayanapuram (184).
370 Nekkundrum (77).
371 Nollambur (73).
372 Noombal (83).
373 Nuthancheri (148).
374 Oddapalayam (38).
375 Oragadam (56).
376 Padai (61).
377 Padinallur (61).
378 Palavayal (50).
379 Palavoyal (4).
380 Agaram (15).
381 Pallikarai (184).
382 Pallikuppam (91).
383 Panmai (114).
384 Perumalagaram (71).

C6. 211 Y N 54
N 58



* Villages electrified during the year 1956-57.

NOTE.—Number within brackets indicates the code number of the village as per Census Book of 1951.

† Town.

* Villages electrified during the year 1956-57.

NOTE.—Number within brackets indicates the Revenue unit and the code number of the village as per Census Book of 1951.

† Town.

APPENDIX H-I—cont.

List of villages and townships supplied with electrical energy by Government Electricity Department as at the end of 1956-57—cont.

MADRAS ELECTRICITY SYSTEM—cont.

CHINGLEPUT DISTRICT—cont.

Saidapet taluk—cont.

- 385 Perungalathur (141).
386 Polai (31).
387 Polichur (101).
388 Ponleawaram (43).
389 Porur (80).
390 Prithvipakkam (61).
391 Puttaram (38).
392 Rajakipakkam (136).
393 Ramapuram (91).
394 Redhills (28).
395 Rudrakotai.
396 Sadayacuppam (11).
397 Salligram (2).
398 Santhosapuram (133).
399 Salayur (133).
400 Sembakkam (135).
401 Soorapattu (29).
402 Sothupakkam (14).
403 St. Thomas Mount (95).†
404 Talakanantheri (107).
405 Tambaram (131).†
406 Tandaram (84).
407 Thirumangalam (75).
408 Thirumullaivoyal (55).
409 Thirunneermalai (120).
410 Thiruvonnam yur (110).
411 Thiruvottiyur (31).†
412 Tithakirambattu (3).
413 Thumbar (49).
414 Ullayaram (106).
415 Vadapakkam (73).
416 Vadaperumbakkam (19).
417 Valasaravakkam (90).
418 Vanagaram (81).
419 Varadarajapuram (141).
420 Veerapuram (48).
421 Velacheri (109).
422 Velampanchavadi (83).
423 Vengavasal (148).
424 Venkatapuram (55).
425 Veerakarpalalayam.
426 Villivakkam (63).†
427 Virugambakkam (86).

Siprumbudur taluk.

- 428 Agarammel (50).
429 Ariyamandanallur (41).
430 Avadi (9).
431 Ayyappanangal (55).
432 Banaveduthottam (37).
433 Chembambakkam (62).
434 Chinnappantheri (54).
435 Chithukadu (13).
436 Chockanallore (26).
437 Geurgambakkam (73).
438 Goparaganallur (44).
439 Gudapakkam (8).
440 Hampanapalayam (49).
441 Kanapalayam (14).
442 Karasangal (174).
443 Karunagaracheri (8).
444 Kattupakkam (210).
445 Kavalcheri (25).
446 Kavanapalayam (19).
447 Kilmanambedu (82).
448 Kolapakkam (81).
449 Kolathuvancheri (56).
450 Kollacheri (91).
451 Korattur (19).
452 Kothamambakkam (25).
453 Kottamedu (31).
454 Kovur (73).
455 Kunrathur (91).†
456 Kuppam (7).
457 Kutambakkam (32).
458 Madambakkam (199).
459 Madambakkam (177).
460 Madanthapuram (70).
461 Madavilagam (47).
462 Malayambakkam (63).
463 Mananjeri (91).

* Villages electrified during the year 1956-57.

NOTE.—Number within brackets indicates the Code number of the village as per Census Book of 1951.

† Town.

CHINGLEPUT DISTRICT—cont.

Siprumbudur taluk—cont.

- 464 Manapakkam (80).
465 Mangadu (70).
466 Manimangalam (142).
467 Mathur (23).
468 Melajathur (149).
469 Memmanambedu (24).
470 Mettupalayam (180).
471 Meppur (51).
472 Moorankattalai (91).
473 Mugavakkam (70).
474 Narsingapuram (30).
475 Nazarethpet (40).
476 Nedunjeri (33).
477 Nemam (2).
478 Nemilicheri (2).
479 Neelidu (22).
480 Padappal (188).
481 Palanhandalam (106).
482 Pannur.
483 Parangipathur (53).
484 Parivakkam (38).
485 Paruthipattu (1).
486 Periamanicheri (79).
487 Pidirithangal (38).
488 Poonamallee (17).
489 Priyamathur (33).
490 Puducheri (60).
491 Renakattalai (94).
492 Sengurkuppam (47).
493 Senthilpet (91).
494 Somasudam (149).
495 Soranjeri (10).
496 Siprumbudur (13).
497 Sundarasholavaram (1).
498 Sunkuvarehatram (171).
499 Tandaram (63).
500 Thandaram (4).
501 Thelliaragaram (57).
502 Thinnur (1).
503 Thirumangalam (18).
504 Thirumuthivakkam (108).
505 Thirumushi (33).
506 Thirunageswaram (91).
507 Tiruverkadu (2).
508 Udayarkudi (33).
509 Valuhalambedu (31).
510 Varadarajapuram (42).
511 Veeratazhapuram (27).
512 Vellavadu (29).
513 Veerakapuram (91).
514 Villinjambakkam (9).
515 Voyalanallur (20).
516 Achamankudigal (59).
517 Agaram (302).
518 Alappakkam (35).
519 Aluvivakkam (285).
520 Annampakkam (139).
521 Annadarai (88).
522 Aravoyal (318).
523 Arumbakkam (223).
524 Athigalur (309).
525 Attangikavaram (2).
526 Attupakkam (280).
527 Ayalcheri (254).
528 Ayalur (22).
529 Ayathur (298).
530 Bakkodiyambedu (20).
531 Boochi Athipattu (89).
532 Chinnakkadu (238).
533 Chittambakkam (220).
534 Damarapakkam (219).
535 Davooikkannur (19).
536 Eddapalayam (48).
537 Egathur (308).
538 Elavarankuppam (216).
539 Erayur (22).
540 Gurusoyal (231).
541 Hanumanthapuram (78).
542 Ikkadu (268).

Tiruvallur taluk.

- 543 Ikkadu Thangal (268).
544 Irulanjeri (30).
545 Iyellagaram (268).
546 Kadambathur (283).
547 Kadanallur (212).
548 Kallivandoor (260).
549 Kakalur (287).
550 Kalliyannur (296).
551 Kalyanakuram (269).
552 Kandigal (233).
553 Kanikulpalur (212).
554 Karakambakkam.
555 Karanai (60).
556 Karikavakkam (245).
557 Kavanalathur (320).
558 Kesavanallathur (283).
559 Kilambakkam (271).
560 Kilanur (243).
561 Koduvallur (229).
562 Kollupattam (315).
563 Kondanjeri (331).
564 Koovam (340).
565 Komakkambedu (250).
566 Kottakuppam (4).
567 Kumbacheri (388).
568 Kurambakkam (212).
569 Mazarai (229).
570 Mamballam (204).
571 Manjankaranal (39).
572 Melakaramanur (81).
573 Melapakkam.
574 Melkonday (248).
575 Melvilagam (277).
576 Meyyur (188).
577 Nagapuram (25).
578 Narasngapuram (329).
579 Narayanapuram (256).
580 Nelveli (184).
581 Nemmili garam (279).
582 Ondikuppam (23).
583 Othikadu (241).
584 Paga medu (203).
585 Pakkam (295).
586 Panambakkam (301).
587 Panpakkam (121).
588 Pandur (237).
589 Panamalakkuppam (309).
590 Patralperumbudur (256).
591 Pattarai (309).
592 Pennalurpet (63).
593 Perambakkam (318).
594 Perathur (246).
595 Periacuppam (20).
596 Periapalayam (175).
597 Perithivakkam (89).
598 Perumdivakkam (234).
599 Pillayarcuppam (284).
600 Pillayarcuppam (341).
601 Pinjivakkam (304).
602 Podivakkam (224).
603 Poduvakkam (83).
604 Poondi (183).
605 Poorivakkam (211).
606 Prayancuppam (285).
607 Puducheri (142).*

* Electrified during 1956-57.

NOTE.—Number within brackets indicates the Code number of the village as per Census Book of 1951.

CHINGLEPUT DISTRICT—cont.

Tiruvallur taluk—cont.

- 608 Pudukuppam (255).
609 Pudumavilangal (303).
610 Pullambakkam (217).
611 Puliyur (26).
612 Pulliyur (29).
613 Pungathur (43).
614 Puthur (289).
615 Puthur (291).
616 Ramanjeri (216).
617 Ramapuram (290).
618 Sathalai (3).
619 Selai (2-6).
620 Sembedu (200).
621 Senni (30).
622 Sennavaram (300).
623 Settupakkam (230).
624 Shevpet (21).
625 Singlikuppam (253).
626 Siranvoyal (276).
627 Sirukalathur (274).
628 Siruvannur (264).
629 Sreedevikuppam (306).
630 Srinivasapuram (70).
631 Tadasaneri (267).
632 Thandaram (16).
633 Thandaram (107).
634 Thandamedu (24).
635 Thannerkulam (88).
636 Thazhur (290).
637 Thirupachu (61).
638 Thottikalai (273).
639 Tirukandam (235).
640 Tirur (314).
641 Tiruvallur (266).†
642 Uthukottai (86).
643 Vadamarurai (194).
644 Vadavallur (90).
645 Velupakkam (170).
646 Velliyur (26).
647 Venai (21).
648 Vengikuppam.
649 Vengathur (32).
650 Veerakapuram (107).
651 Venmanampudur (48).
652 Vidayur (297).

NORTH ARCOT DISTRICT.

Arkonam taluk.

- 653 Sankarampadi (141).
654 Sankarampadihatram (141).*

Cheyyar taluk.

- 655 Alathur (191).
656 Alathura (20).
657 Armapuram.
658 Du (41).
659 Hanumanthapettai.
660 Lakkimpuram.
661 Mamandur (67).
662 Nedungal (167).
663 Pallavaram (48).
664 Vazavandal (59).*

† Town.

APPENDIX H-2.

List of villages and townships supplied with electrical energy by Licensee Undertakings as at the end of 1955-56 and also electrified during the year 1956-57.

(1) COIMBATORE MUNICIPALITY.

COIMBATORE DISTRICT.

Coimbatore taluk.

1 Coimbatore (35)†.

(2) EAST TANJORE.

TANJORE DISTRICT.

Sirkali taluk.

- 2 Analkaranchatram (8).
- 3 Achalapuram (13).
- 4 Saraswathivilagam (37).
- 5 Vilandilusamudram (43).
- 6 Thadalanakoli (39).
- 7 Iveli (59).
- 8 Sirkali (67)†.
- 9 Vatheeswaran koli (76)†.
- 10 Kathiramanalam (89).
- 11 Thulasendrapuram (9).
- 12 Arasur (34).
- 13 P.onganur (67).
- 14 Sattanathapuram (68).
- 15 Pakkiri Thakal (8).
- 16 S.ammangudi (64).
- 17 Keernallur (65).
- 18 Mananampet (13).
- 19 Kuttalveli (13).
- 20 Kunnam (34)*.
- 21 Edamanal (51)*.
- 22 Radanallur (52)*.
- 23 Tirumalaivasal (53)*†.
- 24 Tirukkarguvor (65)*.
- 25 Vadagal (66)*.

Mayuram taluk.

- 26 Ananthandavapuram (23).
- 27 Nidur (26).
- 28 Kuttalam (35)†.
- 29 Anjaraavathalai (35).
- 30 Arayapuram (42).
- 31 Kadalangudi (43).
- 32 Varadhirajapuram (44).
- 33 Kappadugal (47).
- 34 Mayuram (48)†.
- 35 Pallanvaper (48).
- 36 Ambanathapuram (49).
- 37 Moovalur (51).
- 38 Thiruvandur (53).
- 39 Sirkasadu (56).
- 40 Molaiyur (57).
- 41 Sholachakranallur (57).
- 42 Sembanarkoli (72).
- 43 Arupadi (73).
- 44 Nallathakudi (77).
- 45 Vadageri (Arangagudi) (79).
- 46 Thirukkudalur (80).
- 47 Akkur (82).
- 48 Parakkalur (85).
- 49 Porayar (Tranjoobar) (89)†.
- 50 Erukka anchori (89).
- 51 Kalahasthinapuram (94).
- 52 Arivalur (115).
- 53 Kallappanallur (112).
- 54 Tholudalangudi (123).
- 55 Elanthangudi (124).
- 56 Perumalkoli (126).
- 57 Thirukhandur (125).
- 58 Keelaiyur (125).
- 59 Komai (126).
- 60 Konerirajapuram (181).
- 61 Mangallur (186).
- 62 Polayur (147).
- 63 Kothanallur (148).
- 64 Andagudi (50).
- 65 Kilianur (109).
- 66 Neikuppai (135).
- 67 Moongithottam (48).
- 68 Thimukalacheri Ayappadi (143).
- 69 Sankaran Pandai (164).
- 70 Melaiyur (71).
- 71 Keruvalekkarai (87).

(2) EAST TANJORE—cont.

TANJORE DISTRICT—cont.

Mayuram taluk—cont.

- 72 Marudur (87).
- 73 Iluppur (163).
- 74 Anathelagaram (51)*.
- 75 Thirumanjeri (33).

Tanjore taluk.

- 76 Vallam (151)†.
- 77 Kottiyur (159).

Nannilam taluk.

