TAMIL NADU ELECTRICITY BOARD GAZETTE

Vol. XI JUNE 1992 No. 6



CONTENTS

-	PART—I ~NEWS & MOTES		_		Pag (v
	PART—II				
- q	GENERAL ADMINISTRATION & SERVICES PART—III		~ .	•••	329
·· •	FINANCE	-	-	***	355
- 4 ,	PART—IV TECHNICAL	-	-		377
	INDER				400

News & Notes

PART-I

NEWS & NOTES

I. Generation Particulars:

The generation/relief figures for June '92 and for the period July, 91 to June '92 were as follows:

SI. No.		June '9 2	July '91 to June '9:		
		(Figs. in Million Units)			
1.	Ennore	225.352	2009.893		
2.	Tuticorin	419.250	4014.687		
3.	Mettur	403.410	3989.860		
	TNEB Thermal	1048.012	10014.440		
4.	Neyveli TS I	141.280	2764.759		
5.	Neyveli TS II	278.52 4	3637.632		
6.	Kalpakkam	183.755	2061.596		
7.	Hydro Generation	423.249	4739.879		
8.	Import from NTPC	5.169	1619.970		
9.	Net Export to Kerala	(—) 50.407	(—) 1524.910		
10.	Import from Manali & BHEL	1.346	6.336		
11.	Narimanam	_	1,531		
12.	Windmills	5.486	25.3 38		
13.	Kadamparai Pumping	` -	_		
	Net TNEB Consumption	2036.414	23346.570		

The maximum grid demand and consumption during June '92 were 3500 MW on 25-6-92 and 73.529 MU on 26-6-92 respectively. The average grid consumption in June '92 was 67.880 MU per day

The monthwise details of generation/relief figures for the water year July '91 to June '92 are furnished in Annexure-1.

II. Hydro inflows:

The hydro inflows in June '92 were 1074 MU against 793 MU in June '91 and against the ten year average of 446 MU. The inflows during July '91 to June '92 were 3999 MU against 3289 MU during the same period last year and against the ten year average of 3001 MU.

The monthwise inflow equivalent in MU for the past ten years is furnished in Annexure-II.

III. Storage position:

The storage position in various reservoirs as on 1-7-92 when compared to the storage on 1-7-91 was as follows:-

SI.		Storag	e as on	
No.	Group	1-7-92	1-7-91	Difference
		(Figs. in M	illion Units)	
1. Nilgi	ris	979.36	434.82	(+) 544.54
2. PAP		130.77	101.99	(+) 28.78
3. Periy	ar	83.18	52.18	(+) 31.00
4. Suru	liyar	2.98	11.97	(—) 8.99
5. Papa	nasam & Servalar	1081	48.25	() 37.44
6. Koda	yar	81.21	108.43	(—) 27. 2 2
Tota	excluding Mettur	1288.31	757.64	(+) 530.67
Mett	_	103.86	29.214	74.646
Tota	- I including Mettur	1392.17	786.854	605.316

IV. Performance of Thermal Stations:

(i) Tutlcorin (5 x 210 MW)

The details of generation at Tuticorin during June '92 were as follows:

Unit	Availability Factor (%)	Generation (M.U.)	Plant Load Factor (%		
I (210 MW)	90.1	136.81	90.48		
II (210 MW)	88.6	130.72	86.46		
III (210 MW)	81.9	122.46	80.99		
IV (210 MW)	_	29.26	19.4		
V (210 MW)	_	_	_		
Station (1050 MW)	- .	419.25	85.98		

Units IV & V shut down on 11-2-92 and 29-7-91 respectively for completing the balance erection works.

(ii) Ennore (2 \times 60 MW + 3 \times 110 MW)

During June 92 Ennore generated 225.352 MU with a Plant Load Factor of 69.55%. The unitwise generation is as follows:—

Unit	Availability Factor (%)	Generation (M.U.)	Plant Load Factor (%)
1 (60 MW)	86.18	33.849	78.35
II (60 MW)	93. 2 8	36.982	8 5.6 1
III (110 MW)	65.42	36.466	46.04
IV (110 MW	•	56.103	70.84
V (110 MW	•	61.952	78.22
Station (450 MW		225,352	69.55

(iii) Mettur (4 x 210 MW)

The unitwise generation details at Mettur during June '92 were as follows:-

Unit	Availability Factor (%)	Generation (MU)	Plant Load Factor (%)
. (210 MW)	98.62	146.55	96.92
II (210 MW)	25.78 9 5.42	37.02 140.30	2 4.48 92. 79
III (210 MW) IV (210 MW)	55.14	79.54	52.61
Station (840 MW)	_	403.41	66.70

(iv) Coal particulars for June '92

SI. No.	Details	Tuticorin	Ennore	Mettur
1. Coal link 2. Coal rece 3. Coal con 4. Coal stoo	ipts (,,) sumption (,,) ck as on (,,)	3.50 3.37 2.56 2.93	2.10 1.73- 2.14 0.68	3.60 2.98 3.06 0.87
30—6—9 5. Coal con	sumption (Kg/unit)	0.656	0.950	0.758

(v) Auxiliary consumption and oil consumption :

The details of auxiliary consumption and oil consumption at TNEB thermal stations during June '92 were as follows:—

	Tuticorin	Ennore	Mattur
Auxiliary consumption (%) Oil consumption (ML/unit)	7.7	11.10	8.31
	3.88	2.90	1.395

V. Coal linkages for thermal stations and receipts:

The monthly coal linkages and receipts at TNEB thermal stations during July '91 to June '92 are furnished in Annexure—III.

VI. Power Forecast for July '92 to June '93:

The unrestricted requirement of power for the period July '92 to June '93 is estimated at 25518 MU while the availability at 23801 MU leaving a deficit of 1717 MU (4.70 MU per day).

The monthwise projected requirement and availability are furnished in Annexure IV.

VII. Overhaul Programme:

The overhaul programme of thermal sets during the period July '92 to June '93 is furnished in Annexure V and in chart.

VIII. Training:

The following special programmes were conducted during June '92:-

- (1) Two Executive Engineers deputed for Simulator Training in O&M Receiving Stations conducted by M/s. Tata Projects Limited, Bombay from 15—6—92 to 26—6—92.
- (2) Two Assistant Executive Engineers deputed for the course on "Computer Modelling of Water Resources Systems" conducted by Indian Institute of Technology/Madras from 15—6—92 to 27—6—92.

- (3) Two Assistant Engineers deputed for the course on "Power System Protection" conducted by Power Systems Training Institute/Central Electricity Authority/Bangalore from 25-5-92 to 6-6-92.
- (4) Twenty officials from Tamil Nadu Electricity Board deputed for the training on "Personal Computers" conducted by M/s. AIMS Computer Services, Madras from 16—6—92 to 20—6—92.
- (5) One Executive Engineer deputed to France for the training as Part of Transfer of knowledge in the field of Modernised Distribution Control Centre (DDC) in France.
- (6) Training programme on "Materials Management" conducted for Assistant Engineers at Staff Training College/Madras from 24—6—92 to 30—6—92.
- (7) Six officers deputed for the training programme on "Pre-retirement Counselling" conducted by Anna Institute of Management from 3-6-92 to 5-6-92.
- (8) Eight Personnal Clerks of Tamil Nadu Electricity Board deputed for the training programme on 'Productivity Orientation Programme for Personal Secretaries' by Anna Institute of Management from 3-6-92 to 5-6-92.
- (9) 10 Regular Work Establishment staff deputed for the 44th four months course on training in Live Line Maintenance Techniques from 15-6-92 to 14-10-92 conducted by Hot Line Training Centre, Bangalore.
- (10) Director of Training deputed for the training on "ISO 9000—International, Madras Standards for quality systems" conducted by Madras Institute of Quality Development on 27—6—92.

XI. Government of India's Meritorious Productivity Award for Ennore Thermal Fower Station for 1990:

The Board in B.P. (FB) No. 140 (Tech. Branch) dt. 2—6—92 has sanctioned the distribution of Rs. 2.0 lakks received from the Government of India to the staff for Ennore Thermal Power Station towards the Meritorious Productivity Reward for the calender year 1990.

X. Delegation of powers to Chief Engineers (Distribution) and Superintending Engineers (Distribution):

In B.P. (Ch.) No. 106 (Tech. Branch) dt. 1—6—92, the Board has delegated powers to CEs (Distribution) and SEs (Distribution) in regard to purchase of stores as below:—

CE	s (Distribution)	SEs (Distribution)
1,		To procure stores materials during 1992—93 under each Purchase Order not exceeding Rs. 75,000/- but limiting the total value of such purchases to the budget allocation.
2.		To procure grills for RCC poles without monetary limit during 1992—93.
3.	•	To arrange transport of line materials through contractors if necessary during 1992—93.

- 4. To procure nine items of line materials upto 31-3-92 following institutional priority.
- To procure seven items of stores by exercising powers vide B.P. (FB) No. 17 (Accts. Branch) dt. 5—8—91.
- 6. To procure 11 KV strain disc hardwares upto 30 9-92.
- 7. To procure 4' x 40W tube lamps for use in Offices and substations upto 30-6-92.
- 8. To produre chokes for use in offices and substations for 1992-93.

CEs (Distribution)	SEs (Distribution)
9.	To procure C type Boxes during 1992—93 from priority institutions.
10.	To purchase all items of stores not ordered by CE/Materials Management with specific approval of CE (Distribution).
11.	To procure 67 items and 10 items meant for Madras Electricity Distribution Circles by the respective Superintending Engineers during 1992-93.

xi. Ennore - Grant of Annual Thermal Incentive Bonus:

In B.P. (Ch.) No. 86 (Sectt. Branch) dt. 5-6-92, the Board has sanctioned Annual Thermal Incentive Bonus to the Officers and workmen of Ennore Thermal Power Station for the year 1991-92 for achieving the annual average output corresponding to 4165 KWh/KW.

xii. Thermal Power Stations - Stagnation - Upgradation of posts:

In B.P. (FB) No. 15 (Adm. Branch) dt. 8—6—92, the Board has issued orders upgrading certain posts in order to relieve stagnation in the R. W. E. cadre in thermal power stations of Ennore and Tuticorin.

xiji. Tariff for Agriculture:

In G.O. Ms. No. 794 (PWD) dt. 2-6-92, the Government has ordered a tariff rate of Rs. 100/- per HP per annum in respect of farmers other than small farmers effective from 2-6-92.

xiv. Sanction of additional load/installation of air compressors in agricultural services without applying name transfer:

In Memo. No. SE/IEMC/EE3/AEE2/D84/92 dt. 9-6-92, the Board has ordered that for sanctioning additional loads and installation of air compressors in agricultural services, legal proof of ownership need not be insisted and it is enough if the applicant produces a certificate from the Tahsildar that he is the actual enjoyer of the land and furnishes an indemnity bond.

xv. Incentive for persons in Hydro Stationa:

In B.P. (FB) No. 162 (Tech, Branch) dt. 22—6—92, the Board has sanctioned incentive for persons working in certain hydro stations with effect from 1—12—92.

xvi. Extension of time for merger of services:

In Memo. No. 636/IEMC /EE (T)/Tariff I (2)/91-3 dt. 23—6—92, the Board has extended the time upto 30—6—93 for merger of services of certain consumers.

xvii. Power Engineers Hand Book-Financial **asistance by Board:

In B.P. (FB) No. 18 (Adm Branch) dt. 24—6—92, the Board has sanctioned Rs. 3.0 lakhs as assistance to TNEB Engineer's Association for publication of Power Engineers Hand book.

xviii. Windfarm - Cash award :

The Board in B.P. (FB) No. 156 (Tech. Branch) dt. 19-6-92 has issued orders for disbursement of Rs. 75,000/- received from the Government of India/Department of Non-conventional Energy Sources for each of the years 1989-90 and 1990-91 towards the first prize for best capacity utilisation in windfarm projects as below:—

- (a) Rupees one takh for providing common facilities for the maintenance staff of Windfarm like water coolers, indoor game materials in each windfarm.
- (b) Rs 50,000/- to be distributed for the O & M and construction circles employees of the Wind Energy Development Cell.

xix. Energisation of pumpsets during 1992-93:

Based on Government Order Ms. No. 875 (PWD) dt. 19-6-92, the Board in Memo. No. SE/IEMC/EE3/AEE2/D 105/92 dt. 30-6-92 has issued working instructions in regard to energisation of 40,000 pumpsets during 1992-93.

xx. Promotion-Employees against whom DP is pending:

In Memo. No. 12146/P1/92-1 dt. 26—6—92, the Board has instructed that the authority should not leave a section of employees without consideration for promotion just for the reason that DPs are pending against them.

ANNEXURE—I

Power Generation in 1991—92 (Water year) Figs. in M. U.