- 78 Kumaramangalam (1).
- 79 Keeranur (2).
- 80 Kollumangudi (19).
- 81 Kilavayalur (12).
- 82 Vadammattam (14).
- 83 Kadagambadi (17).
- 84 Vadugagudi (17).
- 85 Peralam (24).
- 86 Thiruveelimalai (30).
- 87 Vishnupuram (38).
- 88 Marudavancheri (40).
- 89 Kuthanur (41).
- 90 Poonthottam (42).
- 91 Manavalanallur (50).
- 92 Todiyur (50).
- 93 Kollithrumalam (56).
- 94 Nannilam (65)†.
- 95 Mappillakuppam (66).
- 96 Mannavalampettai (67).
- 97 Nallamangudi (67).
- 98 Sannanallur (68).
- 99 Muthikondan (69).
- 100 Puthugaram (70).
- 101 Enangudi (71).
- 102 Thiruppuzalur (72).
- 103 Adalalur (80).
- 104 Thirukkannapuram (92).
- 105 Thirumarugal (94).
- 106 Pragam (96).
- 107 Serukalathur (100).
- 108 Analkuppam (108).
- 109 Marungur (115).
- 110 Kodavasal (119)†.
- 111 Thittacheri (117).
- 112 Sengalipuram (122).
- 113 Achuthamangalam (63).
- 114 Kuvahikal (129).
- 115 Virkudi (131).
- 116 Vettar (131).
- 117 Melopalayur (142).
- 118 Perumpalayur (148).
- 119 Semmankudi (150).
- 120 Moolankudi (152).
- 121 Valkudi (155).
- 122 Elayur (160).
- 123 Uthirankudi (161).
- 124 Kappanamangalam (166).
- 125 Arasavanangadu (167).
- 126 Ayyampet (31).
- 127 Kanagalancheri (174).
- 128 Thirukalambur (175).
- 129 Sellar (176).
- 130 Ammayappan (182).
- 131 Karuppur (182).
- 132 Thirukkannamangal (188).
- 133 Kattur (184).
- 134 Vandannal (186).
- 135 Pavithramahloka (188).
- 136 Perumalagaram (195).
- 137 Koradacheri (199).
- 138 Athikadal (200).
- 139 Kulikarai (206).
- 140 Perunthura-kudi (206).
- 141 Inampiliyur (207).
- 142 Devakandanallur (208).
- 143 Kamalapuram (211).
- 144 Bravancheri (116).
- 145 Villakam (16).
- 146 Thiruchengattankudi (98).
- 147 Erukattur (210).

APPENDIX H-2—cont.

List of villages and townships supplied with electrical energy by Licensee Undertakings as at the end of 1955-56 and also electrified during the year 1956-57—cont.

(1) EAST TANJORE—cont.

TANJORE DISTRICT—cont.

Nannilam taluk—cont.

- 148 Adambar (51).
- 149 Ambal (57).
- 150 Tirunachiur (23).
- 151 Manatankudi (31).
- 152 Kottur (36).
- 153 Vowalady (72).
- 154 Itajukaruppan (108).
- 155 Puthur (192).
- 156 Kallapuram (28)*.
- 157 Vazhnamangalam (98)*.
- 158 Manjakkudi (156)*.
- 159 Narasimampettai (146)*.
- 160 Abivirihiswarum (178)*.
- 161 Elavanganakudi (188)*.
- 162 Vazhugudi (17)*.
- 163 Kadagakkudi (49)*.
- 164 Thennanjar (108)*.

Mannargudi taluk.

- 165 Nidimangalam (7)†.
- 166 Poovanur (17).
- 167 Ittappanachavadi (17).
- 168 Perambur (24).
- 169 Melavasai (20).
- 170 Pothakudi (44).
- 171 Boodh mangalam (44).
- 172 Velukudi (46).
- 173 Moolagudi (47).
- 174 Kuthanallur (50)†.
- 175 Lakshmanagudi (51).
- 176 Vadappathinangalam (53).
- 177 Kavarur (55).
- 178 Alachari (55).
- 179 Mannargudi (64)†.
- 180 Pannai (64).
- 181 Vallalmedu (61).
- 182 Chitrayur (76).
- 183 Alottai (86).
- 184 Udayakotai (113).
- 185 Ulukottai (127).
- 186 Aravottai (133).
- 187 Ravichiyam (84).
- 188 Thirunadaravaram (57).
- 189 Sithamali (16).
- 190 Kummattithidal (165).
- 191 Arachandrapuram (54)*.
- 192 Nangangudi (50)*.

Nagapattinam taluk.

- 193 Tiruvattur (53).
- 194 Kadakkalipalayam (31).
- 195 Viyyapuram (30).
- 196 Sundarayilgam (32).
- 197 Kakkarai (34).
- 198 Muddampattanam (85).
- 199 Pulvalam (61).
- 200 Adivilam (61).
- 201 Anaiyadapathi (86).
- 202 Kurur (98).
- 203 Olain (98).
- 204 Thoppilimpuliyur (94).
- 205 Mangudi (104).
- 206 Thirunavayanallur (104).
- 207 Kunnaiyur (142).
- 208 Mayoor (142).
- 209 Alanudi (116).
- 210 Kollamur (144).
- 211 Pinnasali (159).
- 212 Thirukkavasa (160).
- 213 Adamangalam (161).
- 214 Pudur (172).
- 215 Thirunellikaval (172).
- 216 Vallalalam (173).
- 217 Kodiyalathur (173).
- 218 Thirukuvail (174).
- 219 Ettugudi (182).
- 220 Kalanivasal (105).

Pattukkottai taluk.

- 221 Kovilur (32).
- 222 Vadasai (49).
- 223 Avikottai (58).

(2) EAST TANJORE—cont.

TANJORE DISTRICT—cont.

Pattukkottai taluk—cont.

- 224 Nilkurichi (63).
- 225 Old Madakkur (114).
- 226 Nethala (143).
- 227 Maikkur (145).
- 228 Pattukkottai (167).
- 229 Vankadu (187).
- 230 Thuvarkurihi (188).
- 231 Adinattinam (235).
- 232 Thittachir (174)*.
- 233 Mannadigudi (14)*.
- 234 Thambakinnilavankottai Melakkadu (212)*.
- 235 Peravarani (286)*.

Tiruthurai taluk.

- 236 Thiruthangoor (2).
- 237 Thirunelikkavai (2).
- 238 Kullapadu (4).
- 239 Apparakkudi (11).
- 240 Alathambadi (16).
- 241 Kothangudi (17).
- 242 Palayangudi (20).
- 243 Manali (33).
- 244 Kurumbal (33).
- 245 Manakkudi (34).
- 246 Thiruvayar (40).
- 247 Velur (43).
- 248 Thiruthurai poondhi (49).
- 249 Pannai (0).
- 250 Nedumabalam (56).
- 251 Kattimodu (57).
- 252 Regal (58).
- 253 Ailalur (61).
- 254 Adirangam (63).
- 255 Pandi (66).
- 256 Sanganthi (79).
- 257 Elaiyur (80).
- 258 Serupandi (85).
- 259 Kunalur (87).
- 260 Uthasarpandapuram (89).
- 261 Nallur work (95).
- 262 Vadagal (99).
- 263 Alingadu (103).
- 264 Muthupet (109).
- 265 Vedaranyam (112).
- 266 Thopputhurai.
- 267 Ambavudai (115).
- 268 Thillaiyilagam (117).
- 269 Voymodu (121).
- 270 Karupmbulam (125).
- 271 Pandikottagam (66).
- 272 Marud North (96).

Arantangi taluk.

- 273 Arantangi (35).
- 274 Dargasthu (66)*.

(3) KUMBAKONAM.

TANJORE DISTRICT.

Mayuram taluk.

- 275 Thiruvaduthurai (41).
- 276 Thiruvallangadu (38).

Tanjore taluk.

- 277 Thiruvaiyaru (44).
- 278 Kalanatturam (71).
- 279 Thiruvattinam (43).
- 280 Royampet (48).
- 281 Thirupavanam (47).
- 282 Thirupanthurithi West (67).
- 283 Thirupanthurithi East (68).
- 284 Nadukavai (40).
- 285 Thiruvallam uzhi (42).
- 286 Manakarambadi (89).

Papanasam taluk.

- 287 Kandiyur (116).
- 288 Karuppur (28).
- 289 Mathoo (176).
- 290 Valangilam (86)†.
- 291 Chandrasekarapuram (69).

* Villages electrified during the year 1956-57.

† Town.

Note.—Number within brackets indicates the Revenue unit and the Code number of the village as per Census Book of 1951.

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APPENDIX H-2—cont.

List of villages and townships supplied with electrical energy by Licensee Undertakings as at the end of 1955-56 and also electrified during the year 1956-57—cont.

(3) KUMBAKONAM—cont.

TANJORE DISTRICT—cont.

Papanasam taluk—cont.

- 292 Govindakudi (57).
293 Avoo (68).
294 Papanasam (33).
295 Rajagiri (4).
296 Andavada (32).
297 Matta and idai (53).
298 Ampet (29).
299 Chirapali (39).
300 Valuthoo (4).
301 Papatthikudi (38).
302 Thirukattavoor (76).
303 Milathoor (7).
304 Sallamangalam (150).
305 Kallanjel (133).
306 Sankamp (78).
307 Ombathuvelli (75).
308 Ammpet (153).
309 Ukkadai (155).
310 Marammankol (130).
311 Poond (149).
312 Trumburhalai (133).
313 Ananthya Agnham (20).
314 Thirupavanam (148).
315 Devargudi (1).
316 Seeramangudi (1).
317 Somesarasapuram (10).
318 Echangudi (18).
319 Kudikudi (167).
320 Kapishtalam (24).
321 Sarabojirapuram (30).
322 B. gunathapuram (31).
323 Umayalur (35).
324 Pusthathi Kol (38).
325 Neduntheru (Valathur) (40).
326 Sulamangalam (18).
327 Virupakshipuram (35).
328 Talilur (134).
329 Govindapuram (42).
330 Nallu (4).
331 Idaiyuppu (87).
332 Pudur (170).
333 Anakkudi (44).

Kumbakonam taluk.

- 334 Kumbakonam (†).
335 Sundarapuramkottai (161).
336 Dasuram (138).
337 Sakthikottai (147).
338 Kattayur (135).
339 Swaminthalam (134).
340 Sholapuram (19).
341 Tirupavandal (21).
342 Aduthalai (82).
343 Narasingampet (85).
344 Sathanoor (87).
345 Tiruvadambarudur (75).
346 Tirupuvanam (40).
347 Vepathur (84).
348 Thiruvallur (74).
349 Ammaluram (95).
350 Tirupuram (96).
351 Thiruvageswaram (97).
352 Nachikottai (175).
353 Inikottai (186).
354 Ennanthur (152).
355 Thiruvheri (185).
356 Thirupirajapuram (172).
357 Marudanallur (143).
358 Tiruvallur (141).
359 Innampur (104).
360 Thirumangaludi (68).
361 Thirupirambiam (88).
362 Manambadi (32).
363 Aduthurai (alias) Maruthavakkudi (82).
364 Suryanar Kottai (89).
365 Koranattur Karuppur (91).
366 Talilur (170).
367 Anakkudi (63).
368 Kottur (58).
369 Kallanjel (55).
370 Balurajapuram (109).
371 Thirunarayanur (158).

(3) KUMBAKONAM—cont.

TANJORE DISTRICT—cont.

Kumbakonam taluk—cont.

- 372 Pattiswaram (164).
373 Udaiyur (169).
374 Ayyavadi.
375 Nagalur.
376 Panbhapalayur.
377 Thayarajapuram.

(4) KARUR.

TIRUCHIRAPPALLI DISTRICT.

Karur taluk.

- 378 Karur (49).

(5) POLLACHI.

COIMBATORE DISTRICT.

Pollachi taluk.

- 379 Pollachi (40). (Valugupalayam village within Municipal limits).

(6) SALEM-ERODE.

SALEM DISTRICT.

Salem taluk.

- 380 Salem (99).
381 Suramangalam (93).
382 Kannurkudi (86).
383 Chinnaihirupathy (17).
384 Peringolapattinam (5).
385 Myyaru (6).
386 Seelanakoppattinam (9).
387 Alagapuram (61).
388 Jagir Ammapalayam (55).
389 Chettichavadi (36).
390 Bodanekoppattinam (98).
391 Kasikanoor.
392 Pananarathupattinam (198).

Tiruchengode taluk.

- 393 Tiruchengode (125).
394 Idappattinam (23).
395 Sankaridurg (62).
396 Pallipalayam (138).
397 Vallakuppattinam (158).
398 Solampalayam (54).
399 Karuppalampattinam (110).
400 Pudur.*
401 Pallathurpattinam.*
402 Sandiyur.*
403 Sandiyur A. tayampattinam.*
404 Ammapalayam.*
405 Devendragoundanor.*

COIMBATORE DISTRICT.

Erode taluk.

- 406 Erode (16).

(7) TIRUCHIRAPPALLI-SRIRANGAM.

TIRUCHIRAPPALLI DISTRICT.

Mudali taluk.

- 407 Perumalpalayam (23).
408 Vengalathur (24).
409 Sengattur (4).
410 Manikapuram (27).
411 Murugur (58).
412 Keerambur (49).

APPENDIX H-2—cont.

List of villages and townships supplied with electrical energy by Licensee Undertakings as at the end of 1955-56 and also electrified during the year 1956-57—cont.

(7) TIRUCHIRAPPALLI-SRIRANGAM—cont.

(7) TIRUCHIRAPPALLI-SRIRANGAM—cont.

TIRUCHIRAPPALLI DISTRICT—cont.

Mudali taluk—cont.

- 413 Turaiyur (47).
414 Inam Singanandapuram (70).
415 Kottathur (72).
416 Inam Singanandapattinam (83).
417 Kollakudi (10).
418 Appanallur.
419 Paduipattinam (106).
420 Manbaral (107).
421 Pulivalam (108).
422 Sittalarai (110).
423 Kattupuram (114).
424 Thattiyam (116).
425 Tiruvengi Hills (117).
426 Nachlapudur.
427 Srirama amudram (125).
428 Silappilayarapuram (126).
429 Metturigudai (127).
430 Natham (128).
431 Mahendramangalam (132).
432 Mudirai (137).
433 Sandapalayam (138).
434 Ayyampalayam (142).
435 Peramur.
436 Surathur (60).
437 Yvur (143).
438 Amur (145).
439 Gudalur (147).
440 Mangalapuram (49).
441 Perur (10).
442 T. Pudur (111).
443 Thoppilampattinam (119).
444 Chinnai (133).
445 Kodunthurai (144).

Udayarpalayam taluk.

- 446 Ariyathur (115).
447 Kakkudi (181).
448 Kalliyur (182).
449 Kallipalayam (183).

Lalgudi taluk.

- 450 Seeldevinangalam (2).
451 E. umalai (8).
452 Palayur (10).
453 Karimnickenam (25).
454 Kallagudi (83).
455 Thiruvallur (84).
456 Kalavallipattinam (42).
457 Salakkudi (85).
458 Kallakudi (42).
459 Dalimapuram (42).
460 Kannagudi (88).
461 Poonampalayam (48).
462 Inam Kalpalayam (48).
463 Irungalur (49).
464 Perathakudi.
465 Magillambadi (50).
466 Thanthakurichi (51).
467 Punjai Sengandhi (53).
468 Nanjai Sengandhi (53).
469 Pullambadi (6).
470 Kovandakurichi (55).
471 Alagiamanavalam (56).
472 Manachanallur (57).
473 Inam Samayapuram (60).
474 S. Kannanore (61).
475 Samayapuram (60).
476 Narasingamangal.
477 Nellikuppam (64).
478 Puduruthamanur (66).
479 Peruvallanallur (67).
480 Edangimangalam (69).
481 Vallanur.
482 Kovathagudi (79).
483 Pachur.
484 Nochiur (80).
485 Bikkandakudi (81).
486 Thanthakurichi (81).
487 Kuthur (82).
488 Paluvur.
489 Puvalur (82).

TIRUCHIRAPPALLI DISTRICT—cont.

Lalgudi taluk—cont.

- 490 Ponnasalai.
491 Kallur (94).
492 Alagudi Maharajanam (100).
493 Thanthakurichi (101).
494 Padakkudi (102).
495 Thanthur.
496 S. mpalant.
497 S. m. m. m. (103).
498 Valadi (104).
499 Velayudhapuram.
500 Mandu (105).
501 Angur (106).
502 M. n. kkal (107).
503 Koppa (108).
504 Adigudi (109).
505 Natarajapuram.
506 Vazhudaiyur.
507 Ean. korai (117).
508 Thirumanamedu (119).
509 Pachampettai.
510 Lalgudi (122).
511 Sridaiyur.
512 Edayathamangalam (125).
513 Natham (9).
514 Kumalur (52).
515 Shumayangu (93).
516 Mylvangam (124).
517 Pirakandi (1).
518 Vengur (34).
519 Ulundangudi (57).

Kulithalai taluk.

- 520 Mayanur (3).
521 Tirukkamballur (4).
522 Krishnarajapuram (5).
523 Mahadharapuram (7).
524 Chintalavadi (8).
525 Pillalpalayam (9).
526 Kallipalli (10).
527 Leipet.
528 Timmachipuram (11).
529 Manthattai (4).
530 Vagavallur (15).
531 Kulitattai (16).
532 Karupattur (18).
533 Melapudupattinam.
534 Rajendram (19).
535 Parali.
536 Marudur (20).
537 Nadupattinam.
538 Chithalavadi (21).
539 Vasumathi Farm (27).
540 Hiranyamangalam (34).
541 Valayapattinam.
542 Inungur (35).
543 Pudurpattinam (170).
544 Ondampattinam.
545 Nangavaram (36).
546 Nachur.
547 Talinji (50).
548 Vadaseri (72).
549 Sevalur (100).
550 Andavarkottai (112).
551 Sekkanam (104).
552 Noidalur (44).
553 Chinnappanallur.
554 Alathur (40).
555 Thannurpalli (19).
556 Porasambatti (94).
557 Anjanur (36).
558 Manasalai (109).
559 Kallanmedu (44).
560 Palayur (11).
561 Gudalur (18).
562 Ambikapuri (45).

Tiruchirappalli taluk.

- 563 Srirangam (2).
564 Melur (1).
565 Petthalathalai (9).

* Villages electrified during the year 1956-57.

† Town.
NOTE.—Number within brackets indicates the Revenue unit and the Code number of the village as per Census Book of 1951.

* Villages electrified during the year 1956-57.

† Town.
NOTE.—Number within brackets indicates the Revenue unit and the Code number of the village as per Census Book of 1951.

APPENDIX H-2—cont.

List of villages and townships supplied with electrical energy by Licensee Undertakings as at the end of 1955-56 and also electrified during the year 1956-57—cont.

(7) TIRUCHIRAPPALLI—SRIRANGAM—cont.

TIRUCHIRAPPALLI DISTRICT—cont.

Tiruchirappalli taluk—cont.

- 566 Sirugamani (1).
567 Kavalakapalayam.
568 Kamanalekanpalayam.
569 Perugamani (11).
570 Thiru palathurai (12).
571 Analai.
572 Andanallur (13).
573 Ammenguil.
574 Tiruchendurai (14).
575 Allur (15).
576 Palu (16).
577 Muthurasanallur (17).
578 Murugapettai.
579 Kambarasampatti (18).
580 Kodiyalam (19).
581 Mekkuil (20).
582 Pandamanalam.
583 Tiruchirappalli.
584 Arasanguil (36).
585 Somarasampatti (40).
586 Uyyakondanthirumalai (42).
587 Kodappu.
588 Ariyamangalam (45).
589 Veedivandam (47).
590 Pappakurichi (48).
591 Manjithirai (50).
592 Nachikurichi (51).
593 Bonmasamudram.
594 Sholavallur (55).
595 Sengulam (56).
596 Varagur (57).
597 Thiruverambur (58).
598 Koothapattur (59).
599 Navalur (63).
600 Elamalaiappattipudur (65).
601 Abishekapuram (66).
602 Golden Rock (67).
603 Pottampattin (67).
604 Alathur (70).
605 Melakalkandarkottai.
606 Kutampattur (68).
607 Sambattu.
608 Kilakalkandarkottai (71).
609 Kallidai (74).
610 Sathanur (76).
611 Navalpattin (79).
612 Kottur (94).
613 Vellavai (94).
614 Sivagangapattin.
615 Kuttapattin (104).
616 Iluppur (118).
617 Mukandamampattin (123).
618 Kadappattin (1).
619 Kumravayalur (30).
620 Kopp (3).
621 Ettalai (23).
622 Kulmani (24).
623 Ariyamangalam (45).
624 Adavathur (53).
625 Allithurai*.

Kulathur taluk.

- 626 Parappattin.
627 Ayvampattin (7).
628 Puruvai (9).
629 Viraimalai (83).
630 Seepanthope (80).
631 Ullampattin (10).
632 Keralur (89).
633 Annavasal (121).
634 Sathyaanvalam (124).
635 Maithanallur (133).
636 Vellanur (140).

Alangudi taluk.

- 637 Alangudi (113).

Perambalur taluk.

- 638 Kalathur (91).
639 Thannur (105).
640 Chettikulam* (106).

(8) TANJORE.

TANJORE DISTRICT.

Tanjore taluk.

- 641 Thogur (1).
642 Puduchatram (4).
643 Koviladi (2).
644 Naguchi.
645 Vistampettai (5).
646 Kachamangalam (26).
647 Megalathur (27).
648 Elangadu (29).
649 Numam (30).
650 Palmaneri (31).
651 Tirukattupalli (32).
652 Ombathuvai (34).
653 Michalipatti (35).
654 Kambangudi (53).
655 Marneri (55).
656 Ranganathapuram (59).
657 Sivasimuram (6).
658 Budalur (79).
659 Sengipatti (149).
660 Soryamangalam (188).
661 Tanjore and its surroundings.

(9) VELLORE.

NORTH ARCOT DISTRICT.

Vellore taluk.

- 662 Vellore (35).
663 Konavaram (10).
664 Mullipalam.
665 Thirappadi (118).
666 Sathuvahai (21).
667 Alavaram (158).
668 Vellupakshipuram.
669 Kargumattore* (18).

Ondiyallam taluk.

- 670 Palavansathu (117).
671 Sitheri.
672 Viruthambet (112).
673 Kattadi (89).
674 Utharapadavedu (87).
675 Kallivanthore (113).
676 Vandrahangal (34).
677 Kithanpatral.
678 Kainjoor (111).
679 Vannivedu.
680 Kargudi (37).
681 Peripudur* (69).
682 Pallikuppam* (69).

Wajah taluk.

- 683 Wajah (61).
684 Ammanthanal (53).
685 Ranipett (21).
686 Mottur (28).
687 Karai (31).
688 Navilpur (24).
689 Manthangal (22).
690 Srinivasanpet (22).
691 Arcot (25).
692 Vitharum (46).
693 Kalavan Bazaar (83).
694 Pinji (22).
695 Gummadam (88).
696 Pudpet (57).
697 Thekarakuppam (7).

* Villages electrified during the year 1956-57.

NOTE.—Number within brackets indicates the Revenue unit and the Code number of the village as per Census Book of 1951.

† Town.

APPENDIX H-2—cont.

List of villages and townships supplied with electrical energy by Licensee Undertakings as at the end of 1955-56 and also electrified during the year 1956-57—cont.

(10) VELLORE—cont.

NORTH ARCOT DISTRICT—cont.

Wajah taluk—cont.

- 698 Ammoor (27).
699 Narasimapuram (10).
700 elam (28).
701 Anandalai (80).
702 Sattur (80).
703 Kalar (80).
704 Labbipattai (80).
705 Pandiyalam (87).
706 Kilumol (88).

(10) TIRUNELVELI—TUTUCORIN.

TIRUNELVELI DISTRICT.

Tirunelveli taluk.

- 707 Tinnevely (77).
708 Palayamkottai (103).
709 Palayamkottai (R) (104).
710 Melapalayam (112).
711 Thahallur (56).
712 Inam arayiruppu (40).
713 Inanthirukulam (38).
714 Manmoorthiwarum (57).
715 Chatrapudukulam (39).
716 Raddiatti (126).
717 East Munnirpalam* (120).
718 Arikulam* (121).
719 Kitharuvai* (119).
720 Karungulam* (112).

Srivaikuntam taluk.

- 721 Tuticorin.†
722 Manjalagiri (36).
723 Vallanad (41).
724 Meenavali.
725 Pudukkottai (47).
726 Kootampuli* (47).
727 Kulayankaraisal* (49).

(11) NAGAPATTINAM.

TANJORE DISTRICT.

Nagapattinam taluk.

- 728 Sikkil (77).
729 Kilvalur (71).
730 Tevur (19).
731 Radhamangalam (112).
732 Pattamangalam (88).
733 North Poyyur (102).
734 Velenganni (141).
735 Kurleni (139).
736 Karuvilangudi (122).
737 Vadavoor (121).
738 Papakkil (100).
739 Andanpet (86).
740 Adikkamangalam (42).
741 Kurumanangudi (45).
742 Athipuliyur (64).
743 Kuthoor (64).
744 Sengamangalam (56).
745 Odacheri (15).
746 Karukathi (67).
747 Poravacheri (78).
748 Valipalayam (84).
749 Kadambadi (84).
750 Manjakolli (86).
751 Sikkilvaram (55).
752 Aliyur (55).
753 Puliyur (55).
754 Venkaramavadi (22).
755 Nirthamangalam (121).
756 Palayanur (80).
757 Paravai.
758 Nenavilam (167).
759 Irunkannangudi (72).
760 Neelapadi (6).
761 Nemmeli (106).

(12) SOUTH ARCOT.

SOUTH ARCOT DISTRICT.

Tindivanam taluk.

- 762 Tindivanam (83).
763 Sinzanur (102).
764 Kilediyalam.
765 Mylam (207).

Villupuram taluk.

- 766 Vikravandi (80).
767 Panayapuram (79).
768 Siruvallikuppam (84).
769 Badhapuram (85).
770 Madhurapakkam (90).
771 Villupuram (133).
772 Maharajapuram (138).
773 Eechangadu (144).
774 Panampett (169).
775 Kollyanur (166).
776 Vaniyamangalam.
777 Venkedadurai Aharam.
778 Maikarupam (160).
779 Kandanangalam (176).
780 Valavanur (170).
781 Kannikoll.
782 Narimedu.
783 Thathampalayam.
784 Sirvanthad (218).
785 Tondireddipalayam.
786 Putheri.
787 Mookhakulam (219).
788 Narkdal.
789 Koncampet (221).
790 Badripuliyur.
791 Kilperumbakkam.
792 Arasampattin.
793 Arasampalayam (183).
794 Mandagapattu* (193).

Cuddalore taluk.

- 795 Kandraottai (182).
796 Kantisapakkam (191).
797 Kondareddipalayam.
798 Malayamedu.
799 Poonrunam.
800 Pakkirlipalayam.
801 Gavarapet.
802 Andikuppam.
803 Narayanapuram.
804 Edavanveli.
805 Melattambakkam (205).
806 Panruti (196).
807 Thiruvandavaram (206).
808 Valipet.
809 Nellikuppam (224).
810 Shollavalli.
811 Vivananathapuram.
812 Karamanikuppam (38).
813 Vellapakkam (32).
814 Nathapet (35).
815 Kondur (25).
816 Cuddalore N. T. (50).
817 Cuddalore O. T. (50).
818 Rambakkam.
819 Sornavur.
820 Kalanjikuppam (1).
821 Chinnapavandal.
822 Melkumaramangalam (198).
823 Iyyanarkoll.
824 Kuchipalayam.
825 Kolipakkam (200).
826 Kongarayur (203).
827 Thiruvichanur.
828 Chinnapettai.
829 Orayur (178).
830 Perumalakkennal (204).
831 Thiruvendipuram (40).
832 Padurikuppam (46).
833 Thiruvathi (197).
834 Sundaravandi (222).

† Town.

* Electrified during 1956-57.

NOTE.—Number within brackets indicates the Revenue unit and the Code number of the village as per Census Book of 1951.

APPENDIX H-2—cont.

List of villages and townships supplied with electrical energy by Licensee Undertakings as at the end of 1955-56 and also electrified during the year 1956-57—cont.

(12) SOUTH ARCOT—cont.

SOUTH ARCOT DISTRICT—cont.

Cuddalore taluk—cont.

835 Arungunam.
836 Palor (217).
837 Pudlthandi.
838 Chitravavadi.
839 Nathamedu.
840 Cuningpet.
841 Soorakuppamacheri.
842 Erpalayam.
843 Rangareddipalayam.
844 Thoravi.
845 Pakkamedu.
846 Melakuppam * (14).

Chidambaram taluk.

847 Chuthukulam.
848 Bhuvanagiri † (59).
849 Ammapet.
850 Valampadugai (250).
851 Chidambaram† (181).
852 Omavakhi* (68).
853 Thirunaryi* (270).
854 Lalpet* (253).
855 Kattumannarkoll.*

NOTE.—Number within brackets indicates the Revenue unit and the Code number of the village as per Census Book of 1951.

* Electrified during 1956-57.

(13) MADURAI.

MADURAI DISTRICT

Madurai taluk.

856 Madurai† (180).
857 Sathamangalam (186).
858 Simbantha Alangulam (123).
859 Arapalayam (150).
860 Pudur.
861 Kochdi (151).
862 Thataneri (12).
863 Monnumavadi.

(14) SHENCOTTAI.

TIRUNELVELI DISTRICT.

Shencottai taluk.

864 Shencottai†
865 Kattalakudruppu.

† Town.

APPENDIX I.

(1) PYKARA SYSTEM.