S.No	o. Source	July '91	Aug. '91	Sep. '91	Oct. '91	Nov. '91	Dec. '91	Jan. '92
1.		387.522	696.198	496.469	471.332	372.204	424.633	251.600
2.	Ennore	171.970	1 3 5.6 3 2	135.963	135.598	166.723	136,771	140.094
3.	Tuticorin	355.020	192,130	271.190	166.010	262.840	297.327	372.200
4.	Mettur	317.910	141.480	195.420	248.800	171.940	304.200	371.280
5.	T.N.E.B. Therma	_	469.242	602.573	550,408	601.503	738.298	883.574
6.	Neyveli TS I (Relie		217.641	253.124	226.039	236,205	298,199	2 72.190
	Neyveli TS II (Reli			270.550			62.244	363.77 2 *
8.	MAPP (Relief)	96.085		158.566	194.935			201,220
9.	NTPC (Import)	138.352		203 790	154.871	256.856	277.204	190.166
10.	Net Export to							
11.	(a) Karnataka		_	_	` -	_	_	-
12.		(-) 11 4 8 3 4	(-) 92.536	(-)136.684 ((-) 173.9 97	(-)168.574	(-)120.019	(-)182.686 ⁻
3.	BHEL & Manali	0.430	0.005	0.015	0.006		0.396	0.663
14.	Windmill	4.249	4.326	2.420	1.554	0.821	1,153	1.551
15	Gas Turbine	_		_	-		_	0.368
16.	Kadamparai Pun	nping —					_	
	Nett TNEB							
	consumption	1928. 2 48	1891. 754	1850.823	1798.053	1561.377	1848.268	1982.418

S.No	. Source	Feb. '92	Mar. '92	Ap r . '92	May '92	June '92	Total
1.	Hydro	2 78.888	380.794	298.710	258 280	423.249	4739.879
2.	Ennore	132.013	199.450	185.968	2 44.3 59	2 2 5.352	2009.893
3.	Tuticorin	391.445	426.960	430.275	430.040	419.250	4014.687
4.	Mettur	418.140	406.740	513.930	4 96,610	403.410	3989.860
5	T.N.E.B. Thermal	941.598	1033.150	11 30.173	1171.009	1048.012	10014 44
6.	Neyveli TS I (Relief)	24 6. 785	253.617	158.955	174.717	141.280	2764.757
7.	Neyvell TS II (Relief)	391.479	400.110	382.230	418.808	278. 52 4	3637,632
8.	MAPP (Relief)	173.010	178.210	194.360	162.055	183,755	2061.596
9.	MTPC (Import)	152,364	93,121	87.667	(-) 34.118	5.169	1619.971
10.	Net Export to						•
11.	(a) Karnataka	-			_	_	
12.	(b) Kerala	(-) 162.215	(-) 145. 4 1	(-) 130.609	(-) 46.94	(-)50.407	(-)1524.911
13.	BHEL & Manali	1.281	0.593	0.536	1.065	1.346	6.336
14.	Windmill	0.371	0.350	0.815	2.244	5 .48 6	2 5.3 40
15.	Gas Turbine	0.911	0.251	_	_	– .	1.58 0
16.	Kadamparai Pumping		_		_		
	Nett TNEB consumption	2024. 4 7 2	2194.786	2122,837	2 107.120	2036.414	23346.570
				_ = = =			

Annexure—II

Inflow equivalent (MU)

1. 1982—83 575 708 207 152 298 114 44 22 15 10 32 311 248 2. 1983—84 635 790 381 242 218 199 154 182 234 77 37 621 3770 3. 1984—86 1110 417 262 399 193 127 114 61 34 51 28 872 3658 4. 1986—86 483 487 238 180 234 162 66 50 54 33 32 447 2446 6. 1986—87 474 1236 204 200 225 135 66 50 23 16 34 150 278 3474 7. 1986—89 474 1236 204 200 225 135 246 17 31 16 34 410 32 31 <t< th=""><th>SI. No.</th><th>Year</th><th>July</th><th>Aug</th><th>Sept</th><th>Oct</th><th>Nov</th><th>Dec</th><th>Jan</th><th>Feb</th><th>Mar</th><th>April</th><th>May</th><th>June</th><th>Total</th></t<>	SI. No.	Year	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	Total
1983—84 635 790 381 242 218 199 154 182 234 77 37 621 1984—86 1110 417 262 399 193 127 114 51 34 51 28 872 1986—86 483 487 238 180 234 162 60 54 33 32 36 447 1986—87 474 1236 204 200 225 136 66 50 53 16 34 150 1986—87 474 1236 204 205 226 136 66 50 23 16 47 49 22 213 1989—90 1859 560 355 303 239 123 182 27 24 17 41 48 22 33 1991—92 1444 780 222 334 129 27 45 45 <t< td=""><td>÷</td><td>1982—83</td><td>575</td><td>708</td><td>207</td><td>152</td><td>298</td><td>. 114</td><td>44</td><td>22</td><td>15</td><td>10</td><td>32</td><td>311</td><td>2488</td></t<>	÷	1982—83	575	708	207	152	298	. 114	44	22	15	10	32	311	2488
1985—86 110 417 262 399 193 127 114 51 34 51 28 872 1985—86 483 487 238 180 234 162 60 54 33 32 36 447 1986—87 474 1236 204 200 225 136 66 20 23 16 34 150 1988—89 873 576 615 180 166 72 24 17 31 16 18 359 1989—90 1859 560 356 303 239 123 123 123 17 41 49 22 213 1990—91 546 73 24 17 31 16 18 359 1991—92 1444 780 222 334 287 129 27 15 45 45 45 45 45 45 46 25 <td>7</td> <td>1983—84</td> <td>635</td> <td>790</td> <td>381</td> <td>242</td> <td>218</td> <td>199</td> <td>154</td> <td>182</td> <td>234</td> <td>77</td> <td>37</td> <td>621</td> <td>3770</td>	7	1983—84	635	790	381	242	218	199	154	182	234	77	37	621	3770
1986—86 483 487 238 180 234 162 60 54 33 32 36 447 1986—87 474 1236 204 200 225 135 66 20 23 16 34 150 1988—89 155 399 185 347 236 266 54 37 14 49 22 213 1989—90 1859 660 356 303 239 123 182 27 32 17 118 359 1990—91 545 738 148 373 408 174 80 17 41 48 22 830 1991—92 144 780 222 334 287 159 27 15 45 45 45 45 46 32 410 5260 3 Total 815 669 282 271 150 81 44 46 </td <td>က်</td> <td>198485</td> <td>1110</td> <td>417</td> <td>262</td> <td>399</td> <td>193</td> <td>127</td> <td>114</td> <td>51</td> <td>34</td> <td>51</td> <td>28</td> <td>872</td> <td>3658</td>	က်	198485	1110	417	262	399	193	127	114	51	34	51	28	872	3658
1986—87 474 1236 204 200 225 135 66 20 23 16 34 150 1987—88 155 399 185 347 236 266 54 37 14 49 22 213 1988—89 873 576 615 180 166 72 24 17 31 16 18 359 1990—91 545 738 148 373 408 174 80 17 41 48 22 830 1991—92 1444 780 222 334 287 129 27 45 45 32 410 5260 3 Total 8153 6691 281 2710 2503 1501 805 442 457 323 410 5260 3	4	1985—86	483	487	238	180	234	162	09	54	33	32	36	447	2446
1987—88 155 399 185 347 235 266 54 37 14 49 22 213 1988—89 873 576 615 180 166 72 24 17 31 16 18 359 1989—90 1859 560 355 303 239 123 182 27 32 17 118 352 1990—91 545 738 148 373 408 174 80 17 41 48 22 830 1991—92 1444 780 222 334 287 129 27 15 7 63 1105 Total 8153 6691 2817 2710 2503 1501 805 442 457 323 410 5260 3	က်	1986—87	474	1236	204	200	225	135	99	20	23	16	34	150	2783
1988—89 873 576 615 180 166 72 24 17 31 16 78 73 17 18 359 1989—90 1859 560 355 303 239 123 182 27 32 17 118 352 1990—91 545 738 148 373 408 174 80 17 41 48 22 830 1991—92 1444 780 222 334 287 129 27 15 — 7 63 1105 Total 8153 6691 2817 2710 2503 1501 805 442 457 323 410 5260 32 Average 815 669 282 271 250 150 81 44 46 32 41 526	.9	1987—88	155	399	185	347	235	266	54	37	14	49	22	213	1976
1989—90 1859 560 355 303 239 123 182 27 32 17 118 352 1990—91 545 738 148 373 408 174 80 17 41 48 22 830 1991—92 1444 780 222 334 287 129 27 15 — 7 63 1105 Total 8153 6691 2817 2710 2503 1501 805 442 457 323 410 5260 3 Average 815 669 282 271 250 150 81 44 46 32 41 526 3	7.	1988—89	873	576	615	180	166	72	24	17	31	16	, 8	359	2947
1990—91 545 738 148 373 408 174 80 17 41 48 22 830 1991—92 1444 780 222 334 287 129 27 15 — 7 63 1105 Total 8153 6691 2817 2710 2503 1501 805 442 457 323 410 5260 3 Average 815 669 282 271 250 150 81 44 46 32 41 526 3	œί	1989—90	1859	260	355	303	239	123	182	27	32	17	118	352	4167
1991—92 1444 780 222 334 287 129 27 15 — 7 63 1105 Total 8153 6691 2817 2710 2503 1501 805 442 457 323 410 5260 3 Average 815 669 282 271 250 150 81 44 46 32 41 526	6	1990—91	545	738	148	373	408	174	80	17	41	48	22	830	3424
8153 6691 2817 2710 2503 1501 805 442 457 323 410 5260 3	10.	1991—92	1444	780	222	334	287	129	27	15	1	7	63	1105	4413
815 669 282 271 250 150 81 44 46 32 41 526		Total	8153	6691	2817	2710	2503	1501	805	442	457	323	410	5260	32072
		Average	815	699	282	271	250	150	81	44	46	32	41	526	3207

(xii)

Annexure-III

Coal linkages and receipts (Lakhs Tonnes)

Tutio	orin	.En	nore	M	ettur
Linkage	Receipt	Linkage	Receipt	Linkage	Receip
3.30	. 2.20	2.10	1.67	3.60	2.54
3.30	2.27	2.10	1.79	3.60	2.48
3.30	2.72	2.10	1. 3 8	3.60	2.12
3 .0 0	2.44	2.10	1.70	3.00	2.21
3.00	1.89	2.10	1.44	3.00	1.77
3.00	2.09	2.10	1.84	3.00	2.40
3.80	2 .48	1.90	1.56	3.00	2.50
3.80	2.33	1.90	1.63	3.00	2.76
3.80	2.62	1.90	1.87	3.00	3.02
3. 50	2.60	2.10	1.46	3 .6 0	2.58
3.5 0	3:23	2.10	1.48	3.60	2.88
3.50	3.37	2.10	1.73	3.60	2.98
40.80	30.24	24.60	19.55	39.60	30.24
	3.30 3.30 3.30 3.00 3.00 3.00 3.80 3.80	3.30 2.20 3.30 2.27 3.30 2.72 3.00 2.44 3.00 1.89 3.00 2.09 3.80 2.48 3.80 2.33 3.80 2.62 3.50 3.23 3.50 3.37	Linkage Receipt Linkage 3.30 2.20 2.10 3.30 2.27 2.10 3.30 2.72 2.10 3.00 2.44 2.10 3.00 1.89 2.10 3.80 2.09 2.10 3.80 2.48 1.90 3.80 2.62 1.90 3.50 2.60 2.10 3.50 3.23 2.10 3.50 3.37 2.10	Linkage Receipt Linkage Receipt 3.30 2.20 2.10 1.67 3.30 2.27 2.10 1.79 3.30 2.72 2.10 1.38 3.00 2.44 2.10 1.70 3.00 1.89 2.10 1.44 3.00 2.09 2.10 1.84 3.80 2.48 1.90 1.56 3.80 2.33 1.90 1.63 3.80 2.62 1.90 1.87 3.50 2.60 2.10 1.46 3.50 3.23 2.10 1.48 3.50 3.37 2.10 1.73	Linkage Receipt Linkage Receipt Linkage 3.30 2.20 2.10 1.67 3.60 3.30 2.27 2.10 1.79 3.60 3.30 2.72 2.10 1.38 3.60 3.00 2.44 2.10 1.70 3.00 3.00 1.89 2.10 1.44 3.00 3.80 2.09 2.10 1.84 3.00 3.80 2.48 1.90 1.56 3.00 3.80 2.33 1.90 1.63 3.00 3.80 2.62 1.90 1.87 3.00 3.50 2.60 2.10 1.46 3.60 3.50 3.23 2.10 1.48 3.60 3.50 3.37 2.10 1.73 3.60

Annexure—IV

Generation Forecast for 1992—93 (July to June)

(Figs. in MU)

Ennore Tuticorin	166 405	166	171										
	405		171	187	168	180	187	137	214	210	2 18	210	2214
14.44 Th	400	355	340	350	365	460	515	475	525	51 0	52 5	510	5335
Mettur Therma	al 420	410	300	295	320	325	375	380	350	4 2 0	410	410	4415
Neyveli TS 1	153	155	109	104	101	157	177	137	203	148	178	148	1770
Neyveli TS II													
(Share)	170	162	187	162	140	142	214	176	2 02	224	2 08	164	2151
MAPS (Share	60	60	101	121	121	121	121	60	60	121	121	121	1 1 88
NTPC (Share)	242	233	215	246	236	258	243	238	183	232	230	204	2 7 60
Gas Turbine		4	4	4	4	4	5	5	- 5	5	੍ 5	5	50
Hydro	394	348	4 2 8	358	121	25 2	156	445	482	280	274	3 52	3890
Others	5	4	3	2	1	1	2	2	1	1	3	. 3	28
Total											04.70		00004
av aila bility .	2015	1897	1858	18 2 9			1995		2225	2151			23801
Requirement	2161	2043	1999	1975	1718		2141		2371	2292			25518
Deficit	146	146	141	146	141	146	146	131	146	141	146	i 141 (4.70 MI	1717

ANNEXURE-V

MAINTENANCE PROGRAMME FOR 1992—93

	From	To	
Ennore	rom .	10	
Unit—1	13—12—92	10—2—93	Statutory Overhaul and R&M Works
Unit—2	14—9—92	12—11—92	Statutory Overhaul and R&M Works
Unit—3 Unit—4 Unit—5	1—2—93 1—7—92 13—11—92	2-3-93 13-9-92 12-12-92	Statutory Overhaul Capital Maintenance Statutory Overhaul
Tutlcorin			
Unit—1 Unit— 2 Unit—3 Unit—4	18-8-92 5-11-92 20-7-92 1-12-92	31-10-92 29-11-92 13-8-92 31-12-92	Capital Maintenance Statutory Overhaul Statutory Overhaul Statutory Overhaul
Mettur			
Unit—1 Unit—2 Unit—3 Unit—4	19-2-93 17-11-92 18-12-92 1-9-92	20-3-93 16-12-92 16-1-93 14-11-92	Annual maintenance Annual maintenance Annual maintenance Capital maintenance
M.A.P.S.			
Unit—2 Unit—1	1—7—92 1—2—93	31892 31393	
Neyveli TS. I			
Unit—1 Unit—3 Unit—4 Unit—5 Unit—7 8A	1-4-92 1-6-92 1-11-92 30-1-93 1-9-92 12-9-92	27—12—92 29—8—92 28—2—93 28—2—93 29—11—92 30—10—92	Life Extension Programme Boiler Overhaul and ESP Overhaul Annual maintenance Boiler overhaul Annual maintenance & ESP
9	1—4—9 2 1—1— 9 3	31—1 2 —92 29—6—93	Under shutdown Life Extension Programme
Neyveli TS. 11			
Unit-4	1—7—92	14-7-92	Half yearly maintenance
Unit—2	9 —2 —93 12—8 —9 2	28293 31892	Half yearly maintenance Half yearly maintenance
Unit—1	1-3-93 15-10-92	20—3—93 14—12 —9 2	Half yearly maintenance Maintenance Overhaul & Statutory Boiler Inspection
Unit—1 Unit—3	1-6-93 15-12-92	20—6—93 3—1—93	Half yearly maintenance Half yearly maintenance & Statutory Boiler Inspection
Unit—5	21—6—93 16—5—93	10—7— 93 1 4—6 —93	Half yearly maintenance Annual maintenance
Ramagundam			
Unit—1 Unit—2 Unit—3 Unit—4	16—12—92 15—2—93 20—6—93 16—7—92 19—2—93 26—9—92	7—1—93 25—2—93 30—6—93 14—8—92 28—2—93 25—10—92	Maintenance programme
Unit—6	21—8—92 20—4—93	19—9—9 2 30— 4—9 3	,, '

			OCTOBER 92	NOVEMBER 92	DECEMBER 92	JANUARY 93	FEBRUARY 93	MARCH 93	APRIL 93	MAY 93	JUNE 53
UNIT 19 UNIT 19 UNIT 19 UNIT 11 UNIT 11 UNIT 11 UNIT 11 UUNIT 11 U	_	, -		**:*** **:::::::::::::::::::::::::::::			⁵				-
UNIT 11 UNIT 11 UNIT 11 UNIT 12 UNIT 12	91				·	<u>-</u>			- - -	-	
UNIT 19 I	<u> </u>	210		• *	<i></i> -	 -	-	-			
UNIT IV								-:- ÷	·	- - -	
CANT 1		· 凌蒙	بعامت	<u>-</u>	210	— <u>i</u> — ;		:		-	
	5./ <u>\$</u>	* * .	6 Tan.		910	- % - 1°		- org	<u></u>		<u>-</u> -
UNIT 111			216		,]		<u> </u>	. ** **			·
FFF &						i, en.					- - - ·
UMIT 11 T.S.1.	582	h :			<u>-</u>			*			
	65	2			1			- <i>-</i>	-		
VI TINO	<u> </u>				95						
ATINO					·		95	<u>:</u>	⊬.* ———		
			95	-					- -		
URIT IX	-	- - ·	100	_	_						
NEYVELI T.S.11.				1 210		-	-		_		230
UNIT 11 210	310			—	210			219		`	- - - - - -
VI TINU										210	<u>-</u>
01460 UTAGE GEN.MW 7,55	9,65	7,80	076	066	9.40	4 20	10125	755	100	310	500
RAMAGUNDAM : 1					200			_			-
DRIT H		· -	~ -	-		· · · ·	2				
Seo VI THU		;			- -		8			·	
UNIT Y		200	000	·	<u> </u>	·	`-:		1 300		-

The following are the details of posts created, upgraded & abolished during the month of June 1992.