I. INSTALLED CAPACITIES OF TRANSFORMERS.

	Power-house.		Voltage ratio	Capacity in KVA.
	Numbers.			
†1 Singara Power-house	3 × 7,810 KVA.	11/66-110 KV.	..	23,430
	2 × 12,500 KVA.	11/110 KV.	..	25,000
	2 × 16,000 KVA.	11/110 KV.	..	32,000
	3 × 5,000 KVA.	11/66 KV.	..	15,000
			Total ..	95,430
	2,000	11/11-22 KV.	..	6,000
	1,000	Do.	..	2,000
			Total ..	8,000

II. EXTRA HIGH TENSION SUB-STATIONS (66 KV. AND 110 KV.).

Name of station.	Number.	Voltage ratio.	Capacity in KVA.	Aggregate capacity in KVA.
1 Coimbatore R.S.	8	110/66/22-11 KV.	5,000	68,000
	4	110/66 KV.	6,000	
	1	110/22-11 KV.	4,000	
	2	66/33-11 KV.	5,000	
2 Singanailur	2	Do.	500	10,000
3 Uppatti	2	66/33-22KV.	1,750	5,250
4 Tiruppur	3	66/22-11 KV.	1,750	1,750
	1	66/33-11 KV.	1,500	4,500
5 Somanur	3	Do.	1,500	4,500
6 Ingur	3	Do.	1,500	4,500
7 Puliambatti	3	Do.	1,500	4,500
8 Udamaipet	4	66/22-11 KV.	3,000	12,000
9 Pollachi	2	66/22-11 KV.	3,000	8,500
	1	Do.	2,500	
	3	Do.	1,750	
10 Sembatti	1	66/22-33 KV.	1,750	5,250
11 Oddanchatram	1	110/11 KV.	1,750	1,750
12 Kattabettu*	2		1,000	2,000
			Total ..	129,000

* Auto transformers.

APPENDIX I—cont.

(1) PYKARA SYSTEM—cont.

III. HIGH TENSION SUB-STATIONS.

Name of station.	Number.	Voltage ratio.	Capacity in KVA.	Aggregate capacity in KVA.
1 Shenbagapudur*	1	33/11 KV.	1,500	1,500
2 Olapalayam*	2	Do.	1,500	3,000
3 Avanashi	2	Do.	1,000	2,000
4 Karadibavi	2	Do.	500	1,000
5 Karamadai	1	22/11 KV.	250	1,250
	2	Do.	500	
			Total ..	8,750

IV. DISTRIBUTION TRANSFORMERS.

1,705 Numbers.

114,825 KVA.

NOTE.—Singara Power House, Kattabettu Sub-Station, Shenbagapudur sub-station and the Olapalayam Sub-station are under the control of Superintending Engineer (Generation), Erode.

(2) MOYAR STATION.

	Power-house.		Capacity in KVA.
	Numbers.	Voltage ratio.	
1 Moyar Power-house	3 × 15,000	11/110 KV.	45,000

(3) METTUR SYSTEM.

I. INSTALLED CAPACITIES OF TRANSFORMERS.

Name of station.	Numbers.	Voltage ratio.	Capacity in KVA.	Aggregate capacity in KVA.
Power-house	4	11/66-110 KV.	12,500	50,000
	3	11/11-22 KV.	2,000	6,000
			Total ..	56,000

II. EXTRA HIGH TENSION POWER TRANSFORMER STATIONS.

1 Erode	4	110/66 KV.	6,000	*24,000
	3	66/22	2,000	6,000
2 Karur	3	66/22-11 KV.	2,000	6,000
3 Tiruchirappalli	3	66/33-11 KV.	2,500	7,500
	2	66/22-11 KV.	2,000	4,000
	3	110/66 KV.	12,000	36,000
4 Salem	3	110/22-11 KV.	4,000	12,000
5 Dalmiapuram	3	66/22/11 KV.	2,500	7,500
6 Tanjore	3	66/33-11 KV.	1,000	3,000
7 Tiruvarur	2	66/11 KV.	2,500	5,000
8 Nagapattinam	2	Do.	2,500	5,000
9 Kumbakonam	1	66/33-11 KV.	1,250	1,250
10 Mayuram	3	Do.	1,250	3,750
11 Singarapet	4	110/66	6,000	24,000
	1	66/33-11 KV.	1,250	1,250
12 Tirupattur	3	Do.	500	1,500
13 Ambur	3	Do.	1,000	3,000
14 Vadakathipatti	2	Do.	2,000	4,000
	1	Do.	1,250	1,250
15 Vellore	2	110/66/33-11 KV.	4,000	8,000
	1	66/33-11 KV.	2,000	2,000
16 Tiruvannamalai	1	Do.	1,000	1,000
	2	Do.	750	1,500
17 Vettavalam	1	Do.	750	750
18 Villupuram	5	Do.	3,000	15,000
	2	110/66 K.V.	12,000	24,000
19 Arni	3	66/33-11 KV.	1,500	4,500
20 Rasipuram	2	110/22-11 KV.	4,000	8,000
21 Namakkal	1	Do.	4,000	4,000
22 Polur	2	66/33-11 KV.	500	1,000
			Total ..	225,750

* Auto transformers.

APPENDIX I—cont.

(3) METTUR SYSTEM—cont.

Name of station.	Numbers.	Voltage ratio.	Capacity in KVA.	Aggregate capacity in KVA.
III. HIGH TENSION POWER STATIONS.				
1 Kariamangalam	2	33/11 KV.	1,000	2,000
2 Ranipet	2	Do.	1,500	3,000
3 Kaveripauk	2	Do.	2,000	4,000
4 Arkonam	3	Do.	1,000	1,000
5 Pallur	2	Do.	1,000	3,000
6 Chidambaram	1	Do.	1,000	2,000
7 Neiveli	2	Do.	500	500
8 Mambakkam	4	Do.	1,000	2,000
9 Wandiwash	2	Do.	500	2,000
10 Chengam	1	Do.	500	500
11 Hosur	2	Do.	500	1,000
12 Harur	1	Do.	500	1,000
13 Avalurpet	2	Do.	500	500
14 Pudukottai	2	Do.	500	1,000
15 Ponnamaravathi	1	22/66 KV.	250	500
16 Ramachandrapuram	1	11/66 KV.	500	500
	2	Do.	100	200
Total			26,700	

IV. DISTRIBUTION TRANSFORMERS.

1,508 Numbers. 103,589.5 KVA.

(4) PAPANASAM SYSTEM.

Sub-station.	Numbers.	Voltage ratio.	Capacity in KVA.	Aggregate capacity in KVA.
I. INSTALLED CAPACITIES OF TRANSFORMERS.				
1 Papanasam Power House	4	11/66 KV.	7,250	29,000
2 Madurai Thermal Station	2	11/11-22 KV.	2,000	4,000
	1	66/33 KV.	5,000	5,000
	1	11/33 KV.	12,500	12,500
Total			50,500	

II. EXTRA HIGH TENSION TRANSFORMER STATIONS (66 KV. and 110 KV.).

Sub-station.	Numbers.	Voltage ratio.	Capacity in KVA.	Aggregate capacity in KVA.
1 Pasumalai	2	110/66 KV.	12,000	24,000
2 Sivaganga	3	66/33-11 KV.	5,000	15,000
	2	66/22-11 KV.	3,000	6,000
3 Thirumangalam	1	66/33-11 KV.	1,250	1,250
	2	66/22-11 KV.	1,250	2,500
4 Virudhunagar	1	66/33-11 KV.	1,250	1,250
5 Rajapalayam	3	Do.	2,000	6,000
	1	Do.	5,000	5,000
6 Sankarankoil	2	Do.	2,000	4,000
7 Tenkasi	1	Do.	1,000	1,000
8 Koilpatti	3	Do.	1,000	3,000
	2	Do.	2,000	4,000
9 Talaiyuthu	1	Do.	1,000	1,000
	2	Do.	3,000	6,000
10 Tuticorin	1	Do.	2,000	2,000
11 Melakallur	3	66/22-11 KV.	3,000	9,000
	2	66/33-11 KV.	2,000	4,000
12 Thuckalay	1	Do.	1,000	1,000
13 Sattur	2	66/11 KV.	2,000	4,000
	1	66/33-11 KV.	1,000	1,000
14 Shencottah	2	Do.	250	500
15 Vandiyur	1	66/11 KV.	500	500
	1	66/22-11 KV.	1,250	1,250
Total			103,350	

APPENDIX I—cont.

(4) PAPANASAM SYSTEM—cont.

III. HIGH TENSION TRANSFORMER STATIONS.

Sub-station.	Number.	Transformer voltage ratio.	Capacity in KVA.	Aggregate capacity in KVA.
1 Pasumalai	1	33/11 KV.	12,500	12,500
	1	Do.	5,000	5,000
2 Sivaganga	2	22/11-3.3 KV.	250	500
3 Paramakudi	2	22/11 KV.	300	600
4 Gurumurthinaickenpatti	3	33/11 KV.	500	1,500
5 Pudur	2	Do.	1,000	2,000
6 Srivaikuntam	3	Do.	750	2,250
7 Sathankulam	2	Do.	250	500
8 Kalakad	2	Do.	500	1,000
9 Panagudi	2	Do.	1,000	2,000
10 Karaikudi	2	22/6.6 KV.	500	1,000
	1	22/3.3 KV.	500	500
11 Aravayal	1	22/11 KV.	500	500
Total			29,850	

IV. DISTRIBUTION TRANSFORMERS.

994 Numbers.

58,730.5 KVA.

(5) MADRAS SYSTEM.

Station.	Number.	Transformer voltage ratio.	Capacity in KVA.	Aggregate capacity in KVA.
I. INSTALLED CAPACITIES OF TRANSFORMERS.				
1 Basin Bridge Station	2	11/33 KV.	10,000	20,000
	2	5/11 KV.	7,500	15,000
Total			35,000	

II. EXTRA HIGH TENSION TRANSFORMER POWER STATIONS (66 KV. AND 110 KV.).

Sub-station.	Number.	Voltage ratio.	Capacity in KVA.	Aggregate capacity in KVA.
1 Kancheepuram	3	110/33 KV.	7,500	22,500
2 Korattur	2	110/66/33 KV.	7,500	15,000
Total			37,500	

III. HIGH TENSION TRANSFORMER STATIONS (33 KV. AND 22 KV.).

(a) Step-up station—				
1 Kilpauk (Idle)	2	5/33 KV.	1,000	2,000
	1	33/5 KV.	200	200
(b) Step-down stations—				
1 Adyar	1	33/11-5 KV.	1,500	1,500
	1	33/11 KV.	1,000	2,500
2 Avadi	2	Do.	2,000	4,000
3 Chingleput	2	Do.	500	1,000
(Ready to be erected 2 x 1,000 KVA.)				
4 Chromepet (Idle)	1	33/11 KV.	500	500
5 Guduvancheri	2	Do.	500	1,000
6 Kancheepuram	2	Do.	2,000	4,000
	2	33/6.6 KV.	250	500
	2	33/11-6.6 KV.	250	500
7 Kadambattur	3	33/11 KV.	1,000	3,000
8 Kilanur	2	Do.	1,000	2,000
9 Kodambakkam	2	Do.	1,500	3,000
10 Korattur	2	Do.	5,000	10,000
11 Madurantakam	2	Do.	500	1,000
12 Meenambakkam (Idle)	1	Do.	250	250
13 Nugalambal	1	Do.	500	500
14 Pallavaram	1	Do.	1,000	1,000
	1	33/5 KV.	200	200
15 Ponneri	2	33/11 KV.	1,500	3,000
16 Porur	2	Do.	500	1,000

APPENDIX I—cont.

(5) MADRAS SYSTEM—cont.

Sub-station.	Number.	Transformer voltage ratio.	Capacity in KVA.	Aggregate capacity in KVA.
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III. HIGH TENSION TRANSFORMER STATIONS (33 KV. AND 22 KV.)—cont.

(b) Step-down stations—cont.

17 Poonamallee	2	33/11 KV	1,500	3,000
18 Perunagar	1	Do.	500	500
19 Sembiam	1	Do.	3,000	3,000
20 St. Thomas Mount ..	2	Do.	1,500	3,000
21 Tambaram	2	33/5 KV.	300	600
22 Tirukalikkundram ..	1	33/11 KV.	1,000	1,000
23 Tinnanur	2	Do.	500 (Idle).	500
24 Uthukottai	2	Do.	500	1,000
25 Walajabad	2	Do.	500	1,000
Total ..				56,750

(c) Auto-transformers—

1 West Georgetown	1	11/5 KV.	1,500	1,500
2 East Georgetown	1	Do.	1,500	1,500
3 Mount Road	3	Do.	1,500	4,500
Total ..				7,500

I.D.O. SUB-STATION.

	K.W.	Installed capacity in K.W.
(a) Rectifier sub-stations—		
1 Bella Road	3 × 250	750
2 China Bazaar	3 × 250	750
3 Egmore	2 × 250	500
4 Moore Market	3 × 250	750
5 Nungambakkam	2 × 250	500
6 West Cott Road	3 × 250	750
Total ..		4,000
(b) Rotary sub-stations—		
1 Chetput	3 × 250	750
2 Egmore	4 × 500	2,000
3 East Georgetown	2 × 250	500
4 Mount Road	2 × 1,000	2,000
5 Mylapore	2 × 500	1,000
6 West Georgetown	1 × 250	250
7 Common Electric Plant ..	1 × 1,000	1,000
8 West Georgetown	3 × 500	1,500
9 Mylapore	2 × 250	500
10 West Georgetown	4 × 250	1,000
11 West Georgetown	2 × 1,000	2,000
12 West Georgetown	1 × 500	500
13 West Georgetown	2 × 250	500
Total ..		13,500

IV. DISTRIBUTION TRANSFORMERS.

1079 Numbers.

1,10,867 KVA.

APPENDIX

Consolidated Balance Sheet as on 31st March 1956.

Assets and other debits.							
Serial number.	Balance sheet assets and other debits.	Pykara.	Mettur.	Papanasam.	Hydro total.	Madras (Thermal).	Grand total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<i>Utility Plant.</i>							
1	Electric Plant at cost—						
	(i) Generation Plant ..	7,47,55,314	99,13,600	2,78,21,697	11,24,90,611	3,77,97,306	15,02,87,917
	(ii) Transmission ..	2,46,30,156	4,42,71,169	1,41,70,339	8,30,71,664	2,57,77,388	8,56,49,052
	(iii) Distribution ..	6,15,57,029	3,77,03,077	3,35,04,860	13,27,64,966	5,92,87,387	19,20,52,353
	(iv) Miscellaneous equipment ..	10,52,321	18,48,599	17,46,450	46,47,370	4,47,693	46,47,370
2	Common Electric Plant adjustments ..	..	..	9,88,992	9,88,992	7,11,023	17,00,015
3	Common Electric Plant—Tools and Plant ..	1,33,74,331	44,07,883	42,01,178	2,19,83,392	32,90,392	2,52,73,784
4	Electric Plant adjustments ..	17,53,69,151	9,81,44,328	8,24,33,516	35,59,46,995	10,41,11,189	46,00,58,184
	Total, Utility Plant in service ..						
<i>Investment Fund Accounts.</i>							
5	Other physical property ..	..	..	..	..	..	..
6	Investments—						
	(a) Depreciation Reserve Fund ..	2,01,59,825	1,18,69,696	61,70,701	3,82,00,222	1,43,39,595	5,25,39,817
	(b) Special Reserve Fund ..	81,85,258	44,74,871	22,82,691	1,49,42,820	24,08,680	1,73,51,500
7	Investments with Accountants—General—						
	(a) Pension Contributions ..	18,31,499	..	3,94,932	22,26,431	6,66,882	28,93,313
	(b) General Provident Fund Contributions ..	..	..	1,34,638	1,34,638	..	1,34,638
8	Investments with Government ..	..	..	..	..	..	..
9	Investments in P.O.Ca. and N.S.Ca., etc., by subordinates ..	62,600	49,986	3,03,155	4,15,741	13,900	4,29,641
	(a) Investment in securities ..	5,19,800	5,09,280	44,500	10,73,580	72,215	11,45,795
	(b) Investments in P.O.Ca. and N.S.Ca. ..	7,80,280	..	1,85,140	9,65,420	9,73,595	19,39,015
	(c) Fidelity bonds held, G.P. notes, etc. ..	4,02,600	..	1,08,400	5,11,000	23,500	5,34,500
	Total Investments and Fund Accounts ..	3,19,41,862	1,69,03,833	96,24,157	5,84,69,852	1,34,98,367	7,69,68,219
	Carried over ..	20,73,11,013	11,50,48,161	9,20,57,673	41,44,16,847	12,26,09,556	53,70,26,403

Investment Fund Accounts.