S. Deenadayalan, Chief Engineer/Personnel.

Posts Created

SI. No.	Details of Board's orders	Name of the Circle	Name of the ` I Post	No. o Posts		h Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Per. B.P. (Ch) No. 205 (Adm. Br.) dt. 1-6-92.	P & C Circle, Madurai	S.E./Elect. A.E.E./Elect. (E.A. to S.E.) Steno Typist Office Helper	1 1 1	Bifurcation of the existing P & C Circle/Coimbatore	Upto one year from the date of utilisetion
2.	B.P. (Ch) No. 214 (Adm. Br.) dt. 4-6-92.	Board Office Adm. Unit V	Assistant	1 	To attend to the increased estt. works	For a period of one year from the date of utilisation
3.	Per. B.P. (Ch) No. 216 (Adm. Br.) dt. 15-6-92.	Madras E.D.C. North	Lineman	3	For the fuse off call Centre at Stanley Section, Vyasarpadi Divn.	Upto 31—3—93.
4.	Per. B. P. (Ch.) No. 222 (Adm. Br.) dt. 22-6-92.	Periyar E.D.C.	Lineman Helper		For attending to the 110/11 KV Line Tap SS Gazelathi	For a period upto 30—9—92.
5	Per. B.P. (Ch) No. 19 (Adm. Br.) dt. 29-6-92.	North Madras Thermal Power Project	S.E./Civil E.E./Civil A.E.E./Civil A.E./JE Gr. (Civil) Steno Typist	1 3	For attending to the N.M.T.P. Project works	Upto 31—1—93.
6.	Per. B.P. (Ch) No. 237 (Adm. Br.) dt. 29-6-92.	Generation/ Kadamparai	AE/JE Gr. /Elecl. AE/JE Gr./Mechl. Electrician Gr. Helper		For Punachi Mini Micro Hydro Station	Upto 31—12—92.
7.	Per. B.P. (Ch.) No. 107 (Sectt. Br. dt. 30-6-92	Board Office Sectt. Br.	Assistant	 	To Clear the arrears relating to the granting of permission under T.N.E. Board employees' Conduct Regulations.	For a period of 6 months from the date of utilisation

-NIL-

Posts Abelished

GENERAL ADMN. & SERVICES

PART-II

General Administration & Services

Staff Training College—Training on Management Development Programme for Under Secretaries, Deputy Financial Controllers and Personnel Officers—Approval accorded.

Routine B.P. (Ch) No. 121

(Technical Branch)

Dated 20—5—1992, Vaikasi 7, Aangeerasa, Thiruvalluvar Aandu 2023.

Read:

Letter from the Deputy Director/Staff Training College/Madras Letter No. DD/STC/AEE.I/F. MDP/D.931/91 dated 31—8-91.

Proceedings:

The training on Management Development Programme for Senior Assistant Executive Engineers was conducted by the Deputy Directors of Staff Training College/Madras, Transmission & Substation Training Institute/Madurai and Hydro Training Institute/Athikadavu. It is felt that a similar programme by renaming it as Executive Development Programme can be extended to the officers like Under Secretaries, Deputy Financial Controllers and Personnel Officers, so that they can get an awareness of the latest development in the Management Field, acquire managerial skills relevant to their jobs. The Deputy Director/Staff Training College has evolved the above proposal for conducting the programme for 6 days.

After careful consideration, approval is hereby accorded to the Deputy Director/Staff Training College/Madras for conducting one Batch of Executive Development Programme to Under Secretaries, Deputy Financial Controllers and Personnel Officers for 6 days at Staff Training College/Madras. Sanction is also hereby accorded for incurring of an expenditure of Rs 9,000/- (Rupees Nine thousand only) as detailed below:

1.	Honorarium to be paid to the Guest Lecturers at Rs. 75/-		Rs. P.
1.	per Session of 1½ Hours for 22 Sessions	•••	1,650.00
2.	Provision of Working Lunch, Coffee and Snacks for 20 Trainees and 5 Faculty Members. (Rs. 30/- for Lunch, Rs. 6-/ for Coffee & Snacks. 36 x 6 x 25)		5,400.00
3.	Course material, scribbling pads and ball-point pen for 20 trainees at a cost of Rs. 50/- each.		1,000.00
4.	Hiring of Video Films for display and transparancy sheets	•••	550.0 0
5.	Contingencies		400.00
	-		
	Tetal	•••	9,000.00

(Rupees Nine Thousand Only)

B C 2

The course will be conducted at Staff Training College/Madras with a duration of 6 days. The number of participants will be 20.

The Personal Assistant/Unit-II/Technical Branch is authorised to open a temporary advance in the name of Thiru S. Venkatachalapathy, Assistant Executive Engineer, Office of the Deputy Director/Staff Training College, who will render the accounts after the completion of the programme.

The expenditure sanctioned above is debitable to "T.N.E.B. Funds—Revenue expenses-76. Administration and General expenses—76.154. Training expenses—Training programme for Board's personnel."

(By Order of the Chairman)

R. Arunachalam, Chief Engineer/Research & Development.

...

Memorandum No. 31492/O & M Cell (2)/92-1, (Secretariat Branch) Dated the 29th May, 1992.

Sub: ESTABLISHMENT—Tamil Nadu Electricity Board—Officer on Special Duty Thiru K. U. Krishnan—Further duties—Orders issued.

Read: (i) (Per) B.P. (FB) No. 17, (SB), Dt. 30-3-92.

(ii) Memo. No. 20042/O & M Cell (2)/92-1, Dt. 8-4-1992.

Ref: From Thiru R. Poornalingam, Special Officer, Corporation of Madras D.O. Letter No. El. D.C. No. ADE (T)/TA/2643/92/Dt. 13—5—92.

In continuation of the orders on duties and responsibilities fixed to the Officer on Special Duty in the Board's Memorandum cited, it is further ordered that Thiru K.U. Krishnan, Officer on Special Duty shall conduct a study on the system of maintenance of street lighting in Madras City under Corporation of Madras and submit a report to the Chairman on the suggestion for changes to improve the quality of street lighting in Madras City.

A.K. Thiyagarajan, Secretary.

Circular Memo. No. 28677/G3/A2/107/92-1, (Administrative Branch) dt. 30-5-1992.

Sub: Telephones—Prior intimation of the date of Retirement of Officers of the Board to disconnect the Residential Telephones in time—Instructions—Issued.

A copy of Government of Tamil Nadu Circular No. 80890/91-1 Public (Telephones-I) Department, Secretariat, Madras-9, dated 7—11—91 is communicated to all Officers of the Board, for adoption in Board and the Officers concerned may take necessary action to disconnect the residential phones in time in respect of Officers retiring from service.

(By Order of the Chairman)

S. Deenadayalan, Chief Engineer/Personnel.

Encl: One copy of Government Circular dt. 7—11—91.

Enci:

COPY OF :

Circular No. 80890/91-1, Public (Telephones I) Department. Govt. of T. N., Secretariat, Madres-9, dt. 7—11—91.

Sub: Telephones—Prior intimation of the date of retirement of Officers to Government to disconnect the residential telephones in time—Instructions—Issued.

Ref: 1. Govt. Letter No. 69180/88, Public (Tels. !) Dept., dt. 16-9-88.

2. Govt. Circular No. 34150/90-1. Public (Tele-1) dt. 28-5-90.

In the references cited instructions were issued to all the Departments of Secretariat/ Heads of Departments to send proposals for the disconnection of the Government telephone provided at the residence of Officers under their administrative control (who are due to retire) at the first week of the month of retirement of the Officers concerned.

- 2. Inspite of these instructions many Departments of Secretariat as well as the Heads of Departments send proposals for disconnection of the telephones of retiring Officers only after the date of retirement of the Officers. Therefore, the telephones could not be disconnected on the dates of retirement of Officers. Consequently, the Government Telephones continue to work at the residence of the retired Officers without proper sanction order and the Departments of Secretariat/Heads of Departments in which the Officers were working before their retirement have to face the burden of collecting the rental and Call charges from the retired Officers for retaining the Government Telephone at their residence after their retirement, which result in embarrassment between the Government and the retired Officers.
- 3. All the Departments of Secretariat/Heads of Departments are, therefore, requested to send proposals for the disconnection of the Government Telephones provided at the residence of Officers under their control who are due to retire, at the first week of the month of retirement of the officers concerned (i.e., if an Officer is due to retire on 30—12—91 proposals should be sent before 7—12—91). In the case of transfer of Officers outside Madras city also the departments of Secretariat/Heads of Departments are requested to send proposals for disconnection of the Government telephones provided at the residence of the transferred Officers immediately on transfer.

K. Ramamoorthy,
Joint Secretary to Government.

(True Copy)

Sub: Establishment — Request transfer from one Station to another — One Circle to another — Clarifications issued.

Transfer of employees from one Station to another and from one Circle to another as per their requests is being considered as per the existing guidelines.

- 2. The emoloyees who apply for transfer from one Station to another within the Circle, also apply for transfer from one Circle to another. The competent authority in the former case is the concerned Superintending Engineer, and the competent authority in the latter case is the Chief Engineer/(Personnel).
- 3. It is observed that in considering two transfers one after the other as above, based on such requests, not only the condition of one year stay in a Station on duty is not satisfied, but also the requirement that no other request application should be pending and even if any request application pending, it should be in cancellation of earlier request is also not followed.
 - 4. The above procedure is not correct and should be stopped forthwith.
- 5. In order to avoid such frequent transfers and dislocation in work it is hereby ordered that the employees can either apply from one Station to Station within a Circle or from one Circle to another duly cancelling their earlier request if any. Such cancellation of earlier requests should invariably be noted in the request transfer application against the column provided therefor in the format.
- 6. The Superintending Engineers are therefore requested to ensure that the above information is furnished in the request applications without omission while forwarding the request transfer applications to this office as otherwise incomplete application will be returned without consideration.
- 7. These guidelines are applicable to the request transfer applications pending to be considered as on date.

S. Deenadayalan, Chief Engineer/Personnel.

. . .

ESTABLISHMENT—Tamil Nadu Electricity Board—Board Office Technical Branch—Transfer of Control of Superintending Engineer/Industriel Energy Management Cell—Orders—Issued.

(Per.) B.P. (Ch.) No. 81

(Secretariat Branch)

Dated the 1st June, 1992.

Proceedings:

The Superintending Engineer/Industrial Energy Management Cell now functioning under the Direct control of Member (Distribution) shall be placed under the control of Chief Engineer/Research and Development with immediate effect.

(By Order of the Chairman)

A. K. Thiyagarajan, Secretary.

Sab: TRAINING—Training on First Aid—Revised rate of conveyance charges to the lecturer and increase in First Aid Manual—Sanction Accorded.

Ref: 1. B.P. Rt. (Ch) No. 161 (Adm. Br.) dt. 12-8-88.

- 2. From M/s. St. John Ambulance Association letter dated 3-3-92.
- 3. Dy. Director/Thermal Training Institute/Ennore Lr. No. D. 2241/92 dated 23-3-92.
- 4. From M/s. St. John Ambulance Association letter dated 29-4-92.

In the B.P. 1st cited, approval was accorded to incur the expenditure towards conducting the First Aid Course on a regular basis at the following rates:

First Aid Manual

Rs. 11/-

Conveyance charges for a Batch

Rs. 200/-

to the lecturer

In the letter under reference 2nd cited, M/s. St. John Ambulance Association have furnished the revised rates towards supply of First Aid Manual and payment of enhanced rate of conveyance charges to the lecturer who is conducting the training course on First Aid.

First Aid Manual (English/Tamil)

Rs. 12/-

Conveyance charges for lecturer

Rs. 250/- per course

Further, the Headquarters of M/s. St. John Ambulance Association in their letter dated 29—4—92 have clarified that there are about 60 branches of St. John Ambulance Association all over the State each administered by a Committee of office bearers and an Honorary Secretary. The course fee at the concessional rate is fixed by them and suggested to accept the revised rates.

After careful consideration, sanction is hereby accorded for the payment of the following fees:

- (1) Payment of Rs. 12/- towards supply of one copy of First Aid Manual for each participant for all the institutes/Centres.
- (2) Payment of Rs. 250/- towards conveyance charges to the lecturer who is taking First Aid Classes at **Thermai Treining Institute/Ennore alone.**

The expenditure sanctioned above is debitable to "T.N.E.B. Funds—Revenue expenses—76 Adm. & General expenses 76.154. Training expenses—Training programme for sound's Personnel.

(By Order of the Chairman)

R. Arunachalam, Chief Engineer/Research & Development. Construction of Residential Quarters for Superintending Engineer and 2 numbers Executive Engineers/Load Despatch and 5 Number Suites in E. B. Complex—Administrative approval—Accorded.

Permanent B.P. (FB) No. 145

(Tech. Branch)

Dated 3-6-1992, Vaikasi 21, Aangeerasa, Thiruvalluvar Aandu 2023.

Read:

Minutes of the 631st Board Meeting held on 26-5-92 at N.M.T.P.P. (Item No. 26).

Proceedings:

The Tamil Nadu Electricity Board accords administrative approval for the proposal of Chief Engineer/Civil Designs for the construction of a storeyed building (GF + 2 floors) in the location of old canteen building inside E.B. Complex for residential accommodation for one Superintending Engineer/Load Despatch, 2 Nos. Executive Engineers/Load Despatch and 5 Nos. suites for the stay of officials and V I.P.s. on camp.

The Board has also decided to provide quarters for Chief Engineer/Distribution/Madras in the proposed building with suitable revision to the estimate for the above provision.

Board has further decided to construct 100 Nos. Transit flats at the Basin Bridge area where surplus Board's lands are available, as most of the Engineers on transfer to Madras find it difficult to get immediate accommodation in Madras City.

(By Order of the Board)

S. R. Soundararajan, Chief Engineer/Civil Designs.



Establishment - Tamil Nadu Electricity Board—Thiru P. Shankar, I.A.S., formerly Chairman—Termsand Conditions of appointment—Acceptance—Order—Issued.

(Permanent) B P. (FB) No. 30

(Secretariat Branch)

Dated: 4-6-1992, Vaikasi 22, Aangeerasa, Thiruvalluvar Aandu 2023.

Read:

- 1. G.O. Rt. No. 70, Public (Special. A) Department, dated 9-1-92.
- 2. G.O. Ms. No. 234, Public Works (V2) Department, dated 13-2-92.

Proceedings:

The Tamil Nadu Electricity Board hereby accepts the Terms and Conditions of appointment of Thiru P. Shankar, I.A.S., who was on foreign service as Chairman, Tamil Nadu Electricity Boards as stipulated in G.O. Ms. No. 234, Public Works (V2) Department, dated 13—2—92.

(By Order of the Board)

A. K. Thiyagarajan, Secretary.

Encl.:

⁵Enci:

Copy of G. O. Ms. No. 234 Public Works (V2) Department Govt. of T.N., Dated: 13-2-92.

Establishment—Chairman, Tamil Nadu Electricity Board—Shankar, I. A. S. (Thiru) P.—Appointment under Electricity (Supply) Act, 1948—Notified.

Read again:

G. O. Rt. No. 70 Public (Spl. A), Dated 9-1-92.

Order:

In the G.O. read above the Government have issued orders posting Thiru P. Shanker, I.A.S. to act as Chairman, Tamil Nadu Electricity Board Vice Thiru C. Ramachandran, I.A.S. He has assumed charge as Chairman, Tamil Nadu Electricity Board on 10—1—1992 F. N.

- 2. The appended notification will be published in the next issue of Tamil Nadu-Government Gazatte.
- 3. The Government also direct that the deputation of Thiru P. Shankar, I.A.S., on foreign service, as Chairman, Tamil Nadu Electricity Board, be on the following terms and conditions:—
 - (i) The term of deputation is specified as one year;
 - (ii) The terms and conditions of deputation of I.A.S., Office:s to State Public Sector Undertakings/Boards specified in G. O. Ms No. 495, Finance (8PE) Dt. 18—7—1988 read with Lr. No. 1055/BPE/88-4, Finance Dt. 13—9—1988, 1055/8PE/88-9, Finance Dt. 25—4—89 and 933/8PE/89-1, Finance Dt. 8—6—89 shall apply to the officer during the period of his deputation.
- 4. Thiru P. Shankar, I.A.S., is a member of All India Service (Government of India) Scheme and is subscribing to the scheme at Rs. 120/- per month. Hence, the foreign employer shall recover necessary monthly subscription as per the All India Service (Government of India) Scheme in respect of the Officer and credit the same to the relevant head of account as indicated in G. O. Ms. No. 495 Finance (BPE) Dated 18—7—88.
- 5. This order issues with the concurrence of Public (Spl. A) Department vide its U.O. No. 452/92-1, Dated: 27-1-92.

(8y Order of the Governor)

C. Chellappan, Secretary to Government.

(True copy)

APPENDIX

Notification

In exercise of the power conferred by Sub-Section(2) read with sub-sections 4(a) and 5 of section 5 and section 8 of the Electricity (supply) Act 1948 (Central Act 54 of 1948) as subsequently amended, and Rule I-A of Temil Nadu Electricity Board, (Term of Office, re-appointment, re-uneration, allowances and other conditions of Chairman and Members) Rules 1958, the Governor of Tamil Nadu hereby appoints Thiru P. Shankar, I.A.S., as Chairman, Tamil Nadu Electricity Board with effect from 10—1—1992 F.N.

C. Chellappan, Secretary to Government.

(True copy)

Sub: Staff Training Collegs—Evolving a proposal for conducting training programme for the personnel working in Board Office Administrative Branch—Amendment issued.

Ref: 1. (Routine) B.P. (Ch.) No. 98 (Technical Branch) dated 29-4-92.

2. Deputy Director/Staff Training College/Madras Lr. No. D. 594/92 dated: 12-5-92.

Para (4) of the B. P. cited is amended to read as follows:

"After careful consideration of the above proposal, Tamil Nadu Electricity Board approves the following and also sanctions the expenditure mentioned therein."

(By Order of the Chairman)

R. Arunachalam, Chief Engineer/Research & Development...

...

Establishment—RWE—Thermal Power Stations—Ennore Thermal Power Station and Tuticorim Power Station—Stagnation in getting promotion in respect of certain categories upgradation of posts—Orders—Issued.

(Permanent) B.P. (FB) No. 15

(Adm. Branch)

Dated 8—6—1992, Vaikasi 26. Aangeerasa, Thiruvalluvar Aandu 2023.

Read :

Per B.P. (FB) No. 45 (Adm. Br.) dated 5 - 9-90.

Proceedings:

In the B.P. under reference, orders were issued for the upgradation of posts by reviewing the level of stagnation of promotion to certain categories of staff in Regular Work Establishment case in Projects, Hydro Investigation, Basin Bridge Power House and Protection and Communication Circles.

- 2. It has now been further represented by the unions that promotional opportunities of Regular Work Establishment workmen are also quite low in Thermal Stations who are without promotion for a long time in these areas as compared to their counterparts in the Distribution Circles where the posts are sanctioned with reference to workload settlement which cause scope for normal promotion for them.
 - 3. The matter has been examined and the following orders are issued:
- (i) The categories which have no line of promotion like Sanitary Workers, Gardener, Watchman, Inspection Bangalow Warden etc. have been excluded from the purview of this proposal. The Driver category and the category for which state is the unit and the minimum qualification is a Diploma in Elect Engg have also been excluded from the purview of this proposal.
- (ii) Not more than 75% of the utilised posts in Regular Work Establishment categories subject to fulfilling the number of years of service as indicated in (iii) below shall be upgraded temporarily, abolishing an equal number of posts in the lower category for a period uptothe date of continuance respectively.

(iii) The upgraded posts should be filled by premotion of the existing employees with reference to their seniority only, subject to fulfilling the number of years of service as indicated below:

SI. No.	Category	Minimum Service required in the present category	Total service required
(1)	(2)	(3)	(4)
1.	Helper and equivalent	15 years (fifteen)	15 years (fifteen)
2.	Wireman and equivalent	15 years (fifteen)	18 years (eighteen)
3.	Lineman and equivalent	15 years (fifteen)	22 years (twenty two)
4.	Foreman II Gr. and equivalent	16 years (sixteen)	26 years (twenty six)
5.	Foreman 1 Gr. and equivalent	17 years (seventeen)	30 years (thirty)

- (iv) The incumbent in a particular post should satisfy the requirement of the minimum service in the present category and also the total service indicated in columns 3 and 4 respectively.
- (v) If the number of eligible workers are actually less than 75% of the utilised posts, only the number of posts required to accommodate the eligible workers should be upgraded.
- (vi) Workers eventhough they have put in the number of years of service as per the above instructions, should not be promoted against the posts, to be upgraded if they have taken lower ranking in the present circle on transfer from other circle. In such a case, he will be considered for upgradation when his immediate junior gets promoted to the upgraded post.
- (vii) On promotion to the posts to be upgraded they will continue to do the same work as they have been doing hither to. In the case of Helpers, they shall be upgraded as Senior Helpers and they shall continue to do the same work as done before. In the other categories wherever upgraded, they shall have the designation of higher posts such as Fitter I Grade, Fitter II Grade etc., and wharever the higher categories do not convey the type of work done in lower categories the same shall be indicated within brackets after the name of the higher post eg. Foreman II Grade (Welding) so that on upgradation the workmen getting promotion will continue to do the same work. An undertaking in this regard should also be obtained from the individuals who are upgraded consequent on these orders to the higher categories to the effect that they continue to do the same work after promotion.
- (viii) When the incumbent of the upgraded post gets his regular chance of promotion in future in the category equivalent to the upgraded category, the post now upgraded shall be downgraded automatically since the upgradation is considered only for the persons who are stagnating for want of promotion. Likewise, if the incumbent of the upgraded retires, resigns, dies, the upgraded post shall be downgraded.
- 4. The incumbents of the posts sanctioned will be eligible to draw the usual pay D.A., H.R.A. and other allowances at the rates admissible under the order in force.
- 5. The expenditure is debitable to "Tamil Nadu Electricity Board Funds—Capital Expenditure—Establishment."
- 6. The Superintending Engineer shall report the date of utilisation of the posts and date of abolition of posts with complete details.

(By Order of the Board)

S. Deenadayalan, Chief Engineer/Personnel. ESTABLISHMENT—Tamil Nadu Electricity Board—Training Centres—Change of control—Orders—Issued.

(Per) B.P. (Ch) No. 118

(Technical Branch)

Dated the 11th June, 1992, Vaikasi 29, Aangeerasa, Thiruvalluvar Aandu 2023.

Read:

- 1. B. P. Ms. No. 333 (Secretariat) dated 21-12-79.
- 2. Memo. No. 1418/DTS/A5/80—2 dated 28—6—80.
- 3. Deputy Director/Transmission & Substation Training Institute/Madurai Lr. No. D. 545/88 dated 5—8—88.
- 4. Deputy Director/Transmission & Substation Training Institute/Madurai Lr. No. D. 272/88 dated 13—2—92.

Proceedings:

In the B.P. 1st cited, orders were issued for the transfer of control of the Training Centres hitherto functioning under the Technical and Administrative control of the concerned Superintending Engineers to Technical and Administrative control of the Deputy Director of Training as indicated against each.

ħ	(a) (b) (c)	Technical Training Centre/Madus Lineman Training Centre/Thanja Lineman Training Centre/Tirunel	1DV		Députy Director/Transmission & Substation Training Institute/ Madurai
11.	(a) (b) (c)	Technical Training Centre/Koratt Underground Cable Training Centineman Training Centre/ Villupuram Lineman Training Centre/ Velloree	ur htre/Madras Proposed to Coimbatore	 	Deputy Director/Thermal Training Institute/Ennore
111.	(a) (b)	Technical Training Centre/Mettu Technical Training Centre/Coimb	ir Datore		Deputy Director/Hydro Training Institute/Athikadavu.

Subsequently, the above order was not implemented as per the memo. dated 28-6-80 under reference 2nd cited.

Later, in the Deputy Directors' Meeting held on 7—2—92, it was decided to attach the Technical Training Centres, Lineman Training Centres, Cable Jointing Training Centre to the nearest Training Institute for efficient functioning.

The Technical control is necessary for the following reasons for proper co-ordination and effective implementation of the training programmes:—

- (i) To standardise the programmes.
- (ii) To create necessary infrastructure facilities.
- (iii) To establish facilities to transfer resources among the centres to achieve economy
- (iv) To give the necessary undivided attention.
- (v) To plan, co-ordinate and control the programmes effectively.

After careful consideration, approval is hereby accorded to bring the following training centres under the Technical control of the Deputy Directors noted against each.

- I. (a) Technical Training Centre/Korattur
 - (b) Lineman Training Centre/Tiruvannamalai
- 11. Cable Jointing Training Centre/Madras
- iii. (a) Technical Training Centre, Coimbatore
 - Technical Training Centre/Mettur (b)
- IV. (a) Lineman Training Centre/Tirunelveli (b) Lineman Training Centre/Thanjavur
 - - (c) Technical Training Centre/Madurai
 - (d) Technical Training Centre/Trichy
 - (e) Technical Training Centre/Virudhunagar

Deputy Director/Staff Training College/Madras

Deputy Director/Thermal Training Institute/Ennore

Deputy Director/Hydro Training Institute/Athikadavu

Deputy Director/Transmission & Substation Training Institute/ Madurai

However, the Administrative Control will continue as now in existence. The present practice of payment of pay, allowance and other dues to the staff, faculty and trainees of these Institutes/Centres by the respective Distribution Circle Superintending Engineers will continue as is being done now. Necessary imprest may also be sanctioned as is being dealt at present and stationery may be continued to be supplied to the training centres as is being done at present.

(By Order of the Chairman)

R. Arunachalam, Chief Engineer/Research & Development-

Circular Memo. No. 065492/P.O. Inspn. Team 'B'/92-1, (Administrative Branch) dt. 15-6-92.

Sub: Establishment—T.N.E.B.—Class II Service—property Return for the year ending 31-12-90 in forms! to II as per Conduct Regulations—Called for—Reg.

Ref: Bd.'s Lr. No. 378 BB/91—1, (Sectt.Br.) dt. 8—1—91.

In the reference cited Board has issued instructions that in respect of Class I Officer the Property Return should be filed once in 5 years and as such tha Property Return to be filed as on 31-12-1990 should be submitted to Board before 31-5-91. Failure of submitting the same will be viewed seriously as per rules.

During Preliminary Inspection of circle offices by the Administration Inspecting teams it is observed that most of the Class I Officers have submitted their Property Returns and whereas in respect of Class II more than 50% of the officers have not submitted their Property returns for the period ended 31-12-1990 till date.

Hence, all the Superintending Engineers are requested to obtain the Property Return as on 31-12-1990 from all the Class II Officers who have not submitted the same so far before 31-7-92 and intimate the position to this branch. Failure to submit the Property Return within the prescribed time will be viewed seriously as per rules.

The receipt of this circular memo, may be acknowledged.

S. Deenadayalan, Chief Engineer (Personnel). Sub: RECRUITMENT — Class III Service — Appoinment to various categories of posts by internal selection—Claim for fixation of pay under Service Regulation

33 (b) dismissed by High Court—Regarding.

Ref: Orders of High Court dated 11-12-91 in W.P. No. 687 of 1984.