APPENDIX J—cont.

Consolidated Balance Sheet as on 31st March 1956—cont.

Serial number.	Balance sheet assets and other debits.	Assets and other debits.					Grand total.
		Pykara.	Mettur.	Papanasam.	Hydro total.	Madras (Thermal).	
(1)	(2)	(3) RS.	(4) RS.	(5) RS.	(6) RS.	(7) RS.	(8) RS.
Cash	Brought forward ..	20,73,11,013	11,50,48,161	9,20,57,073	41,44,16,847	12,26,09,556	53,70,26,403
		1,286	4,369	1,291	6,946	97,068	1,04,014
Working Funds—							
(i) Petty Cash		31,249	30,208		61,457	26,866	88,323
(ii) Temporary Advances		2,38,253	1,01,905	1,10,474	4,50,632	69,124	5,19,756
Cheques, demand, drafts, note receivable ..							
Temporary advances							
Advances recoverable and other advances ..				9,673	9,673		9,673
Accounts Receivable—							
Sale of Power		15,69,614	9,62,992	9,12,967	34,45,573	22,72,716	57,18,289
War Costs Surcharge							
Miscellaneous Revenue		19,74,837	12,88,840	8,26,129	40,89,796	22,83,430	63,73,226
Accrued Utility Revenue		76,31,646	1,22,99,470	1,08,58,084	3,07,89,200	1,06,03,884	4,13,93,084
Materials and Supplies (Stock)		18,41,065	37,55,301	65,33,585	1,21,29,951	1,27,54,396	2,48,84,847
Pre-payments Miscellaneous Advance (capital).			30,48,644	85,889	31,31,533	18,43,842	49,78,375
London Stores		9,51,367	4,20,748	2,81,203	16,53,323	10,83,782	27,37,105
Other Current and Accrued Assets		65,893			65,893	1,00,034	1,65,927
Miscellaneous items of revenue							
Deferred Debits—							
Retirement Work in Progress Service ..		14,19,897		8,55,658	22,75,355	19,33,389	42,08,744
Connection paid by consumers		20,35,474	5,51,587	7,58,626	33,45,687	13,04,414	46,50,101
Other Works in Progress (Service Connections).		1,62,32,493	68,73,380	1,24,61,216	3,55,69,053	1,17,20,524	4,72,89,577
Projects under construction		15,27,293	2,39,604	5,28,764	22,95,661	4,42,845	27,38,506
Other Deferred Accounts (interest and audit fees)							
Lumpsum Payment to L.A.U.			6,06,310	7,32,976	13,39,286		13,39,286
Net Deficit				2,80,983	2,80,983		2,80,983
Grand total ..		24,28,31,140	14,62,33,519	12,72,95,190	51,53,59,849	16,91,46,370	68,45,06,219

Liabilities and other credits.

Serial number.	Balance sheet liabilities and other credits.	Liabilities and other credits.					Grand Total.
		Pykara.	Mettur.	Papanasam.	Hydro total.	Madras (Thermal).	
(1)	(2)	(3) RS.	(4) RS.	(5) RS.	(6) RS.	(7) RS.	(8) RS.
Capital and Borrowing.							
Subventions by Government		12,54,41,925	8,68,99,584	10,29,10,569	31,52,52,078	10,68,65,702	42,21,17,780
Securities purchased		2,83,45,083	1,63,44,567	84,53,392	5,31,43,042	1,67,48,275	6,98,91,317
Total, Capital ..		15,37,87,008	10,32,44,151	11,13,63,961	36,83,95,120	12,36,13,977	49,20,09,097
Long-term Obligations consumer's deposits.							
(i) In P.O.Os. and N.S.Cs., etc.		7,80,280	3,89,380	4,88,295	16,57,955	9,73,595	26,31,550
(ii) Securities		21,43,304	7,44,478	9,09,895	37,97,677	26,44,524	64,42,201
(iii) Cash		4,02,600	1,20,030	95,400	6,18,030		6,18,030
(iv) In Government promissory notes		62,600	49,986	57,500	1,70,086	37,400	2,07,486
(v) Employers' securities		9,478	2,225	4,212	15,915	2,43,295	2,59,210
Deposits (contractors)		12,91,509	11,31,267		24,22,776	20	24,22,796
Other long-term deposits						72,215	72,215
Notes payable							
Accounts payable		9,405	44,492		53,897	6,96,944	7,50,841
(i) Contractors		33,86,693	38,87,314	27,26,564	1,00,00,571	58,46,525	1,58,47,096
(ii) Suppliers		1,55,735	4,12,145	39,775	6,06,655		6,06,655
London Stores		13,07,324	3,91,229	3,58,210	20,58,763	7,30,215	27,86,978
Consumer's deposits for service connections ..							
Taxes assessed							
Interest accrued							
Advances for contributions (D.C.W.)		18,939		678	19,617	27,370	46,987
Other credits and accrued credits				8,70,119	8,70,119	12,40,163	21,10,272
Salaries and wages due		7,85,831	1,96,103	2,42,573	12,24,507	3,30,574	15,55,081
Carried over ..		16,41,40,706	11,06,12,800	11,71,56,182	39,19,09,688	13,64,56,807	52,33,66,495

Liabilities and other credits.

Operating Revenues for the year ended 31st March 1956.

Pyara.	Pyara.			Metric.			Papanasam.			Madras (Thermal).			Grand Total Amount.	
	Number of services.	Consumption in lakhs.	Amount.	Number of services.	Consumption in lakhs.	Amount.	Number of services.	Consumption in lakhs.	Amount.	Number of services.	Consumption in lakhs.	Amount.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
			RS.			RS.			RS.			RS.		RS.
Licensed	3	909	5,64,855	28	2,756	6,13,131	3	474	6,79,975	81,47,461	12	397	38,645	81,86,106
H.T. Industrial	132	1,531	4,73,833	19	329	8,04,697	36	464	13,31,980	65,09,988	95	397	17,09,686	82,19,624
L.T. Industrial	1,523	1,531	4,73,833	165	1,65	8,05,423	1,099	1,099	6,11,994	22,29,250	3,578	73	5,48,831	27,78,081
Agricultural	12,721	1,008	2,73,169	8,433	267	14,16,178	3,783	63	4,05,053	45,58,405	2,778	118	6,66,627	52,25,081
Domestic	55,208	184	27,37,169	20,222	62	13,32,682	52,720	73	15,79,623	56,16,377	49,879	385	6,08,525	1,99,19,922
Commercial	3,707	123	2,43,331	4,34	97	15,32,682	43	3	64,069	8,52,776	6,642	201	25,50,748	29,33,522
Municipal	2	149	4,43,347	2	11	2,92,050	391	16	5,17,691	11,73,999	168	46	2,66,494	11,46,196
Street lights	146	22	3,31,686	258	99	8,13,118	3	249	2,75,996	8,79,702	226	6	7,22,514	10,97,327
Railways	24	7	61,395	4	7	1,13,118	3	3	3,77,806	3,74,813	413	413	35,97,752	39,76,558
Government	17	56	2,12,010	13	29	1,22,108	3	249	43,693	3,77,806	244	413	35,97,752	39,76,558
Departments.	10	2,191	57,30,928	43	..	21,402	2	6	9,25,412	66,77,742	457	44	3,24,646	70,02,388
Miscellaneous and departments	4	4	18,089	8	21	68,996	1	3	7,310	94,895	3	30	1,13,123	2,07,518
Water-works	..	..	24,14,417	..	..	28,08,275	..	..	10,41,443	62,04,185	..	..	23,19,824	85,83,959
Surcharges—	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Madras Electricity	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Industrial	..	..	3,18,428	..	..	4,29,384	..	..	8,94,936	11,42,748	..	..	21,56,017	11,42,748
Hydro-electric	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fuel	..	..	2,26,746	..	..	1,31,856	..	..	1,40,366	4,95,968	..	..	..	4,95,968
Annual minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Special charges.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Income—	..	..	32,763	..	..	60,580	..	..	2,28,175	3,21,513	..	..	..	3,21,513
Income from	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Merchandising,	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jobbing and	..	..	..	..	..	..	..	..	..	..	..	..	..	..
commercial	..	..	..	..	..	..	..	..	..	..	..	..	..	..
works.	..	..	17,921	..	..	78,659	..	..	1,91,268	2,87,843	..	..	7,600	2,95,446
Income from	..	..	..	..	..	..	..	..	..	..	..	..	..	..
rents and non-	..	..	..	..	..	..	..	..	..	..	..	..	..	..
utility opera-	..	..	..	..	..	..	..	..	..	..	..	..	..	..
tion.	..	..	60,516	..	..	7,416	..	..	795	68,727	..	..	8,114	76,841
Revenue from	..	..	..	..	..	..	..	..	..	..	..	..	..	..
hire and lease.	..	..	7,20,443	..	..	4,72,486	..	..	1,75,656	18,68,585	..	..	4,84,913	18,53,498
Interest from	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Investments.	..	..	5,80,584	..	..	6,21,432	..	..	2,71,591	14,73,607	..	..	10,78,375	25,51,982
Miscellaneous	..	..	..	..	..	..	..	..	..	..	..	..	..	..
revenue.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Net deficit	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	56,715	3,838	2,26,12,449	31,991	3,404	1,69,47,685	41,747	1,496	1,00,13,291	4,95,74,845	55,747	1,945	2,28,97,432	7,24,71,777

APPENDIX J—cont.
Operating expenses.

(1)	Pykara.		Mettur.		Papanasam.		Total Hydro.		Madras (Thermal).		Grand total.	
	(2)	(3) RS.	(4)	(5) RS.	(6)	(7) RS.	(8)	(9) RS.	(10)	(11) RS.	(12)	(13) RS.
Generation—												
Station capacity K.V. ..	106,758	..	40,000	..	42,000	..	..	..	68,500	..	..	2,39,849
Station peak load K.W. System/Station ..	107,500	..	41,200	..	41,200	..	..	..	56,000	..	..	12,94,895
Units generation in millions ..	508	..	214	..	148	..	..	..	188	..	..	1,41,399
Supervision ..	..	66,240	..	14,946	..	64,680	..	1,45,866	..	1,53,983	..	8,27,100
Labour ..	..	28,304	..	15,534	..	1,05,528	..	1,52,361	..	11,44,534	..	80,56,490
Expenses ..	..	25,350	..	13,816	..	57,652	..	1,01,818	..	40,531	..	1,01,22,733
Royalty ..	..	..	3,27,100	..	..	..	..	3,27,100	..	..	..	..
Maintenance ..	..	4,36,580	..	1,78,988	..	14,81,298	..	20,96,866	..	59,54,624	..	..
		5,56,474		5,55,384		17,12,153		28,24,011		72,98,722		..
Transmission Lines—												
Length of H.T. lines in miles ..	2,422	..	2,802	..	1,380	..	..	..	836	..	..	3,11,986
Length of L.T. lines in miles ..	8,802	..	2,097	..	1,375	..	..	..	1,165	..	..	3,29,772
Number of H.T. Station { with capacity K.V.A. { 46/ 118,250			64/ 1,41,500		31/ 64,760		..	..	4/ 23,000		..	1,83,629
Supervision ..	..	1,08,360	..	1,27,438	..	54,420	..	2,90,218	..	21,768	..	3,87,649
Labour ..	..	1,02,773	..	1,12,042	..	85,451	..	3,00,266	..	29,506	..	12,12,986
Expenses ..	..	67,871	..	10,536	..	1,01,682	..	1,79,489	..	4,140	..	..
Maintenance ..	..	1,39,953	..	1,63,559	..	55,062	..	3,63,574	..	23,975	..	..
		4,18,457		4,18,575		2,96,515		11,33,547		79,389		..
Distribution—												
Number of distribution trans- former with . K.V.A. { 1,453/ 93,968			1,096/ 75,980		682/ 35,305		..	..	699/ 70,257		..	..
Supervision ..	..	1,07,520	..	1,27,438	..	1,01,938	..	3,86,946	..	2,45,035	..	5,81,981
Labour ..	..	2,38,647	..	3,29,194	..	2,42,046	..	8,64,887	..	11,88,297	..	20,03,184
Expenses ..	..	2,86,989	..	36,986	..	— 22,854	..	3,01,021	..	65,326	..	3,66,347
Maintenance ..	..	7,62,263	..	8,29,814	..	2,03,632	..	13,00,709	..	8,69,454	..	16,70,263
		14,40,399		8,83,982		5,29,812		28,03,568		18,18,112		46,21,675