I have to state that on a Writ Petition filed by the General Secretary, Tamil Nadu Electricity Board Accounts and Executive Staff Union against the Board in Writ Petition No. 687/84 on the file of High Court claiming fixation of pay under Regulation 33 (b) read with regulation 87 and 111 of Tamil Nadu Electricity Board Service Regulations in respect of appointment to the post of Junior Assistants by internal selection, the High Court has passed orders dismissing the petition of the ground that the benefit of Regulation 33 (b) can be availed only if the appointment is made by way of promotion. In this connection, I enclose a copy of orders of High Court in Writ Petition No. 687/84 for information.

Encl:

S. Deenadayalan, Chief Engineer/(Personnel).

Copy of:

IN THE HIGH COURT OF JUDICATURE AT MADRAS (SPECIAL ORIGINAL JURISDICTION)

Wednesday, the eleventh day of December, One thousand nine hundred and ninety one.

PRESENT:

The Honourable Mr. Justice Kanakaraj Writ Petition No. 687 of 1984.

Tamil Nadu Electricity Board, Accounts and Executive Staff Union, Represented by its General Secretary.

- Petitioner.

-- Vs--

- Tamil Nadu Electricity Board, represented by its hairman, Mount Road, Madras-2.
- The Secretary, Tamil Nadu Electricity Board, Mount Road, Madras-2.

Respondents.

Petition under Article 226 of the Constitution of India, praying that in the circumstances stated therein, and in the affidavit filed there with the High Court will be pleased to issue a Writ of Mandamus directing the Respondents to fix the scale of pay of the employees mentioned in the Annexure inaccordance with regulation 33(b) of the Tamil Nadu Electricity Board Service Regulation read with regulation 87 and 111.

** (Annexure typed in the separate sheet)

Order: This Writ Petition coming on for hearing on this day upon perusing the petition and the affidavit filed in support thereof the Order of the High Court, dated 23—1—84 and made herein and the Counter affidavit filed herein and the records relevant for the prayer aforesaid; and comprised in the return of the respondent herein to the Writ made by the High Court and upon hearing the arguments of Mr. Venkatraman for M/s. Aiyar and Dolia, and G. Devi, Advocate for the petitioner, and of Mr. R. Muthukumaraswamy Advocate for the Respondents. The court made the following Order:—

ORDER:

The Petitioner is seeking to expouse the cause of employees who are employed as Junior Assistants having been drawn from the regular work establishment of the first respondent Board. The complaint is that the scales of pay of the employees while they were in the regular work establishment were as follows:—

- (i) 260-5-300-10-350-12-410
- (ii) 225—5—250—6—292—8—340
- (iii) 285-10-335-12-395-15-465

The Scale of pay of Junior Assistant is Rs. 265—10—315—12—375—15—465. The respondents have fixed the minimum scale of pay of such employees, when they were appointed as Junior Assistants and the difference between the basic pay drawn by them while they were in the regular work establishment and the minimum scale of pay as Junior Assistants were being treated as personal pay. The contention is that the respondents should fix scale of pay in accordance with Regulation 33 (b) of the Service Regulations of the Board. The appointment of Junior Assistants carries duties and responsibilities of greater in nature therefore such appointment is governed by Regulation 33 (b). Consequently the basic pay of these employees should have been fixed in the appropriate stage in the scale of pay of Junior Assistants.

- 2. A counter affidavit has been filed opposing the application of Regulation 33 (b) and contending that the method adopted by the respondents is perfectly legal and valid. It is pointed out in the counter affidavit, that appointment to the post of Junior Assistant and certain other posts were being made only by direct recruitment in accordance with Regulation 92 (Annexure I). The petitioner union and certain other unions represented that certain workmen in the regular work establishment were qualified for recruitment to the post of Junior Assistant and similar other posts and the statutory direction to only adopt the method of direct recruitment was causing hardship to such employees. The board conceded the demand and in B.P.Ms. No. 1703, dated 29-11-1975 permitted appointment of candidates by what is called internal selection, for a period of two years. In other words, the internal selection was in the place of direct recruitment. Later on the said method of internal selection was incorporated in the regulations by B.P.Ms.No.86 dated 8-3-1982. It was made clear that internal selection shall be deemed to be direct recruitment for all purposes including the purpose of application of the rule of reservation, Regulation 92 has been emended making it clear that internal selection is deemed to be direct recruitment and not promotion attracting the fixation of pay under Regulation 33(b). This amendment however came into force only with effect from 8-3-1982. But it cannot be ignored that even before the amendment of the Regulation B.P. Ms. No. 1703 dated 29-11-1975 and the memorandum of the Board dated 27-8-1976 had made the position clear by asking candidates to give the following undertaking:-
 - (i) that candidates should give an undertaking in writing before appointment by internal selection that they will relinquish their rights for promotion in their former ministerial or in Regular work Establishment/Temporary work Establishment cadre, as the case may be, and
 - (ii) that they will accept the minimum of the time scale of pay of the post in which they are to be appointed by internal selection subject to any protection of loss in emoluments that may occur at the time of initial appointment by internal selection by grant of personal pay".

The contention in the counter affidavit is that the appointment by internal selection cannot be equated to promotion and therefore Regulation 33 (b) is not attracted. It is also pointed out that is connection with the fixetion of pay of such employees, the following terms were agreed upon in the wage revision settlement reached before the Commissioner of Labour, and the settlement reached before the Commissioner of Labour, and the settlement reached before the Commissioner of Labour, and the settlement reached before the Commissioner of Labour, and the settlement reached before the Commissioner of Labour, and the settlement reached before the Commissioner of Labour, and the settlement reached before the Commissioner of Labour, and the settlement reached before the Commissioner of Labour, and the settlement reached before the Commissioner of Labour, and the settlement reached before the Commissioner of Labour, and the settlement reached before the Commissioner of Labour, and the settlement reached before the Commissioner of Labour, and the settlement reached before the Commissioner of Labour, and the settlement reached before the Commissioner of Labour, and the settlement reached before the Commissioner of Labour, and the settlement reached before the commission reached before

"In the Internal Selection appointments, the basic pay that would have been drawn by the employee, from time to time in the previous post, if such pay is higher, will be protected from time to time in the present basic pay by the grant of personal pay such time the basic pay in the present post is equal to or more than the basic pay in the previous post or till such time he is promoted to a higher post, whichever is earlier. This benefit will be effective from 1—12—1984. In the case of employees who were appointed through Internal selection prior to 1-12-1984 and who had not been promoted to a higher post as on 30-11-1984, this benefit will be allowed with effect from 1—12—1984 without any back wages prior to 1—12—1984."

In pursuance of the said settlement B.P. Ms. (F.B.) 95 dated 20—11—1985 was issued. By this proceedings, therefore, if the basic pay admissible to an employee appointed by internal selection is less than the basic pay that would have been drawn by him in the previous post, had he continued in the previous post, the said proceedings gave protection to the extent of the difference by allowing the same as personal pay. The said protection was allowed till the basic pay in the post to which he is appointed by internal selection become equal to or more than the basic pay in the previous post or till his promotion to a higher post, which ever is earlier. Inview of this statement in the counter affidavit. I do not think that the petitioners can have any grievance.

3. However Mr. Venkataraman, learned counsel for the petitioner argued that if the regulations are taken as a whole, the appointment by internal Selection is nothing but a promotion. The regulation 87 (9) defines promotion as "Promotion means the appointment of a member of any category in a clause of service to a higher category in that clause or any higher clause service." The regular work establishment posts come under Division IX of Annexure-1 prescribed by Regulation. The Junior Assistants are coming under Division VII-A Category 3 of the annexure. Therefore it is sought to be contended that the appointment is only by promotion though called as internal selection. This argument cannot be accepted.

We have already noticed that is only on the request of the unions that instead of making direct recruitment, the method of internal selection was adopted. The post of Junior Assistant is an initial level post. The only method prescribed for appointment was by direct recruitment. There was no provision at all for promoting any feader category employees to the post Junior Assistants. Normally when a post can be filled up by promotion, the feader posts are shown in the rule or regulation. Being an initial level post the regulation did not specify any feader category posts. The existing employees in the regular work establisment belonging to a different cadre were recruited only by way of direct recruitment. In as much as the recruitment was from the employees of the board it was called internal selection. Further they have already executed certain undertakings before they were permitted to be recruited internally. The contention of the petitioners that their appointment to the post of Junior Assistants is by way of promotion cannot therefore be accepted either on the basis of the regulations or on the basis of the fact situation.

4. It is not disputed before me that the benefit of Regulation 33(b) can be availed of only if the employees had been appointed to the post of Junior Assistants by way of promotion. Consequently, the writ petition fails and it is dismissed. There will however be no order as to costs.

Sd/-M. Subhankhan Lodi, Asst. Registrar (P)

(True copy)

Sd/—
For Administrative Officer.

ANNEXURE

SI. No.	Name end Designation	Office	Date of appointment in R. W. E.	Name of post in R. W. E.	Date of appointment as J. A.
1	2 .	3	4	5	6
1. 2 to	A. Dhanapal J. A.	Krishn a- giri	1-5-1974	C. A.	20 —12—78

Ennore Thermal Power Station—Starting of a Matriculation School—Permission for obtaining recognition of the Education Department—Orders—Issued.

(Permanent) B. P. (FB) No. 16

(Adm. Branch)

Dated 18—6—1992. Aani 4, Angeerasa,

Thiruvalluvar Aandu 2023.

Read:

- (1) From the Ex-Officio President, E.T.P.S. Nursery School and CE/ETPS & BBPH Lr.No. ETPS N. School/F.Recognition/D1/91, dt. 2-8-91.
- (2) From the CE/ETPS & BBPH Lr.No. President/ETPS Nursery School/F.Recognition/D01/92, dt. 14—2—92.
- (3) Minutes of the 632nd meeting of the T.N.E.B. held on 10—6—92 at Upper Bhavani.

Proceedings:

The Chief Engineer/Ennore Thermal Power Station and Basin Bridge Power House has requested necessary permission for obtaining recognition from the Education Department for upgrading the existing Nursery School into a Matriculation School upto X Std. by making payment of Rs. One Lakh to the Education Department from the funds available in School Account.

- 2. The T.N.E.B. after careful examination hereby approves the proposal of the Chief Engineer/Ennore Thermal Power Station and Basin Bridge Power House for obtaining recognition from the Education Department for upgrading the existing Nursery School into a Matriculation School upto X Std. by the Ennore Thermal Power Station School Committee and also for making payment of an amount of Rs. One lakh required to be paid to the Education Department for according such recognition from the funds available in the school accounts subject to the following derms and conditions.
 - (i) A nominal rent of Re. (1/- Rupee One only) per month shall be fixed.
 - (ii) No free supply of electricity will be made.
 - (iii) No loans, grants or any subsidy will be granted by the Board to the School and the school should be run by the Managing Committee at its own risk.
 - (iv) No expenditure will be allowed by the Board for provision of library, play ground, sports materials etc. to the School Committee excepting provision of furniture and laboratory.
 - (v) No salary, residential quarters and any other concession will be provided to the teaching and non-teaching staff of the school by the Board.
 - (vi) The contract shall be initially for a period of ten years from the date of functioning of school and extended by the Chief Engineer/Ennore Thermal Power Station and Basin Bridge Power House for further period subject to satisfactory performance.
 - (vii) The school fees and other charges should be reasonable and as approved by the Chief Engineer/Ennore Thermal Power Station and Basin Bridge Power House.
 - (viii) The school Committee should run the Matriculation School from LKG to X Std.
 - (ix) The School Managing Committee, shall abide by the conditions of the T.N.E.B. issued from time to time.
 - (x) The Board reserves the right to terminate the arrangement without assigning any reasons therefor, of course by giving a reasonable notice.

(By Order of the Board)

Tamil Nadu Electricity Board — Electricity Avenue — Madras-2—Provision of Mini Hand Held Fire Extinguishers to Chief Engineers accommedated in N. P. K. R. R. Maaligai—Approval of

Permanent B.P. (Ch) No. 119

(Technical Branch)

Dated 19—6—1992, Aani 5, Aangeerasa, Thiruvelluvar Aandu, 2023.

Read: U. O. No. SE/Inv/E4/A4/F. Misc/371/92, dt. 3-6-92.

Proceedings:

The Tamil Nadu Electricity Board approves the proposal of Chief Engineer/Civil Designs for the provision of 30 Nos. Mini Hand operated Fire Extinguishers at the rate of two Nos. for each of the Chambers of Chief Engineers, Chief Financial Controller and Special Officer accommodated in the N. P. K. R. Maaligai for use during emergencies.

(By Order of the Chairman)

S. R. Soundararajan, Chief Engineer/(Civil Designs).

 $\bullet \bullet \bullet$

Tamil Nadu Electricity Board-Ennore! Thermal Power Station-Industrial Co-operative Service Society-Entrustment of contract works (665 unskilled labourers) to Ennore Thermal Power Station Industrials Co-operative Service Society for a period of one year from 1—4—92 to 31—3—93 (365 days)-approved.

(Permanent) B. P. (FB) No. 17

(Administrative Branch)

Dated 20-6-1992. Aani 6, Aangeerasa, Thiruvalluvar Aandu 2023.

Read:---

- 1. Permanent B.P. (FB) No. 21 (Adm. Branch) dated 23—5—91.
- From Chief Engineer/Ennore Thermal Power Station and Basin Bridge Power House-Lrs.No. CE/ETPS & BBPH/EE/I&P/F.INDCOSERVE/D181/92, dated 13-5-92 and 25-5-92.

Proceedings:

In the Board proceedings cited, the Tamil Nadu Electricity Board approved utilisation of 19, 47, 120 manhours of unskilled labourers of Ennore Thermal Power Station Industrial Co-operative Service Society for a contract value of Rs. 64,84,200/- (Rupees sixty four lakhs eighty four thousand and two hundred only) for a period of one year from 1—4—91 to 31—3—92 (366 days)

- 2. The Chief Engineer/Ennore Thermal Pover Station and Basin Bridge Power House has submitted a proposal in his letter under reference (2) for according approval for entrusting contract works to 665 unskilled labourers for a value of Rs. 88,56,000/- (Rupees eighty eight lakhs and fifty six thousand only) for 19,41,800 man hours to the Ennore Thermal Power station Industrial Co-operative Service Society for a period of one year from 1—4—92 to 31—3—93 (365 days).
- 3. The Tamil Nadu Electricity Board hereby approves utilisation of 19,41,800 man hours of 665 unskilled labourers of Ennore Thermal Power Station Industrial Co-operative Service Society for a contract value of Rs. 92,62,900/- (Rupees Ninety two lakks sixty two thousand and nine hundred only) as detailed in Statement—I for a period of one year from 1—4—92 to 31—3—93. (365 days) subject to the following conditions:
 - (i) The contract to be given to the Ennore Thermal Power station Industrial Co-operative Service Society should be of the nature of works contract and should not be labour contract.
 - (ii) For the works entrusted to it, the society itself should procure and use materials, equipments, tools and plant etc., required for completion of the work.
- 4. Approval is accorded for the payment of wages for the 9 National and Festival holidays as in statement-II attached and also for the weekly off. Approval for additional holiday(s) if any, to be declared by the Government/Board is also accorded.

(By Order of the Board)

S. Deenadayalan, Chief Engineer (Personnel),...

STATEMENT-I

Name of Work: Proposal for entrember of unskilled works to Ennote Thermal Power Station Industrial Co-ope with Service Society for a period of one year from 1—4—92 to 31—1—93 (36, a.e.s)

SI. No	Name of . Circle		Name of Division	No. of unskilled workers required per day	Rate day unski work	ner Hed	Tota Amou	
					Rs.	P.	Rs.	P٠
1,	Civil Maintenance	1.	Civil Maintenance	213	•	<u>,</u>		
2.	Electrical System	1.	Electrical Maintena. coi	19				
	·	2.	Electrical Maintena: ce-	27				
		3.	M.R.T.	2 1				
		4.	Instrumentation	21				
		5.	O&M Stores	2 3				
	,	6.	R&M (Elect.)	2				
3.	Mechanical	1.	Mill plant	47				
		2.	Boilers	78				
		3.	cws	14				
		4	Conveyors	79				
4.	Operation	1.	O&E	<i>4</i> 5				
		2	Turbines	14				
				5 53			,	
	Provision for shift t	elief	and leave relief	67				
				065	Rs.	25/-		

Wages:

Amount for 665 unskilled labourers at the rate of Rs. 25/- per head per day for a period of one year from 1—4—92 to 3. - 3—93 (365 days) Rs. 25/- x 665 x 365.

Amount for 9 (Nine) National and Festival holidays Rs. $25/- \times 9 \times 665$

1,49,625/-

60,68,125/-

62,17,750/-

Other Expenditures

(a) Statutory Provision:
EPF and FPF Contribution
ESI Contribution
EPF Administration Charges

10% 5% 0.65%

15.65%

9,73,080/-

/	t	2	/F. 71, 90,8 3 0/-
Leave with Act. Rs. 25	wages for 15 days per worker as per Factory /- x 665 x 15		2,40,375/-
(b) Uniforms (c) Consumat	eles		3,25,000/- 6 6, 000/-
(e) Continger	nent expenses ncy expenses Service Charges		3, 45 ,000/- 24, 0 00/-
(g) Group ins	•		30,000/- 1,00,000/-
(i) Bonus for 8.33% + E	665 workers at the rate of c-gratia 6.67% (totalling 15%)		9,32,660/
		Total	92,62,865/-
		or ssy	92,62,9 00/-

(Rupees Ninety two lakhs, sixty two thousand and nine hundred only)

Statement-II

LIST OF NATIONAL AND FESTIVAL HOLIDAYS FOR 1992-93.

	1.	5th April,	19 9 2	Sunday	Ramzan
	2.	1st May,	1992	Friday	May day
	3.	15th August, 39	1992	Saturday	Independence Day
		2nd October,	1992	Friday	Gandhi Jayanthi
	5.	5th October,	1992	Monday	Ayudha Pooja
	6.	25th October,	1992	Sunday	Deepavali
	7 .	25th December,	1992	Friday	Christmas
18018	8.	15th January,	1993	Wednesday	Pongal
(02)	9.	26th January,	1993	Sunday Respiled later of the number	

1.49.625/-

62.17.750/-

Other Exp. noterital

(a) Statutory R. ovision: LPI - ad FPF Counds Tos ESI De Pesseron ESI A Lancadona Cesagro

7.5376 %g 7.01

15 6 .4.

9.73 080/-

Memo No. 81812/P1/91-1, (Sectt. Branch) Dated 22-6-1992.

Sub: Establishment—Employees promoted or appointed to a higher post—Exercising of option for fixation of pay-Revision of option permitted.

In the following B.Ps., options were allowed to the employees of the Board to choose one or the other method of fixation of pay on their promotion or appointment to higher posts:—

- (1) B.P.Ms. (F.B) No. 11 (S.B), dt. 12-2-87
- (2) B.P.Ms. (F.B) No. 33 (S.B), dt. 13-4-87
- (3) B.P.Ms. (F.B) No. 52 (S.B), dt. 24-6-87
- (4) B.P.Ms. (CH) No. 163 (SB), dt. 13-6-88

The Board Proceedings mentioned above also contained clauses that if the employees did not give any declaration choosing a method of fixation of pay within the prescribed time limit, pay fixation should be made under a particular method.

- 2. It has been brought to the notice of the Board that in some cases, the method of pay fixation, specifically chosen by the employee, is not advantageous and the concerned employees came to know of this only later. It has also been represented that the Orders/Circulars issued by the Board seldom reach the workers employed in field and they would come to know of them only when they visit headquarters and by this time, the time-limit prescribed would be over and hence they are deprived of the benefits allowed in the general orders issued by Board. In these circumstances, it has been represented that another chance may be given for choosing an advantageous method of pay fixation by revising the option elready exercised.
- 3. In Board's Memo No. 75406/P1/90-1, (Secretariat Branch), dated 19—2—91, and option format was prescribed and it was ordered that it should be enclosed with the order of initial promotion or appointment of an employee to a higher post and he should be requested to return the format duly filled in within one month from the date of promotion/appointment. After the issue of this order, a plea for revision of option will not be justified.
- 4. It is hereby ordered that the employees to whom the orders in the Board Proceedings cited are applicable and who were promoted or appointed to higher posts prior to 19—3—91 and who had either given a declaration choosing a method of pay fixation or pay fixation was made under a particular method as they had not given any declaration shall be permitted to exercise revised option, if they so desire, within a period of three months from the date of issue of this order.

(By Order of the Chairman)

A. K. Thiyagarajan, Secretary. TRAINING—Thermal Training Institute—Vellur Camp North Madras Thermal Power Project—Procurement of the cart, based Thermal Plant Training Simulator—Approval accorded.

(Per) B.P. (FB) No. 168

(Technical Branch)

Dated 24-- - 1992

Aani 10. Aangeer sa, Thiruvalluvar A net 2023.

Read:

From Deputy Director/Thermal Training Institute/Ennore Letter No. D.33/92 dated 18—4—92.

Proceedings:

The Thermal Training Institute at Ennote is proposed to be shifted to Vallur Camp of North Madras Thermal Power Project with modern amenities and hostel accommodation which has been approved in (Permanent) B.P. (FB) No. 8 (Technical Branch) dated 6—1—1992. Regular courses are being conducted at the Thermal Training Institute/Ennote for training the Engineers and Technicians as per the syllabus prescribed by the Central Electricity Authority. The Central Electricity Authority is recommending the use of the Training Simulators for the hand-on training.

There are two types of Training Simulators. One is a Replical Simulator and other one is the c.r.t., (cathode-ray tube) based Simulator. In the Replical type the equipments, instruments, switchboards, panel boards are identical as that of the actual plant. However, the plant is mathematically modelled and is residing at the memory of the computer of the Simulators.

In case of c.r.t. based Simulator the Instruments, Control Panel, Switch Board are software based and are simulated in the c.r.t. screen by means of graphics. As in the Replica Simulator here also the plant is mathematically modelled and is available at the memory of the computer of the Simulator.

There is no difference in the functioning and scope of application of these two type of Training Simulators.

The c.r.t. based Simulator is less costlier, easy to install and maintain and requires less space. The c.r.t. based Training Simulator can be adapted for training 60 MW, 110 MW, 210 MW and 500 MW Units of our Thermal Power Stations with change only in the software. The hardware remaining the same.

A detailed specification is being evolved by the Committee which had been constituted for this purpose. However, Skeleton specification for the c.r.t. based Simulator is as follows with its tentative costs.

SI. No.

Description

Amount (in takhs of Rs.)

The Training Simulator is circly based with a main computer and allied system simulating static and dynamic condition of the actual 2:0 M.W., Thermal Units of both conventional and non-conventional type comprising of the following hardware and software.

1. HARDWARE:

70 00

Digital Computer System preferably a mainframe computer fully wired and programmed with all peripherals and interfacing equipment which are necessary to model the units like all processors, main memories and bulk storage devices. All programmers console with necessary terminals and printers. All the cable housing and covers required for the plant complete with necessary mounting equipment including holding down bolts and vibration absorbers with all wiring and cabling, cable trays, cable ducts and supports.

() (2)	(3)			
2.	SOFTWARE:	2 3 0.00			
	All plant modelling software, all plant control system software including logic control software with facilities like compliers, assemblers, binders, loader/builder, screen-base text editor. Facilities to allow the tuning, diagnosis and monitoring the simulation software with facilities for on-line monitoring and alteration of internal digital and analogue plant variables and other resident data with software testing-fault diagnosis-CAD documentation etc.				
3.	External cabling works, uninterrupted power supply system, air-conditioning system furniture etc.				
	Sub-Total Contingencies 5%	350.00 1 7.50			
	Sub-Total Centages 16.5%	367.50 60.6 4			
	. Total	428.14			

After careful consideration of the Board, approval is hereby accorded on the following:

- 1. For incurring an expenditure of Rs. 4.28 crores for purchasing and installing of c.r.t. based Training Simulator of both conventional and non-conventional type of 210 MW Units.
- 2 To prepare the detailed specification for the software and hardware of the Simulator for simulating the actual plant condition of the 210 MW Units of conventional and non-conventional type by the Committee which has been constituted.
 - 3. To invite open tenders from Indian Companies with multinational links.
- 4. To seek the help of the M/s. Tata Consulting Engineers for evaluating the technical suitability of the offers when received.
- 5. To pay a nominal consultation fee to M/s. Tata Consulting Engineers for rendering their help in deciding the tenders on technical merits.

(By Order of the Board)

R. Arunachalam,
Chief Engineer/Research & Development.

Memo No. 12149/P1/92-1, (Secretariat Branch) Dated the 26th June 1992.

Sub: Establishment — Tamil Nadu Electricity Beard — employees against whem disciplinary preceedings is pending-Promotion to higher category—Instructions

already issued-Reiterated.

Ref: Beard Office Secretariat Branch Memo. No. 34960/P1/86-2 dt. 16-9-86.

Along with the Board's Memo. cited, a copy of the order of the High Court in W.M.P. No. 5203 and 5204 of 86 and W. M.P. No. 7873 and 7874 of 86 in W. P. Nos. 3402 and 3403 of 86 was communicated to the Officers of the Board. According to the orders of High Court referred to above, promotions in the Board should be effected without reference to the guidlines issued by the Board in B.P. Ms. No. 155 (SB) dt. 27—4—1984 which are the subject matter of controversy, but promotions should be effected purely on the statutory regulations, embodied in Regulation 98 and Regulation 106 (c) of the Tamil Nadu Electricity Board Service Regulations.

2. During the discussions held with the Unions it was represented that in many cases when disciplinary proceedings are pending against employees they are not considered for promotion and by this the provision in Regulation 106(c) of the Tamil Nadu Electricity Board Service Regulations are not being followed. The instructions already issued in the matter reffered to in para 1 above are quite clear that the promoting Authority can consider and promote temporarily to a higher post an employee against whom Disciplinary Proceedings is pending if he is other wise found suitable. Therefore an Authority should not leave a saction of employees without consideration for promotion just for the reason that Disciplinary Proceedings are pending against them. The Chief Engineers, Superintending Engineers and other Officers of the Board are requested to follow the instructions already issued referred to in para 1 above in the matter and not to give reom for any complaint in this regard.

(By Order of the Chairman)

A. K. Thiyagarajan, Secretary.

Memo. No. 010361/50/S2/A1/92-6, (Administrative Branch) Dated 27-6-92.

Sub: ESTABLISHMENT—Class I to IV Services—Provincial and Regular Work Establishment Category—Annual General Continuance for the year 1991-92—Authorisation of pay for the month of June 1992—Orders—Issued.

Pending issue of orders for continuance of posts pay and allowances for the month of June 1992 for the incumbent of the posts whose sanctions have expired from 1—3—91 to 31—3—92 in respect of Distribution Circle, other offices and Projects concerned as indicated in the Annexure, including those posts which stand abolished by specific order shall be claimed and admitted.

(By Order of the Chairman)

S. Deenadayalan, Chief Engineer/Personnel.

Enci: One Annexure

Endl:
ARREXURE to the Memo. No. 010861/50/62/A1/59-0, Dated 27—6—1862.

SI. No.	Neme of the Distribution Circle/Office	Previncial	R.W.E.	
COIME	BATORE REGION :			
1.	Ceimbetore Elecy. Distn. Circle/South	1224	3153	
2	Ceimbetore Elecy. Disth. Circle/North	948	2110	
	Udumelpet Elecy. Distn. Circle	89 6	2214	
4.	Periyer Elecy. Distn. Circle	1400	3602	
	RE REGION : Bharmapuri Elecy. Distn. Circle	4.091	9766	
	Cuddelere Elecy Distri. Circle	1031 1088	2766 2 726	
	Tiruvennemelai Elecy. Distri. Circle	1180	8213	
	Vellere Elecy. Dietn. Circle	894	2016	
MADR	AS REGION :			
1.	Kancheepurem Elecy. Distn. Cirele	862	2222	
2.	Changalpattu Elacy. Distn. Circle	768	1807	
_	Medree Elecy Distri Circle/Central	1046	2696	
4.		1146	2604	١.
- ₽.	Madres Elecy. Distr. Circle/South RAI REGION:	1133	2831	. ′
		1634	2954	
1.	Madurai Elecy. Distn Circle Kamarajar Elecy. Distn Circle	1531 - 8 81	3254 1870	
	Romanathapuram Elecy. Distri. Circle	977	1925	
4	Kanyakumari Elecy, Distn. Circle	698	982	-
5.	Tirunelveli Kattabomman Elecy. Diatn. Circle	1359	2638	
0,	Chidambaranar Elecy. Distn. Circle	842	1629	
-	Y REGION:			
1.		1010	3354	
	Trichy Elecy. Dietn. Circle/South	1082	2620	-
4.	Trichy Elecy. Distr. Circle/North Thenjavur Elecy. Distr. Circle	1107 920	25 84	-
5.		789	1521	•
6	Pudukkettai Elecy. Dietn. Circle	520	1325	
PROJE				
1.	Hydro Project/Bhavani	151	58	
2.	Mettur Thermal Power Station	837	5 62	
3	Basin Bridge Power House	63	75	
HEAD	QUARTERS OFFICE:	177 11 11 11	trophy of the same	
1.		55.	rec 🧎 🥞	
2 3	S.E / Materials Management—II	41	•	
3 4.	S.E./Industrial Energy Management Cell Superintending Engineer/Investigation	: 36 : 1 43	2 2 5 2	
5.	Chief Engineer/Protection and Communication/Madras		202 3 3 . 9 7	
6.	Chief Engineer/R&D	53	24	
7.	Executive Engineer/Stores Inspection	14		
₽.	Administrative B ench	428	_	
9	Nari nanam Gas Turbine Project/MTPP	28	12	
10. 11.	S.E./ Setror Workshop Circle Suberititending Engineer Design/T.T.P.P.	92 *	81 5	
12	Superintending Engineer/R.E.&I. (D)	43	4 /	
13	Superintending Engineer/Plenning	50	6	
14.	Member Generation Unit III (Personal staff)	4		
15	S E./Madras Development Circle	59	101	
16	Chief Englineer/Distri/Medias Region	6 5	_ ·	
17.	S E /Design/E ect./N.M.T.P P.	33	1	

LABOUR—Revision of scales of pay and allowances to employees of Board from 1—12—1992 — Revision of work allocation and Staff pattern in certain areas—Discussions—Orders—Issued.