Commercial—

Total number of consumers ..	78,492	44,190	88,064	93,790	..	..	..	..	..	..	..	..
Meter reading and collection.	..	..	..	..	..	..	..	..	..	..	..	..
Supervision ..	..	36,600	..	16,200	..	25,030	..	25,030	..	4,78,488	..	5,26,518
Expenses ..	..	1,89,014	..	78,669	..	8,040	..	80,840	..	2,07,228	..	3,68,968
Accounting ..	..	2,43,772	..	4,316	..	2,41,070	..	2,94,219	..	..	..	2,94,219
Audit ..	..	13,120	..	10,348	..	2,640	..	4,89,158	..	2,79,521	..	7,68,679
Administration ..	..	4,75,948	..	1,88,670	..	1,84,451	..	26,108	..	8,283	..	34,391
Headquarters charges ..	..	4,32,095	..	1,79,055	..	84,259	..	8,44,069	..	— 2,84,754	..	5,59,495
Other miscellaneous expenses ..	..	8,37,521	..	8,55,385	..	7,88,481	..	6,86,409	..	2,26,744	..	9,13,153
Depreciation ..	..	16,190	..	..	..	12,316	..	24,51,337	..	1,64,210	..	26,15,547
Power purchased ..	..	15,89,467	..	74,05,907	..	6,53,648	..	28,506	..	..	..	28,506
Amortisation of cost of plant/fiduciary ..	..	..	..	..	..	25,512	..	96,49,022	..	13,51,290	..	1,10,00,312
Property charged to operation ..	..	32,500	..	— 1,32,735	..	8,864	..	25,512	..	7,240	..	32,762
Tools and Plant ..	..	40,16,898	..	86,00,765	..	20,38,347	..	— 91,871	..	10,366	..	— 81,505
Recoveries shown as revenue.	..	..	..	..	..	..	..	1,46,51,010	..	24,68,796	..	1,71,19,806
Non-operation revenue deductions—												
(i) Annual repairs to buildings.	..	39,286	..	..	..	5,106	..	44,402	..	65,655	..	1,10,057
(ii) Repairs to leased property.	..	..	..	..	..	..	..	..	..	..	..	..
(iii) Interest on consumers deposit undertakings.	..	..	..	..	..	..	..	..	..	..	..	..
Income deductions—												
1. Contribution to Depreciation and Special Reserve Funds.	..	50,60,614	..	17,87,418	..	18,85,393	..	86,36,425	..	37,30,528	..	1,24,16,953
2. Interest on borrowings ..	..	64,80,709	..	39,22,907	..	35,59,290	..	1,39,62,906	..	48,50,678	..	1,88,13,584
Amortisation of debit discount expenses less premium on debit.	..	..	..	..	..	..	..	..	..	..	..	..
Taxes assessed on interest ..	..	..	..	..	..	..	..	..	..	..	..	..
Interest charged to construction.	..	..	..	..	..	..	..	..	..	..	..	..
3. Audit fees ..	..	48,187	..	97,175	..	38,645	..	1,84,007	..	1,07,152	..	2,91,159
Reserve for bad debts ..	..	22,280	..	5,400	..	..	..	27,680	..	..	..	27,680
Interest on loans ..	..	..	..	..	..	..	..	..	..	..	..	..
Net income ..	..	46,89,336	..	7,26,629	..	..	..	54,16,465	..	24,78,400	..	78,94,865
Total ..	2,26,13,449		1,69,47,035		1,00,13,261		4,96,74,245		2,28,97,432		7,24,71,777	

APPENDIX J—cont.

Note to accompany Balance Sheet.

Details of schemes under construction excluded from Utility Capital, 1955-56.

Schemes. (1)	Direct Outlay. (2) RS.	Indirect Charges (3) RS.
<i>Pykara Electricity System.</i>		
1 Pykara-Coimbatore-Madurai III Circuit Line ..	98,08,222	10,27,808
2 Udumalpet-T.C. Border 110 KV Line ..	3,342	120
3 Coimbatore-Madukkarai-Palghat Line ..	1,39,699	4,972
4 South Kanara Extension	52,46,171	4,54,724
5 Kundah Hydro-Electric Scheme	10,35,029	39,669
Total ..	1,62,32,463	15,27,293

<i>Mettur Electricity System.</i>		
1 Salem-Namakkal	19,74,142	69,000
2 Neiveli-Villupuram	2,351	85
3 Singarapet-Villupuram	43,24,076	1,49,878
4 Villupuram-Pondicherry	3,110	112
5 Erode-Tiruchirappalli chargeover	5,71,700	20,529
Total ..	68,75,379	2,39,604

<i>Papanasam Electricity System.</i>		
1 Papanasam-Tirunelveli-Kayathar	27,98,630	93,587
2 Periyar Hydro Electric Scheme	96,62,580	4,35,177
Total ..	1,24,61,210	5,28,764

<i>Madras Electricity System.</i>		
1 Madras 'B' Station extension III stage ..	1,17,20,524	4,42,845
Grand total ..	4,72,89,576	27,38,506

APPENDIX K.
List of staff employed.

Systems and Circles.	Engineering.	Draughtsman.	Accounting and Clerical.	Store-keepers.	Technical staff.	Total.
	Gazetted.	Gazetted.	Gazetted.	Gazetted.	Operation and maintenance.	
	(2)	(4)	(6)	(8)	(13)	(15)
	35	2	65	7	3	162
	5	..	4	..	..	94
	..	..	10	..	..	92
	25	1	1	..	..	247
	22	1	..	..	..	558
	39	..	9	1	..	4,736
	43	..	8	1	..	6,279
	35	..	8	1	..	4,667
	26	..	1	..	..	1,890
	23	..	2	..	..	1,621
	40	..	10	1	..	7,107
	22	..	2	..	..	1,921
	33	..	2	..	..	3,709
	14	..	2	..	..	2,816
	..	..	69	1	..	85,899
	335	2	2,591	7	8,313	35,899
	894	228	65	164	21,727	35,899

APPENDIX L.

Comparative particulars of operation and maintenance expenses, revenue, etc., before and after nationalization of the electrical undertakings having independent generating stations taken over by Government under the Madras Electricity Supply Undertakings (Acquisition) Act, 1954.

NIL

APPENDIX M.

Details of investment.

Details.	Face value. RS.	Purchase price. RS. A. P.
I. Pykara Hydro-Electricity System.		
(a) Depreciation Reserve Fund, 31st March 1957—		
1 Madras Conversion 3 per cent Loan, 1946 ..	8,40,000	8,46,775 0 0
2 Second Victory 3 per cent Loan, 1959-61 ..	22,60,000	22,38,162 8 0
3 National Plan 3½ per cent Bonds, 1961 ..	15,64,300	15,37,786 0 0
4 Government of India 2½ per cent Loan, 1962 ..	7,00,000	6,41,375 0 0
5 Government of India 3 per cent Loan, 1963-65 ..	17,50,000	16,60,312 8 0
6 F.D., 3 per cent Loan, 1970-75 ..	19,75,000	19,20,534 4 0
7 Government of India 4 per cent Loan, 1960-70 ..	4,000	4,517 8 0
8 National Plan 3½ per cent Bond, 1964 ..	47,42,900	46,73,089 12 0
9 Do. 1965 ..	11,84,200	11,66,749 8 0
10 Do. 1967 ..	4,02,100	3,96,068 8 0
11 Madras 3 per cent Loan, 1959 ..	1,70,300	1,64,780 7 0
12 Do. 1960 ..	9,17,200	9,01,575 8 0
13 Madras 2½ per cent Loan, 1961 ..	13,84,500	13,28,168 12 0
14 Madras 3½ per cent Loan, 1962 ..	18,00,000	17,55,000 0 0
15 Madras 4 per cent Loan, 1967 ..	14,42,900	14,30,880 10 6
16 Do. 1968 ..	35,47,500	34,74,918 6 6
Total ..	2,46,84,900	2,41,39,871 3 6
(b) Special Reserve Fund—		
1 Conversion 3 per cent, Loan, 1946 ..	9,00,500	7,83,983 2 0
2 Government of India 2½ per cent Loan, 1962 ..	2,00,000	1,83,250 0 0
3 Government of India 3 per cent Loan, 1963-65 ..	5,50,000	5,23,750 0 0
4 II. Victory 3 per cent Loan, 1959-61 ..	14,84,000	14,51,933 12 0
5 National Plan 3½ per cent Bonds, 1961 ..	6,83,700	6,72,176 8 0
6 Do. 1964 ..	21,05,100	20,75,023 8 0
7 Do. 1965 ..	8,07,300	7,96,190 8 0
8 Do. 1967 ..	2,03,500	2,00,447 8 0
9 F.D. 3 per cent Loan, 1970-75 ..	3,83,000	3,83,000 0 0
10 F.3 per cent Loan, 1966-68 ..	4,30,000	4,13,337 8 0
11 Madras 3 per cent Loan, 1959 ..	43,600	41,640 2 0
12 Do. 1960 ..	2,98,300	2,96,808 8 0
13 Madras 2½ per cent Loan, 1961 ..	3,60,000	3,61,293 12 0
14 Madras 4 per cent Loan, 1968 ..	16,46,800	16,13,293 0 0
Total ..	1,00,95,600	97,96,107 13 0
	3,47,80,500	3,39,35,979 0 6

APPENDIX M—cont.

Details of investments—cont.

Details.	Face value. RS.	Purchase price RS. A. P.
II. Mettur Hydro-Electricity System.		
(a) Depreciation Reserve Fund—		
1 Conversion 3 per cent Loan, 1946 ..	5,00,000	5,04,687 8 0
2 Second Victory 3 per cent Loan, 1959-61 ..	16,84,000	19,44,058 12 0
3 National Plan 3½ per cent Bonds, 1961 ..	6,92,100	6,79,988 4 0
4 Do. 1964 ..	18,09,000	17,82,430 14 0
5 Do. 1965 ..	3,00,000	2,95,500 0 0
6 Do. 1967 ..	5,71,500	5,62,927 8 0
7 Development 3 per cent Loan, 1970-75 ..	17,42,000	16,92,718 12 0
8 Government of India 3 per cent Loan, 1962 ..	4,00,000	3,66,500 0 0
9 Madras 3 per cent Loan, 1963-65 ..	23,03,800	21,58,707 4 0
10 Do. 1959 ..	1,56,600	1,52,590 14 0
11 Do. 1960 ..	4,82,400	4,79,988 0 0
12 Madras 2½ per cent Loan, 1961 ..	5,70,000	5,72,006 4 0
13 Madras 3½ per cent Loan, 1962 ..	10,00,000	9,75,000 0 0
14 Madras 4 per cent Loan, 1968 ..	22,63,100	22,17,838 0 0
Total ..	1,44,74,500	1,40,84,942 0 0
(b) Special Reserve Fund—		
1 Conversion 3 per cent Loan, 1946 ..	2,00,000	2,01,875 0 0
2 Second Victory 3 per cent Loan, 1959-61 ..	9,34,000	9,01,371 4 0
3 National Plan 3½ per cent Bonds, 1961 ..	2,29,000	2,24,992 8 0
4 Do. 1964 ..	8,01,100	7,90,021 0 0
5 Do. 1965 ..	800	788 0 0
6 Do. 1967 ..	3,88,100	2,83,778 8 0
7 Development 3 per cent Loan, 1970-75 ..	3,55,000	3,55,000 0 0
8 Government of India 3 per cent Loan, 1966-68 ..	3,30,000	3,17,212 8 0
9 Government of India 2½ per cent Loan, 1962 ..	1,00,000	91,625 0 0
10 Madras 3 per cent Loan, 1963-65 ..	8,40,000	7,85,925 0 0
11 Do. 1959 ..	98,700	94,592 11 0
12 Do. 1960 ..	2,00,900	1,99,958 0 0
13 Madras 2½ per cent Loan, 1961 ..	2,24,000	2,24,782 8 0
14 Madras 4 per cent Loan, 1968 ..	7,89,000	7,24,220 0 0
Total ..	53,40,600	51,96,141 15 0
Total, for Mettur ..	1,98,15,100	1,92,81,083 15 0
III. Papanasam Electricity System.		
(a) Depreciation Reserve Fund—		
1 Conversion 3 per cent Loan, 1946 ..	85,000	85,689 6 0
2 Do. 1970-75 ..	10,67,000	9,96,816 4 0
3 Do. 1966-68 ..	5,00,000	4,74,062 8 0
4 Second Victory 3 per cent Loan, 1959-61 ..	11,00,000	10,56,687 8 0
5 Second Victory 2½ per cent Loan, 1962 ..	7,00,000	6,41,375 0 0
6 National Plan 3½ per cent Bonds, 1961 ..	97,000	95,990 4 0
7 Do. 1964 ..	9,03,600	8,90,046 0 0
8 Do. 1964-65 ..	13,03,900	12,85,156 7 0
9 Do. 1967 ..	4,97,800	4,90,333 0 0
10 Madras Government 3 per cent Loan, 1960 ..	76,600	76,217 0 0
11 Madras Government 2½ per cent Loan, 1961 ..	78,000	78,890 0 0
12 Madras Government 4 per cent Loan, 1968 ..	19,47,300	19,08,354 0 0
Total ..	83,56,900	80,79,087 5 0

APPENDIX M—cont.

Details of investments—cont.

Details.	Face value. RS.	Purchase price. RS. A. P.
III. Papanasam Electricity System—cont.		
(b) Special Reserve Funds—		
1 Conversion 3 per cent Loan, 1946	35,000	35,190 10 0
2 Do. 1963-65	2,60,000	2,40,825 0 0
3 Do. 1970-75	1,80,000	1,80,000 0 0
4 Do. 1966-68	2,00,000	1,92,250 0 0
5 Second Victory 3 per cent Loan, 1959-61	4,00,000	3,84,250 0 0
6 National Plan 3½ per cent Bonds, 1951	25,400	24,955 8 0
7 Do. 1964	4,01,500	3,95,477 8 0
8 Do. 1965	4,03,300	3,97,375 8 0
9 Do. 1967	1,99,100	1,96,113 8 0
10 National Plan 2½ per cent Loan, 1962	2,00,000	1,83,250 0 0
11 Madras 3 per cent Loan, 1960	24,600	24,477 0 0
12 Madras 2½ per cent Loan, 1961	28,000	28,140 0 0
13 Madras 4 per cent Loan, 1968	8,69,200	8,51,816 0 0
Total ..	32,28,100	31,34,120 10 0
Total, Papanasam ..	1,15,83,000	1,12,13,207 15 0

IV. Madras Electricity System.

(a) Depreciation Reserve Fund—

1 First Development 3 per cent Loan, 1970-75	14,00,000	14,00,000 0 0
2 Three per cent Loan, 1963-65]	11,20,000	10,87,800 0 0
3 Government of India 4 per cent Loan, 1960-70	18,80,400	19,10,956 8 0
4 Second Victory 3 per cent Loan, 1959-60	18,00,000	17,29,125 0 0
5 Government of India 2½ per cent Loan, 1962	9,00,000	8,24,625 0 0
6 National Plan 3½ per cent Bonds, 1961	7,93,800	7,79,908 8 0
7 Do. 1964	34,13,600	33,62,396 0 0
8 National Plan 3½ per cent Loan, 1964	14,04,300	13,84,081 15 0
9 Mysore Government 4 per cent Loan, 1963	5,00,000	4,97,500 8 0
10 Hyderabad State 4 per cent Loan, 1963	5,00,000	4,97,500 0 0
11 Orissa State 4 per cent Loan, 1968	15,00,000	14,88,750 0 0
12 Madras Government 3½ per cent Loan, 1962	8,87,900	8,65,702 8 0
13 Madras 4 per cent Loan, 1967	4,10,000	4,06,137 8 0
14 Do. 1968	17,89,000	17,67,637 8 0
Total ..	1,82,99,000	1,80,02,120 7 0

(b) Special Reserve Fund—

1 National Plan 3½ per cent Bonds, 1961	1,27,200	1,24,974 0 0
2 First Development 3 per cent Loan, 1970-75	1,60,000	1,60,000 0 0
3 Government of India 3 per cent Loan, 1966-68	2,00,000	2,00,000 0 0
4 Do. 3 per cent Loan 1966-68	3,00,600	2,72,250 0 0
5 Second Victory 3 per cent Loan	6,00,000	5,76,375 0 0
6 Second Victory 2½ per cent Loan, 1962	1,00,000	91,625 0 0
7 National Plan 3½ per cent Bonds, 1964	5,01,300	4,94,371 8 0
8 Do. 1965	5,04,400	4,96,834 0 0
9 Madras 4 per cent Loan, 1967	6,27,000	6,15,243 12 0
10 Madras 4 per cent Loan, 1968	6,17,800	6,05,444 0 0
Total ..	37,38,300	36,29,367 4 0
Total, Madras ..	2,20,37,300	2,16,31,487 11 0

APPENDIX N.

Percentage of progress on construction work in 1956-57.

Serial number and name of scheme.	Budget estimate for 1956-57. (IN LAKHS OF RUPEES.)	Actuals during 1956-57. (IN LAKHS OF RUPEES.)	Percentage to budget estimate.	Remarks.
1 Coimbatore-Madukkarai-Palghat Extension.	8.33	5.77	69	Due to non-receipt of materials.
2 Extension of 110 66/KV. line from Travancore-Cochin border to Udumalpet.	26.67	0.03	Nil.	Due to suspension of the work.
3 Salem-Namakkal 110 KV. line ..	10.94	7.49	68	Due to non-receipt of materials.
4 Singarapet-Villupuram, 110 KV. line.	23.43	22.42	96	No remarks.
5 Neiveli-Villupuram, 110 KV. line ..	4.90	0.62	13	Due to postponement of work.
6 66/KV. line from Villupuram-Pondicherry.	4.78	6.19	129	Acceleration of the works programme.
7 Erode-Trichirappalli III Circuit, 110 KV. line.	7.72	7.66	99	No remarks.
8 Pethiyar Hydro-Electric Scheme ..	321.64	286.98	55	Due to non-receipt of machineries.
9 Kundah Hydro Electric Scheme ..	200.00			
0 Madras 'B' Station Extension ..	160.99	163.97	102	No remarks.

APPENDIX O.

Line and transformer losses (in millions of units), 1956-57 (April 1956 to March 1957).

Name of system.	Generation.	Station consumption.	Purchases.		Total power available for sale (2-3+4+5).	Sales.		Loss.
			From other systems.	From other sources.		To other systems.	Within the system.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Pykara ..	514.361	1.590	59.502	0.716	572.989	203.644	293.636	497.380
Mettur ..	253.930	2.186	187.315	..	439.059	81.822	297.886	379.508
Papanasam ..	135.113	4.542	54.204	0.087	184.862	26.022	138.322	163.344
Madras ..	232.289	16.574	47.342	..	263.057	37.875	192.740	230.615
Total ..	1,135.693	24.842	348.363	0.803	1,459.967	348.363	922.384	1,270.747
								189.220
								13.0

APPENDIX P.

Utilization of power (in millions of units) and revenue by sale of power (in lakhs of rupees), 1956-57.

Detailed classification.	Urban.			Rural.			Total units.			Revenue by sale of power.		
	L.T.	H.T.	Total.	L.T.	H.T.	Total.	L.T.	H.T.	Total.	L.T.	H.T.	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1 Domestic Light and Power.	54.934	0.946	55.880	21.057	0.120	21.177	75.991	1.066	77.057	176.90	1.01	177.91
2 Commercial Light and Power.	16.793	15.276	32.069	3.589	2.312	5.901	20.382	17.588	37.970	25.29	10.69	35.98
3 Street Lights ..	3.770	4.116	7.886	3.907	..	3.907	7.677	4.116	11.793	16.52	2.90	19.42
4 Industrial ..	24.017	144.522	168.539	28.384	148.512	174.896	52.401	291.034	343.435	40.55	130.41	170.96
5 Agricultural ..	6.245	..	6.245	119.373	0.725	120.098	125.618	0.725	126.343	87.25	0.42	87.67
6 Traction ..	..	12.764	12.764	..	..	..	..	12.764	12.764	0.17	13.08	13.25
7 Bulk Supply ..	..	168.650	168.650	..	93.553	93.553	..	262.203	262.203	..	105.97	105.97
8 Government Departments.	6.696	2.805	9.501	0.254	9.098	9.352	6.950	11.993	18.943	11.36	2.94	14.30
9 Miscellaneous sales	2.168	14.382	16.550	1.959	0.435	2.394	4.127	14.817	18.944	5.20	9.03	14.23
Total ..	114.623	363.551	478.174	178.523	252.755	431.278	293.146	616.306	909.452	363.24	276.45	639.69
10 Inter-systems sales.	..	41.724	41.724	..	298.116	298.116	..	339.840	339.840	..	107.13	107.13
Grand total ..	114.623	405.275	519.898	178.523	550.871	729.394	293.146	956.146	1,249.292	363.24	383.58	746.82

APPENDIX Q.

Load and Revenue Statement.

Year.	Peak load (in KW.	Energy generated in millions of units.	Gross revenue.
(1)	(2)	(3)	(4)
			RUPEES IN LAKHS.
1. PYKARA ELECTRICITY SYSTEM.			
1933-34 ..	3,150	10.9	4.4
1934-35 ..	6,600	30.0	10.5
1935-36 ..	10,100	50.3	16.3
1936-37 ..	14,900	75.6	24.0
1937-38 ..	17,200	82.4	27.6
1938-39 ..	17,900	84.3 plus	16.18*
1939-40 ..	24,900	114.7 ..	3.81*
1940-41 ..	26,200	136.13 ..	0.67*
1941-42 ..	28,900	156.57 ..	0.03*
1942-43 ..	30,600	165.14 ..	2.38*
1943-44 ..	31,600	165.74 ..	7.78*
1944-45 ..	30,300 (a)	158.59 ..	2.86*
1945-46 ..	26,600 (b)(1)	173.11	1.27*
1946-47 ..	38,300 (a)	27,150 (b)	3.58†
1947-48 ..	37,800 (a)	145.0	3.4*
1948-49 ..	27,700 (b)	155.9	2.1†
1949-50 ..	38,600 (a)	208.2 plus	9.09*
1950-51 ..	32,050 (b)	222.86 ..	2.70†
1951-52 ..	42,800 (a)	227.80 ..	11.29*
1952-53 ..	35,600 (b)	242.01 ..	8.10†
1953-54 ..	42,900 (a)	220.75 ..	15.52*
1954-55 ..	44,000 (a)	220.75 ..	13.23†
1955-56 ..	45,100 (b)	220.75 ..	114.77
1956-57 ..	44,000 (a)	220.75 ..	84.563†
	50,200 (b)	199.488 ..	85.90†
	71,700 (a)	259.8145 ..	108.436†
	59,800 (b)	355.3545 ..	151.728†
	70,000 (a)	365.9152*	244.93
	71,200 (b)	147.9614†	
	73,000 (a)		
	79,500 (b)		

* Represents units purchased from Mettur.

† Represents units purchased from Papanasam.

Represents units generated at Moyar.

(1) Station peak while giving relief to other systems.

(2) Peak for the system load only.

(3) (1) System peak 26,600 KW. decreased due to the transfer of loads at Madurai and beyond to the Papanasam System in 1944-45.

APPENDIX Q—cont.

Load and Revenue Statement—cont.

Year.	Peak load in KW.	Energy generated in millions of units.	Gross revenue
(1)	(2)	(3)	(4) RUPEES IN LAKHS.
2. METTUR ELECTRICITY SYSTEM.			
1937-38	5,700	17.4	3.45
1938-39	7,700	44.0	11.93
1939-40	10,900	46.49	13.34
1940-41	12,300	60.42	18.19
1941-42	14,000	71.07	21.75
1942-43	23,400 (a) } 15,300 (b) }	81.45	24.00
1943-44	28,200 (a) } 16,000 (b) }	97.32	27.27
1944-45	26,120 (a) } 18,915 (b) }	104.92	30.78
1945-46	27,200 (a) } 19,400 (b) }	88.70* 23.68	34.39
1946-47	35,500 (a) } 23,850 (b) }	96.24* 17.85	39.47
1947-48	36,700 (a) } 29,700 (b) }	135.70* 13.31	48.14
1948-49	39,600 (a) } 35,800 (b) }	156.80* 27.38	62.05
1949-50	43,800 (a) } 38,700 (b) }	16.39* 13.84	70.32
1950-51	46,900 (†) } 41,000 (b) }	183.10* 9.86	85.97
1951-52	37,400 (a) } 45,700 (b) }	216.54	101.53
1952-53	31,400 (a) } 45,900 (b) }	137.62	101.36
1953-54	42,300 (a) } 48,300 (b) }	207.50	107.11
1954-55	45,500 (a) } 58,400 (b) }	245.416	138.60
1955-56	41,400 (a) } 69,500 (b) }	213.761	159.77
1956-57	43,700 (a) } 73,650 (b) }	253.9302	190.33

(a) Station peak while giving relief to other systems.

(b) Peak for the system load only.

* Represents Station peak with relief to Pykara.

† Represents Station peak with relief to Pykara and Madras.

APPENDIX Q—cont.

Load and Revenue Statement—cont.

Year.	Peak load in KW.	Energy generated in millions of units.	Gross revenue.
(1)	(2)	(3)	(4) RUPEES IN LAKHS.
3. PAPANASAM ELECTRICITY SYSTEM.			
1944-45	8,700	21.265 plus	21.979 * 12.09
1945-46	9,800	47.21	7.78 * 17.09
1946-47	14,000	52.62	5.49 * 19.50
1947-48	15,000	64.62	2.52 * 23.40
1948-49	18,000	71.68	17.045 * 29.15
1949-50	20,000	79.84	16.64 * 35.77
1950-51	20,500	99.27	8.40 * 41.00
1951-52	23,700	120.4	15.47† 53.96
1952-53	22,000	85.66	19.81† 54.52
1953-54	22,300	92.17	23.67† 57.74
1954-55	26,300	109.30	37.3183† 75.16
1955-56	28,400	119.856	28.417† 86.66
1956-57	28,000 (a) } 35,700 (b) }	84.5291	50.841† 114.53

* Represents units purchased from Pykara.

† Represents units generated at Madurai Thermal Station.

(a) Station peak while giving relief to other systems.

(b) Peak for the system load only.

4. MADRAS ELECTRICITY SYSTEM.

1947-48	21,900*	54.95*	40.75 *
1948-49	25,400	102.07	80.04
1949-50	24,700†	108.00	94.03
1950-51	27,800	120.79	116.13
1951-52	29,300	135.56	139.59
1952-53	30,200	152.17	153.92
1953-54	30,600	152.99	173.45
1954-55	36,500	171.498	204.56
1955-56	38,600	183.256	224.77
1956-57	49,400 (a) } 45,000 (b) }	232.288	263.64

(a) Station peak while giving relief to other systems.

(b) Peak for the system load only.

* The figures refer only to the period 29th August 1947 to 31st March 1948.

† Reduction in peak due to peak load restrictions.

APPENDIX R.

Number of consumers and connected load statement as on 31st March 1957.

Description of load.	Departmental.		Municipalities.	
	Number of consumers.	Connected load in K.W.	Number of consumers.	Connected load in K.W.
(1)	(2)	(3)	(4)	(5)
(1) PYKARA ELECTRICITY SYSTEM.				
I. High Tension—				
1 Textiles	65	57,585	..	..
2 Cement	1	7,725	..	..
3 Oil and Industries	5	482	..	..
4 Cordite Factory	1	1,628	..	..
5 Tea Estates	56	6,759	..	..
6 Bulk supply to Kerala	1	..	..	..
7 Municipalities	2	13,512	..	..
8 Miscellaneous	14	4,123	2	138
9 Sugar Industries	1	31	..	..
10 Water work	1	130	..	..
11 Government Departments ..	16	4,163	..	..
12 Agriculture	1	85	..	..
13 Commercial and non-industrial.	1	492	..	..
Total ..	165	96,965	2	138

II. Low Tension—

1 Industries	1,463	15,428	561	4,534
2 Agriculture	16,319	71,554	178	818
3 Domestic Light and Power.	55,065	29,076	11,119	5,548
4 Commercial Light and Power.	2,225	436	3,733	3,466
5 Street lights	142	718	4	327
6 Water works	3	5	1	1
7 Miscellaneous	10	4	310	70
8 Railways	22	189	4	24
Total ..	75,239	1,17,410	15,910	14,788
	165	96,965	2	138
Grand total ..	75,404	2,14,105	15,912	14,926

APPENDIX R—cont.

Number of consumers and connected load statement as on 31st March 1957—cont.

Description of load.	Departmental.		Municipal.		Licensees.	
	Number of consumers.	Connected load in K.W.	Number of consumers.	Connected load in K.W.	Number of consumers.	Connected load in K.W.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
(2) METTUR ELECTRICITY SYSTEM.						
I. High Tension—						
(a) Textiles ..	5	2,891	..	..	5	4,541
(b) Cement ..	..	..	..	..	2	6,126
(c) Lignite mines ..	2	5,871	..	..	..	..
(d) Chemicals ..	2	6,588	..	..	2	1,154
(e) Oil ..	3	378	..	..	3	252
(f) Steel ..	..	..	..	..	1	2,400
(g) Licensees ..	28	144,791	..	..	..	..
(h) Municipal ..	2	5,390	..	..	..	..
(i) Water-works ..	3	447	1	102	4	167
(j) Government departments.	5	752	..	..	2	6,537
(k) Sugar ..	1	980	..	..	2	890
(l) Railways ..	4	6,012	..	..	1	43
(m) Metal works ..	1	432	..	..	..	..
(n) Miscellaneous ..	12	2,588	..	..	22	6,742
Total ..	68	177,120	1	102	44	28,852

II. Low Tension—

(a) Industrial ..	1,744	17,218	185	1,965	3,663	38,410
(b) Irrigation and Agricultural.	12,951	50,155	20	94	6,260	25,511
(c) Domestic heat and power.	41,866	20,776	4,622	1,845	93,635	42,211
(d) Commercial lighting.	4,565	1,449	2,570	1,035	15,734	6,925
(e) Public lighting ..	534	595	2	176	883	1,547
(f) Public water ..	5	83	1	15	161	937
(g) Government departments.	8	391	55	158	413	1,199
(h) Miscellaneous ..	48	547	..	..	73	1,199
Total ..	61,721	91,214	7,455	5,288	120,822	115,939
	68	177,120	1	102	44	28,852
Grand total ..	61,789	268,334	7,456	5,390	120,866	144,791

APPENDIX R—cont.