(Permanent) B P. (FB) No. 37

(Secretariat Branch)

Dated: 29th June, 1992.

Proceedings:

In pursuance of a Memorandum of Settlement under Section 18(1) of the Industrial Disputes Act, 1947 signed on 31—7—1989, orders were issued in (Per.) B.P. (FB) No. 57 (S.B.) dated 5—8—1989 revising the scales of pay, rates of dearness allowance, house rent allowance etc. applicable to the various categories of workers of the Board as covered by the above Settlement with effect from 1—12—1988. It was agreed to by the parties to the Settlement on revision of scales pay and allowances that the terms of the Settlement on revision of scales and allowances would be in force for a period of four years from 1—12—1988. The terms of the said Settlement will expire on 30—11—1992. Apart from the orders in the Board Proceedings mentioned above, orders were also issued in (Per.) B.P. (FB) No. 60 (S.B.) dated 24 -8—1989 revising the scales of pay, dearness allowance, etc. of the Officers of the Board not covered by the Settlements referred to above.

- 2. At the time of conclusion of 1988 Wage Revision Settlement in July, 1989, based on the requests of the Unions, it was agreed that work-load revision discussion would be held separately. Discussion and Settlement in this regard are not yet over. The Tamil Nadu Electricity Board has decided that based on the above agreement discussions and Settlement on revision of work allocation and Staff pattern of field staff and Stores staff be completed first and thereafter, discussions on ensuing revision of scales of pay, dearness allowance, etc. and also discussions on revision of work allocation and staff pettern on revenue accounting staff and assessment and collection staff shall be taken up following the same procedure as followed in the Wage Revision discussions of 1988.
- 3. Accordingly, the Tamil Nadu Electricity Board directs that discussions with the representative of the employees regarding revision of Pay scales, allowances, etc. a d revision of work allocation and staff pattern of revenue accounting and assessment and collection staff be held after the conclusion of discussion and Settlement on revision of work allocation and staff pattern of field staff and stores staff. The Board also directs that a committee consisting of the following Officers of the Board will represent the Board and hold discussions on these issues:—
 - (1) Accounts Member (Chairman)
 - (2) Member (Distribution)
 - (3) Member (Generation)
 - (4) Secretary (Convenor)
 - (5) Chief Engineer (Personnel) and
 - (6) Officer on Special Duty

(By Order of the Board)

A. K. Thiyagarajan, Secretary. Establishment—Tamil Nadu Electricity Board—Thiru V. Ananthasamy, Chief Engineer/Hydro Projects, Bhavani retiring on 30-6-1992—Re-employment—Orders—Issued.

(Per.) B.P. (F.B.) No. 38

(Secretariat Branch)

Dated 30-6-1992, Aani 16, Aangeerasa, Thiruvalluvar Aandu 2023.

Read:

- (i) B.P.Ms. No. 392 (S.B.) dated 2-8-82.
- (ii) From the C.E. (Personnel) Memo No. 149181/S1/47/A2/90-1, dated 23-1-91.

Proceedings:

At present, the Chief Engineer/Hydro Projects, Bhavani is looking after the works relating to Sathanur Hydro Electric Project, Lower Bhavani Right Bank Cenal Hydro Electric Project, Punachi Micro Hydel Project, Civil maintenance works of all hydro stations and special works relating to Kadamparai Power House. The works relating to Punachi Micro Hydel are in the final stages. Consequent on the fire accident in Kadamparai Power House during October'89, the re-eraction of civil structures relating to the generator transformer cavern of units 3 and 4 are under progress. During renovation works of Kedamparai Power House, it was noticed that there was a buckling of steel liner in the pressure tunnel No. 1. This is the first occasion such an occurrence has happened in the pressure tunnel and only when this repair work is completed, it will be possible to start the Unit-I of Kadamparai Power House which is otherwise ready in all respects for operation. The repair works relating to buckling of penstock is under progress. Recently, a leakage has been experienced in the Kodayar pipe tunnel between surge shaft and valve power house. In order to arrest the leakage, it is proposed to take up grouting and epoxy treatment. As this work is also to be completed within the shortest time possible, as about 100 MW of generation will not be available during this period, it is necessary that experience of the senior officer who had been associated with this project is available for supervising the It is therefore considered necessary to re-employ Thiru V. Ananthasamy, Chief Engineer/Hydro Projects, Bhavani who is retiring on 30-6-1992 for a period of four months from 1 - 7-1992 F.N.

- 2. The Tamil Nadu Electricity Board after careful consideration hereby directs that Thiru V. Ananthasamy, Chief Engineer/(Civil) retiring on superannuation on 30—6—1992 A.N. shall be re-employed for a period of four months from 1—7—1992 as Chief Engineer, Hydro Projects, Bhavani.
- 3. During the period of his re-employment. Thiru V. Ananthasamy, Chief Engineer/Civil/Hydr Projects/Bhavani will draw the last pay drawn by him inclusive of his pension.

(By Order of the Board)

A. K. Thiyagarajan, Secretary. Tamil Nadu Electricity Board—Board Office Secretariat Branch-Sanction of One post of Assistant in Board Office Secretariat Branch—Orders Issued.

(Per.) B.P. (Ch.) No. 107

(Secretariat Branch)

Dated 30-6-1992.

Proceedings:

Sanction is accorded for the creation of One post of Assistant in the scale of pay of Rs. 1210-35-1490-40-2050 in Board Office Secretariat Branch to clear the arrears relating to the granting of permission under Conduct Regulations for various transactions of Class I Officers of Board in Board Office Secretariat Branch for a period of Six months from the date of utilisation.

- 2. The incumbent of the post sanctioned in para. 1 above will be eligible to draw the Pay, Dearness Allowance and other allowances at the rates admissible under the orders in force.
- 3 The expenditure is debitable to "Tamil Nadu Electricity Board Funds—Revenue expenses—75—Employees cost 75-1 Salaries 75.110 Salaries Provincial".

(By Order of the Chairman)

A. K. Thiyagarajan, Secretary.

Finance

PART-III

Finance

T. N. E. B. — E. T. P. S. — Maritorious Productivity Reward of Government of India for the calendar year 1990—Award Amount—Disbursement—Orders issued.

(Per) B.P. (F.B.) No. 140

(Technical Branch)

Dated: 2-6-1992, Vaikasi 20, Aangeerasa, Thiruvalluvar Aandu 2023.

Read:

- 1. From Govt. of India, Ministry of Power and Non-conventional Energy Sources Lr. No. 6/3/90-OM dt. 17-3-1992.
- 2. Minutes of the 631 meeting of TNEB held on 26 5 92 item 12.

Proceedings:

The Ministry of Power and Non-conventional Energy Sources have intimated the sanction and sent an award amount of Rs. 2.00 lakhs for Ennore Thermal Power Station towards Meritorious Productivity reward for the calendar year 1990. The above amount of Rs. 2.00 lakhs (Rupees two lakhs only) is to be distributed among the employees of Ennore Thermal Power Station.

- 2. The Tamil Nadu Electricity Board accords sanction for distribution of the above amount among the employees of Ennore Thermal Power Station subject to the following terms and conditions.
- (a) All employees borne on the rolls of Ennore Thermal Power Station during the calendar year 1990 and who were on actual duty (including casual leave, but excluding other kinds of leave) for a minimum of two hundred days during the calendar year 1990 shall be eligible for the award.
- (b) The award shall be distributed in proportion to the salaries drawn by the employees as on 31—12—1990 at Ennore Thermal Power Station. (The term 'Safary' means basic pay plus fixed D. A. and variable D.A.).
- (c) The award amount shall not exceed the salary of the concerned employees for the month of December 1990.

The Chief Engineer/E. T.P.S. & B.B.P.H. shalf take action to disburse the award amount in the above manner and furnish the utilisation certificate at an early date.

(By Order of the Board)

S. Ramaswamy, Chief Engineer/Thermal Design.

ALLOWANCES—Revision of Dearness Allowance to employees of Tamil Nedu Electricity Board from 1—7—91 in respect of employees drawing pay above Rs. 3,500/- p.m. and 1—1—92 to all employees—Orders—Issued.

(Permanent) B.P. (Ch) No. 83 (Sacretariat Branch) Dated 4—6—1992. (Annexures II & III substituted as amended in BOSB Memo No. 74235 N2/91—4 Sectt. Branch dated 20th June 1992).

Read:

(1) (Permanent) B.P. (FB) No. 57, dt. 5—8—89.

(2) (Permanent) B.P. (FB) No. 60, dt. 24-8-89.

(3) (Permanent) B.P. (CH) No. 277, (S.B.) dt. 30-10-91.

(4) Board Memo. (Permanent) No. 81146/N2/90-11, dt. 7-11-91.

Proceedings:

In Pursuance of the orders in Para N*(2) (b) of (Permanent) B.P. (F.B.) No. 57, Secretariat Branch, dated 5—8—1989 and paragraph 1 (2) (b) of (Permanent) B.P. (FB) No. 60, Secretariat Branch, dated 24—8—1989, the Tamil Nadu Electricity Board considered the question of revision of the rates of Dearness Allowance from 1—7—91 in respect of the employees drawing pay above Rs. 3,500/- p.m. and from 1—1—92 for all the employees.

2. The Tamil Nadu Electricity Board sanctions the revised rate of Dearness Allowance to the employees as follows:—

Date from which payable	Pay Range	Revised rate of D.A. (p.m.)
1st July 1991	Above Rs. 3,500/-	 45 per cent of pay subject to a minimum of Rs. 2,100/-p.m.
1st January 1992	Upto Rs. 3,500/- Above Rs. 3,500/-	 71 per cent of pay 53 per cent of pay subject to a minimum of Rs. 2,485/- p.m.

Regarding sanction of additional instalments of Dearness Allowance to the employees drawing pay above Rs. 3,500/- p.m. the amount of additional instalments of Dearness Allowance falling due from the 1st July 1991 and from 1st January 1992 onwards shall not be paid in cash, but instead, it shall be credited to their respective Provident Fund Accounts. The details of admissibility of revised Dearness Allowance for the employees drawing pay above Rs. 3,500/- p.m. and the amount to be credited to the respective General Provident Fund Account are shown in the Annexure-11 to this order. But, no additional instalments of Dearness Allowance falling due with effect from 1st July 1991 and from 1st January 1992 shall be credited to the General Provident Fund Account in respect of the employees during the last four months of their service before retirement.

3. In respect of the employees drawing pay upto Rs. 3,500/- p.m., the Board has decided that the arrears due on the additional instalments of Dearness Allowance canctioned from 1st January 1992 to 30th April 1992 will be credited to their respective General Provident Fund Accounts instead of paying in cash. The amount of additional instalments of Dearness Allowance will be paid in cash from May 1992 onwards. The details of admissibility of revised Dearness Allowance for employees drawing pay upto Rs. 3.500/- are shown in the Annexure—I to this order. In respect of employees for whom no General Provident Fund subscription has so far been recovered, the arrears shall be credited as and when General Provident Fund Account is opened.

In respect of those who have already retired from service, the arrears of Dearness Allowance consequent on the revision ordered in this order shall be paid in cash.

- 4. The arrears of Dearness Allowance to be credited to the respective General Provident Fund Account from employees, those drawing pay upto Rs 3,500/- p.m. and above Rs 3,500/- p.m. shall not be taken into account for sanction of either temporary advance or part final withdrawal and will be released only at the time of retirement.
- 5. For the purpose of calculation of revised Dearness Allowance, the basic pay including Personal Pay, if any, shall be taken into account. In cases, where the pay plus Personal Pay of employees fall between the two pay ranges indicated in column (1) in Annexures I and II to this order, the revised Dearness Allowance shall be worked out at the specified percentage rates. The revised Dearness Allowance shall be rounded to the nearest rupes.
 - The receipt of the order should be acknowledged.

(By Order of the Chairman)

A.K. Thiyagarajan, Secretary.