Number of consumers and connected load statement as on 31st March 1957—cont.

Description of load.	Departmental.		Municipal.		Licensees.	
	Number of consumers.	Connected load in K.W.	Number of consumers.	Connected load in K.W.	Number of consumers.	Connected load in K.W.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
(3) PAPANASAM ELECTRICITY SYSTEM.						
I. High Tension—						
(a) Textiles	28	11,775	5	504.489	5	4,678
(b) Cement	1	2,589	..	..	..	..
(c) Oils	10	1,180	..	..	..	..
(d) Chemicals	1	250	2	118.700	..	..
(e) Agricultural	3	184	..	..	..	..
(f) Licensees	2	18,487	..	..	..	..
(g) Municipalities	1	20,457	..	..	..	..
(h) Government departments.	3	671	..	..	..	..
(i) Water-works	1	83	1	264.852	..	..
(j) Railways	2	219	1	215.745	..	..
(k) Miscellaneous	2	52	4	394.395	..	..
(l) Other Industries	..	..	3	536.731	3	386
(m) Cinemas	..	..	2	135.507	..	..
(n) Industrial	..	..	..	..	..	..
(o) Domestic	..	..	..	..	..	..
(p) Street lights	..	..	..	..	..	..
Total ..	54	55,947	18	2,170.419	8	5,064

II. Low Tension—

(a) Textiles	..	..	..	..	..	..
(b) Cement	..	..	..	..	..	..
(c) Oils	27	646	..	..	13	263
(d) Chemicals	..	..	..	..	..	..
(e) Agricultural	5,102	16,481	34	116.859	94	420
(f) Licensees	..	..	..	..	..	..
(g) Municipalities	..	..	..	..	..	..
(h) Government departments	..	..	..	..	..	..
(i) Water-works	..	..	1	32.0	..	..
(j) Railways	31	109	2	3.2	1	10
(k) Miscellaneous	..	..	..	..	..	..
(l) Other Industries	..	..	498	3,052.181	491	4,236
(m) Cinemas	10	72	11	295.10	10	106
(n) Industrial	1,207	11,008	..	..	..	..
(o) Domestic	60,557	28,162	20,239	10,918.668	14,985	6,869
(p) Street lights	469	743	1	638.080	268	270
Total ..	67,403	57,221	20,786	15,056.088	15,862	12,174
	54	55,947	18	2,170.419	8	5,064
Grand total ..	67,457	113,168	20,804	17,226.507	15,870	17,338

APPENDIX R—cont.

Number of consumers and connected load statement as on 31st March 1957—cont.

Description of load.	Number of consumers.	Connected load in K.W.
(1)	(2)	(3)
(4) MADRAS ELECTRICITY SYSTEM.		
I. High Tension—		
1 Textiles	3	8,994.650
2 Oil Industries	3	922.690
3 Other Industries and Miscellaneous	101	19,455.459
4 Water-works	3	1,280.120
5 Traction	1	25,484.199
6 Railways	5	721.000
7 Street lighting	1	..
Total H. T. Consumers ..	117	56,858.118

Description of load.	Urban.		Rural.		Total.	
	Number of consumers.	Connected load in K.W.	Number of consumers.	Connected load in K.W.	Number of consumers.	Connected load in K.W.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
II. Low Tension—						
1 Industrial including OHP.	8,678	20,917.204	243	2,768.816	8,921	23,686.020
2 Irrigation and Agricultural.	..	..	5,125	22,032.147	5,125	22,032.147
3 Domestic HP. and L.	50,888	51,386.758	5,519	3,224.607	56,407	54,611.365
4 Commercial lighting	6,762	..	251	..	7,013	..
5 Public Lighting	162	276.106	76	55.090	238	331.196
6 Miscellaneous	782	4,343.103	85	190.293	867	4,533.396
Total ..	62,222	76,923.171	11,299	28,270.953	73,521	105,194.124
Grand Total ..	..	..	..	..	117	56,858.118

APPENDIX S.

Statement of Transmission and Distribution lines.

ABSTRACT.

Total length of lines in miles as on 31st March 1957.

	High tension.		Low tension.	
	(1)	(2)	(3)	(4)
Pykara Electricity System ..	..	2,389.599	..	4,143.905
Mettur Electricity System ..	..	2,988.700	..	2,902.232
Papanasam Electricity System ..	..	1,968.7282	..	2,444.0542
Madras Electricity System ..	..	1,263.466	..	1,500.594
Generation Circle, Erode ..	..	454.41	..	15.05
Grand total ..	..	9,064.9332	..	11,005.8382

Details are given below system wise —

Voltage.	Lines constructed during 1956-57.		Total at the end of 1956-57.	
	Single circuit in miles.	Double circuit in miles.	Single circuit in miles.	Double circuit in miles.
(1)	(2)	(3)	(4)	(5)
(1) PYKARA ELECTRICITY SYSTEM.				
110 KV.	..	..	..	25.00
66 KV.	..	..	30.308	181.00
33 KV.	..	32.1	46.800	..
22 KV.	..	158.146	927.256	90.685
11 KV.	..	166.638	1,043.920	44.630
Total ..	..	356.884	2,048.284†	341.315†
Total length of low tension lines ..	..	896.351	..	4,143.905*

* Excludes 254.451 miles of L. T. lines transferred to Mysore and Kerala States.

† Excluding 314.000 and 77.120 miles of H. T. lines transferred to Kerala and Mysore States, respectively.

APPENDIX S—cont.

Statement of Transmission and Distribution lines—cont.

Voltage.	(1)	Lines constructed during 1956-57.		Total at the end of 1956-57.	
		Single circuit in miles.	Double circuit in miles.	Single circuit in miles.	Double circuit in miles.
	(2)	(3)	(4)	(5)	
(2) METTUR ELECTRICITY SYSTEM.					
110 KV. ..	..	97.0	..	175.000	18.000
66 KV. ..	..	108.25	..	476.950	89.500
33 KV. ..	..	2.40	..	240.700	..
22 KV. ..	..	52.815	..	604.621	..
11 KV. ..	..	286.740	..	1,361.379	1.800
6.6 KV. ..	..	..	..	20.75	..
Total ..	..	547.205	..	2,879.400†	109.300†
Total length of low tension lines ..	..	670.049	..	..	2,902.232*

* Includes 135.5 miles of low tension lines taken over from the licensees.
 † Includes 139.8 miles of H.T. Lines taken over from the licensees.

(3) PAPANASAM ELECTRICITY SYSTEM.					
110 KV. ..	..	..	..	..	..
66 KV. ..	..	1.22	..	185.220	125.430
33 KV. ..	..	0.460	..	44.120	..
22 KV. ..	..	2.3	..	195.540	..
11 KV. ..	..	273.3222	..	1,326.1382	10.08
6.6 KV. ..	..	..	..	52.0	..
3.3 KV. ..	..	..	..	30.2	..
Total ..	..	277.3022	..	1,833.2182†	135.510†
Length of low tension lines ..	..	503.8480	..	..	2,444.0542*

* Includes 287.277 and 171.94 miles of L. T. lines taken over from Nagercoil area and licensees respectively.
 † Includes 157.314 and 79.5 miles of H. T. lines taken over from Nagercoil area and licensees respectively.

(4) MADRAS ELECTRICITY SYSTEM.					
		Lines constructed during 1956-57.	Total at the end of 1956-57.		
110 KV. ..	..	..	50.542		
33 KV. ..	..	..	248.443		
33 Underground ..	..	32.630	4.707		
11 KV. ..	..	..	745.665		
11 Underground ..	..	379.949	69.569		
6.6 KV. ..	..	9.385	15.620		
6.6 Underground ..	..	2.4	0.6		
5 KV. ..	..	..	4.863		
5 Underground ..	..	0.020	123.457		
	..	0.050			
Total ..	..	424.434	1,263.466		
Length of low tension lines ..	..	304.646	1,130.454		
Length of low tension lines underground ..	..	40.809	370.140		
Total ..	..	345.455	1,500.594		

(5) GENERATION CIRCLE, ERODE.

Total length of lines at the end of 1956-57.					
		Single circuit in miles.	Double circuit in miles.		
110 KV. ..	..	..	..		
110/66 KV. ..	..	49.00	198.71		
66 KV. ..	..	26.00	..		
22 KV. ..	..	..	47.00		
11 KV. ..	..	72.5	..		
	..	29.2	37.00		
Total ..	..	176.7	277.71		
Total length of low tension lines ..	..	15.04	..		



PUBLIC WORKS DEPARTMENT

(Electricity)

G.O. No. 1466, 21st May 1958

Electricity Department—Administration Report for 1956-57—Recorded.

READ—the following paper :—

Letter from the Chief Engineer (Electricity), dated the 28th June 1957,
 No. 1-Ad./56-77.

Order—No. 1466, P.W. (Electricity), dated the 21st May 1958.

Recorded.

2. This is the thirtieth Annual Report of the Government Electricity Department covering the progress of the department during the year 1956-57. This report has a special significance in that it will be the last report of the Government Electricity Department which has been in existence for the past thirty years, as the Madras State Electricity Board constituted under the provisions of the Electricity (Supply) Act, 1948 (Central Act 54 of 1948), has taken over the administration of the Department with effect from the 1st July 1957.

3. The year is the first year of the Second Five-Year Plan. The following spill-over schemes (from the First Five-Year Plan) and new schemes were in various stages of progress during the year :—

Spill-over schemes.

- (i) Madras Plant Extensions III Stage.
- (ii) Periyar Hydro-Electric Scheme.
- (iii) Transmission and Distribution Scheme.
- (iv) Acquisition of Electrical Undertakings.

New schemes.

- (v) Kundah Hydro-Electric Scheme.
- (vi) Transmission and Distribution Project.
- (vii) Improvements to existing power houses, transmission lines and sub-stations.
- (viii) Investigation of new schemes.

4. The aggregate demand for power during the year under review was 233.85 M.W. as against 208.62 M.W. in 1955-56, and the total number of units generated was 1,135.20 million units as against 1,054.63 million units in 1955-56. The total capital outlay on schemes which have come into operation at the end of the year was Rs. 5,873 lakhs as against Rs. 4,603.26 lakhs at the end of 1955-56. The gross revenue realized by the Department during the year was Rs. 813 lakhs as against Rs. 703.08 lakhs in 1955-56, and the net revenue Rs. 303 lakhs as against Rs. 253 lakhs during 1955-56. The net profit earned by the department during the year after meeting interest charges was Rs. 66 lakhs or 1.1 per cent on the capital outlay as against 65.74 lakhs or 1.4 per cent in 1955-56. The units generated at the various stations were as follows :—

	Year of operation.	Number of units generated (in millions).
Hydro Stations—		
1 Pykara	Twenty-fourth.	365.91
2 Moyar	Fifth ..	147.96
3 Mettur	Twentieth ..	253.93
4 Papanasam	Thirteenth ..	84.53
Thermal (Steam) Stations—		
5 Madras	Tenth ..	232.29
6 Madurai	Seventh ..	50.58
	Total ..	1,135.20

5. Capital expenditure during the year on projects and extensions under construction totalled to Rs. 1,347.1 lakhs which is a record figure in the present Madras State. The following major construction works were completed during the year :—

- (i) The permanent Singanallur S.S. with one No. 5 M.V.A. 66/11 K.V. transformer was commissioned in February 1957.
- (ii) The Singarapet-Vellore 66/KV line was energised on the 16th September 1956.
- (iii) The Singarapet-Villupuram Second line was charged at 110 K.V. on the 8th October 1956 with the commissioning of one 12 M.V.A. auto at Villupuram S.S.
- (iv) The following 33 K.V. lines were energised in the Madras system :—
 - (a) Madurantakam-Nigumbal.
 - (b) Chingleput-Thirukashikundram.

- (c) Chingleput-Madurantakam.
- (d) Poonamallee-Guduvancheri.

(v) A 1,000 K.V.A. 11 K.V. booster was commissioned at Sholavandan to improve the tail end voltage.

6. The following electrical undertakings (all company owned) were taken over by the Government under the provisions of the Madras Electricity Supply Undertakings (Acquisition) Act, 1954 :—

- (i) Karaikudi Electrical Undertaking.
- (ii) Nevakottai Electrical Undertaking.
- (iii) Nattarasankottai Electrical Undertaking.
- (iv) Kanadukathan Electrical Undertakings.
- (v) Pudukottai Electrical Undertaking.
- (vi) Pudukottai State Electrical Undertaking.
- (vii) Ponnamaravathi Electrical Undertaking.
- (viii) Ramachandrapuram Electrical Undertaking.
- *(ix) Mangalore Electrical Undertaking.

7. Due to inadequate storages in the Hydel reservoirs, a cut of 25 per cent in power supply on all non-essential loads was imposed with effect from the 1st April 1956. The percentage of cut which gradually increased was entirely removed on the 29th June 1957.

8. The surcharges in force on consumers in the hydro-electric and Madras Electricity Systems were continued during the year.

9. The restriction and control and freezing orders continued to be in force.

10. Rural electrification in the State received considerable impetus and the priority given for agricultural pumping was continued. Twelve thousand five hundred and fifty-three pumpsets were connected up by the Department and 669 by the licensees during the year, as against 7,962 by the Department and 514 by the licensees during 1955-56. This is a record achievement in the history of the Department. Supply was extended by the Department to 1,279 villages and towns during the year as against 870 in 1955-56, and 62 villages and towns by the licensees during the year as against 75 during the previous year.

11. The route mileage of Government transmission and distribution net work increased by 4,021.528 miles during the year under review recording an increase of 14 per cent. The total mileage of the departmental transmission and distribution lines in operation during the year was 20,071 (comprising 9,065 miles of H.T. lines and 11,006 miles of L.T. lines) as against 15,471 for 1955-56 (comprising 7,343 miles of H.T. lines and 8,128 miles of L.T. lines).

* Since transferred to Mysore State, due to States Reorganisation.

iv

No. 1466, P.W. (ELECTRICITY), 21st MAY 1958

12. The Governor of Madras places on record his appreciation of the continued good work done by the Electricity Department during the year.

T. A. VARGHESE,
Secretary to Government.

To the Chief Electrical Inspector to Government.

„ Madras State Electricity Board (with covering letter).

„ Chief Engineer (Electricity).

„ Public Department.

Copy to the Industries, Labour and Co-operation Department (H Section).

„ Public (Planning and Development II) Department.

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