A N N E X U R E-15
REVISED RATES OF DEARNESS ALLOWANCE

_	With		With effect	
Pay.	effect from 1—1—92	Pay	from 1—1—92	
(1)	(2)	(1).	(2)	
Rs.	Rs.	Rs.	Rs.	
870	61.8	1465	1040	
886	628	1470	1044	
900	639	1490	1058	
915	65 0	1495	1061	
930	690	1500	1065	
945	671 6 82	1530	1086	
96€ 97 6	6 92	1 535 15 4 0	1090 1093	
990	70 3	1560	11Q 8	
1005	714	1570	1115	
1015	721	1585	1125	
1020	724	1,590	1129	
1040	738	1605	1140	
1060	753	1610	<u>1</u> 143	
1065	756	16 2 0	115 0	
1080	797	1630	1157	
1090	77 4	1640	1164 1172	
110 0 1110	781 78 8	1650 1670	1186	
1115	792	1675	1189	
1,12€	7 9 5	1680	1193	
1140	809	1690	1 200	
1165	827	1710	1214	
1170	831	1720	1221	
1196	845	1730	1228	
1200	852	1740	1235	
1238	873	1745	1239	
124 0 1245	880 884	1765 17 ⁷ 0	1 253 1 257	
1 26 0	895	1780	1264	
1265	898	1800	1278	
1280	909	1810	1285	
1290	916	1820	1292	
1300	92 3	1850	1 314	
1315	93 <u>4</u>	1855	1317	
1320	937	1860	1321	
1325	941	1880	1335	
13 3 5 13 4 0	948 9 51	1 9 00 1910	13 49 1356	
1350	959	1 420	1363	
1360	966	1930	1370	
1370	973	1940	1377	
1385	98 3	1945	1381	
1 3 95	990	1970	1399	
1405	998	1980	1413	
1410	1001	2000	1420	
1420	1008	2010	1427	
143 0 144 0	101 5 10 22	20 35 - 2050	14 4 5 1456	
1450	1030	2060	1463	
1455	1033	2080	1477	

(1)	(2)	(1)	(2)
Rs.	Rs.	Rs.	Rs.
2120	1505	272 5	1935
2125	1509	2760	1960
2 130	1512	2765	1963
2170	1541	2800	1988
2180	1548	2815	1999
2200	1562	2870	2038
2215	1573	2875	2041
2240	1590	2910	2066
2260	1605	2960	2102
2275	1615	2985	2119
2 28 0	1619	3015	2141
2300	1633	3920	2144
2350	1669	3050	2166
2360	1676	3095	2197
2365	1679	3100	2201
2420	1718	3115	221 2
2455	1743	3130	2222
2475	1757	3140	2229
2480	1761	3205	2 276
2520	1789	3210	2279
2530	1796	32 5	2283
2540	1803	3230	2293
2545	1807	3240	2300
2565	1821	3315	2354
2600	1846	3320	2357
2620	1860	3330	2364
2635	1871	3350	2379
2655	1885	3415	2425
2660	1889	3425	2432
2680	1903	3430	2435
2690	1910	3460	2457
2710	1924	3500	2485

Encl. :

ANNEXURE-II

Pay	Dearness Allowance drawn at the rate of 28 per cent with effect from 1st January 1990	Рау	Revised Dearness Allowance at the rate of 45 per cent with effect from 1st July 1991	Amount to be credited in to G.P.F. A/c. with effect from 1st July 1991 (Per month)
(1)	(2)	(3)	(4)	(5)
Rs. 3,501	Rs.	Rs. 3,501 to	Rs.	Rs.
to	1,330	4,669 4,670 4,700 4,725	2 ,100 2 ,102 2,115 2,126	770 772 785 796
4.750 4.800	1,344	4,750 4 ,800	2.1 3 8 2 ,160	808 816
4,850 4,950 5,000	1,358 1,386 1, 4 00	4,8 50 4,950 5 ,000	2,183 2,228 2,250	825 842 850
5,100 5,150 5,250	1,428 1,442 1,470	5,100 ° 5,150 5,25 0	2,295 2,318 2,363	867 8 76 893
5,300° 5,400 5,550	1,484 1,512 1,554	5,300 5, 4 00 5,55 0	2,385 2,430 2, 4 98	901 918 944
5,700 to 7,300	1,596	5,700 to 7,300	2,565	969

ANNEXURE--III

Pay.	Dearness Allowance drawn at the rate of 28 per cent with effect from 1st January 1990.	Pay	Revised Dearness Allowance at the rate of 53 per cent with affect from 1st January 1992.	Amount to be credited into G.P.F. A/c with effect from 1st Jenuary 1992.
(1)		(3)	(4)	(5)
Rs.	Rs.	Rs.	Rs.	Rs.
3,501		3,501		
		to		
<u>}</u>		4,689	2.485	1,155
to	1,330	4 690	2,486	1,156
ļ		4,700	2,491	1,1 <u>6</u> 1
4 [4,725	2,504	1,174
4,750		4,750	2.518	1,188
4,800	1,344	4,800	2,544	1,200
4,850	1,358	4,850	2,571	1,213
4,950	1,386	4,50	2,624	1,238
5,000	1,400	5 000	2,65●	1,250
5,100	1,428	5,100	2.703	1,275
5,150	1,442	5,150	2,730	1,288
5,250	1,470	5,250	2.783	1,313
5,300	1,484	5 ,300	2,80 9	1,325
5,400	1,512	5, 40 0	2,862	1,350
5,5 5 0	1,554	5,550	2,942	1,3 8 8
5, 70 0		5,70 0		
to	1,596	to	3,02 1	1 425
7,300		7,300		

Incentive Scheme—Grant of Annual Thermal Incentive Bonus to workmen and Officers of Ennore Thermal Power Station for year 1991-92 pending signing of Sec. 12(3) settlement under Industrial Disputes Act, 1947 on changes to existing Incentive Schemes—Orders—Issued.

(Per) B.P. (Ch) No. 86

(Secretariat Branch)

Dated 5—6—1992, Vaikasi 23, Aangeerasa, Thiruvalluvar Aandu 2023.

Read:

- 1. B.P. Ms. No. 309, dt. 7-3-78.
- 2. B.P. Ms. (FB) No. 34, dt. 28-4-86.
- 3. (P)B.P. (FB) No. 3, dt. 6-1-90.
- 4. (P)B.P. (FB) No. 24, dt. 1—6—90.
- 5. (P)B.P. (Ch) No. 201, dt. 13-9-90.
- 6. (P)B.P. (Ch) No. 162, dt. 27-6-91.

Proceedings :

At present, a monthly Thermal Incentive Allowance Scheme is in existence in the Ennore Thermal Power Station from the year 1978–79 subject to the achievement of the target as prescribed in the Board Proceedings first cited. Discussions were held with the Unions regarding introduction of an Annual Thermal Incentive Bonus Scheme in the Ennore Thermal Power Station and for making certain changes to the Annual Thermal Incentive Allowance Scheme already available in the Ennore Thermal Power Station and Tuticorin Thermal Power Station and based on the understanding reached, summary records of discussions were signed on 20th July, 1989 with the two Unions recognised under the Code of Discipline and five centrally affiliated Unions. It has been agreed that a settlement under Section 12 (3) of the Industrial Disputes Act, 1947 may be signed before the Commissioner of Labour, Madras on this issue. Signing of this settlement is likely to take some more time. Pending signing of settlement, Annual Thermal Incentive Bonus to the employees of Ennore Thermal Power Station was granted for the years from 1987–88 to 1990–91. Proposal has been received for payment of the Annual Thermal Incentive Bonus to the staff of the Ennore Thermal Power Station for the year 1991–1992.

2. After careful consideration of the proposal, pending signing of a settlement under Section 12(3) of the Industrial Disputes Act, 1947 the Tamil Nadu Electricity Board directs that for achieving an annual average output corresponding to 4165 Kwh/kw. during the year 1991–1992, the workmen and officers borne on the rolls of the Ennore Thermal Power Station, who had been on actual duty (Casual Leave to be treated as actual duty) for atleast 200 days during the period from 1st April, 1991 to 31st March 1992 shall be paid Annual Thermal Intensive Bonus, based on the eligibility shown in paras 1 and 2 of the Annexure to these proceedings, subject to the deductions mentioned in para 3 of the Annexure.

(By Order of the Chairman)

A. K. Thiyagarajan, Secretary,

ANNEXURE

1. Annual Thermal Incentive Bonus for Workmen borne on the Rolls of Ennore Thermal Power Station covered by (Permanent) B.P. (FB) No. 57 (SB), dt. 5—8—89 for the year 1991-1992.

	·
PAY RANGE 1988 SCALES	Rs.
Upto 899	440
900—949	480
950—999	520
10001049	56C
1050—109 9	600
1100 1149	640
1150-1199	680
1200—1249	720
1 2 50—129 9	760
1300—1349	800
1350—1399	840
1 400—1455	880
1456 and above	920

2. Annual Thermal Incentive Bonus for Officers borne on the Rolls of Ennore Thermal Power Station covered by (Per) B.P. (FB) No. 60 (SB), dt. 24 - 8-89 for the year 1990—1991.

(a)	For the fo	ollowing Categories of Officers:	Rs.
	(i)	Assistant Administration Officer/Assistant Accounts Officer/Stores Officer/Medical Officer.	920
	(ii)	Assistant Executive Engineer/Senior Chemist	1320
	(iii)	Accounts Officer/Chief Stores Officer/Labour Welfare Officer	1320
	(iv)	Executive Engineer & Deputy Financial Controller	1640
	(v)	Superintending Engineer	1920
	(vi)	Officers above the level of Superintending Engineer	2 12 0

(b) For Officers not covered by item (a) above :

Pay Ranges	Rs.
212 02999	920
3000 and above	1080

3. Total quantum of Annual Thermal incentive Bonus payable to the workmen and Officers as per eligibility under Paras 1 and 2 above should be worked out. Total quantum of overtime wages paid to the staff of the Ennore Thermal Power Station for the extra hours approved and worked during the year 1991-1992 should also be worked out. The percentage of the total quantum of overtime wages paid to the total quantum of Annual Thermal Incentive Bonus payable should be found out. For all individual workmen and officers, from the Annual Thermal Incentive Bonus admissible as per paras 1 and 2 above deduction applying the above percentage should be made and the balance amount only should be paid.

PENSION—Dearness Allowance to Pensioners and Family Pensioners—Revised rates from 1-1-92—Orders—Issued.

(Per) B.P. (Ch.) No. 87

(Secretariat Branch)

Dated the 9th June, 1992. Vaikasi 27, Aangeerasa, Thiruvalluvar Aandu 2023.

Read:

- 1. (Per) B.P. (Ch) No. 310, (SB), Dt. 13-12-91.
- 2. From Govt. Finance (Pen.) Dept., G.O. Ms. No. 362, Dt. 21-5-92.

Proceedings:

Government of Tamil Nadu have revised rates of Dearness Allowance to their Pensioners/Family Pensioners admissible from 1—1—92. It has been decided to adopt the Government rates of Dearness Allowance to the Pensioners and Family Pensioners of the Tamil Nadu Electricity Board also.

2. After careful consideration, the Tamil Nadu Electricity Board directs that the revised rates of Dearness Allowance ordered from 1—1—92 to the Pensioners and Family Pensioners of the Board shall be paid at the following rates:—

Period	Pension/Family Pension per month	Rate of revised Dearness Allowance per month
From 1st January 1992	1. Not exceeding Rs. 1,750/-	71 per cent of Pension/ Family Pension.
	 Exceeding Rs. 1,750/- but not exceeding Rs. 3000,- 	53 per cent of Pension/ Family Pension subject to a minimum of Rs. 1,243/-
	3. Exceeding Rs. 3,000/-	46 per cent of Pension/ Family Pension subject to a minimum of Rs. 1,590/-

3. The difference between the Dearness Allowance drawn from January 1992 and the revised Dearness Allowance now ordered shall be drawn as arrears for the Pensioners/Family Pensioners. The details of admissibility of Dearness Allowance with effect from 1st January 1992 are indicated in the Annexure, to this order. The amount of Dearness Allowance shall be rounded off to the next higher rupee. In the case of divisible Family Pensioners, the Dearness Allowance shall be divided proportionately and paid.

(By Order of the Chairman)

N. Hari Bhaskar, Chairman.

Encl.:

ANNEXURE

Revised Dearness Allowance admissible from 1st January 1992.

· (Note;	EG = Ex-grati	a P/FP = Pe	nsion/Family Pe	nsion DA =	= Dearness A	llowance)
EG	150		<u>-</u>			.
DA	· 107 ·					
P/FP	375 to 376	377	378	379 to 380	381	382 to 383
DA	267	268	269	270	271	272
P/FP	38 4	385	386 to 387	388	389 to 390	391
DA	2 73	274	275	276	277	278
P/FP	39 2	393 to 3 94	395	396 to 397	398	399 to 400
DA	279	280	281	282	283	284
P/FP	401	4 ● 2	403 to 404	405	406 to 407	408
DA	285	286	287	288	289	290
P/FP	409	410 to 411	41 2	413 to 414	415	416
DA	2 9 1	292	293	294	29 5	296
P)FP	417 to 418	419	420 to 42 1	422	423	424 to 425
DA	297	298	299	300	301	302
P/FP	426	427 to 428	429	430	431 to 432	43 3
DA	303	304	305	306	307	308
P/FP	434 to 435	436	437 to 438	439	440	441 to 442
DA	309	310	311	312	313	314
P/ F P	443	4 44 to 445	446	447	448 to 449	450
DA	315	316	317	318	319	320
P/FP	451 to 452	453	454	455 to 456	457	458 to 459
DA	321	322	323	324	325	3 2 6
P/FP	460	461	462 to 463	4 64	465 to 466	467
DA	327	328	329	330	331	332
P/FP	468 to 469	470	471	472 to 473	474	475 to 476
Da	333	334	335	336	337	338
P/FP	477	478	479 to 480	481	482 to 483	· 484
DA	339	340	341	342	343	344
P/FP	485	486 to 487	488	489 to 490	491	492
DA	345	346	347	348	349	350
P/FP	493 to 494	495	496 to 497	498	499 to 500	501
DA	351	352	353	3 5 4	.355	356
P/FP	502	503 to 504	505	506 to 507	50 8	509
DA	357	358	359	360	361	362
P/FP	510 to 511	512	513 to 514	515	516	517 to 518
DA .	363	364	365	366	367	368
P/FP	519	520 to 521	522	523	524 to 525	526
DA	369	370	371	37 2	373	374
P/FP	527 to 528	529	530	531 to 532	533	534 to 535
DA	375	376	377	378	379	380

P/FP	536	5 37 to 538	539	540	541 to 542	543
DA	381	38 2	383	384	385	386
P/FP	544 to 545	546	547	548 to 549	550	551 to 552
DA	387	388	389	390	391	392
P/FP	553	554	555 to 556	557	558 to 559	560
DA	393	394	395	396	397	39 8
P/FP	561	562 to 563	564	565 to 566	567 ³	568 to 569
DA	3 99	400	401	402	403	404
P/FP	570	571	572 to 573	574	575 to 5 76	577
D 4	405	406	407	408	409	410
P/FP [:]	578	579 to 580	5 8 1	582 to 583	584	585
DA	411	412	413	41 4	415	416
P/FP	586 to 587	588	589 to 590	591	592	593 to 594
DA	417	418	419	42 0	421	422
P/FP	595	596 to 597	598	599 to 600	601	60 2
	423	424	425	426	427	428
P/FP	603 to 604	605	606 to 607	60 8	609	610 to 611
	429	<i>4</i> 30	431	432	433	434
P/FP	612	613 to 614	615	61 6	617 to 618	61 9
DA	435	436	437	438	439	440
P/FP ···	620 to 621	6 22	623	624 to 625	626	627 to 628
	441	4 4 2	443	444	445	446
P/FP	629	630	631 to 632	633	634 to 635	636
DA	4 4 7	448	449	450	451	452
P/FP**	637 to 638	639	640	641 to 642	643	644 to 645
	453	454	455	456	457	458
P/FP [:]	646	647	648 to 649	650	651 to 652	653
DA	459	4 60	461	4 62	463	464
P/FP	654	655 to 656	657	658 to 659	660	661
DA	465	466	467	468	469	4 70
P/FP ¹	66 2 to 66 3	664	665 to 666	667	668 to 669	670
DA	471	472	473	474	475	476
P/FP	6 7 1	672 to 673	674	675 to 676	677	678
DA	477	478	479	480	481	482
P/FP	679 to 680	681	682 to 683	684	685	686 to 687
DA	483	484	485	486	487	488
P/FP ^{**}	688	689 to 690	691	692	693 to 694	695
DA	489	49 0	4 91	49 2	4 93	494
P/FP	696 to 697	698	699 to 700	701	702	703 to 704
	495	496	497	4 98	499	500
P/FP ^{: ·}	705	706 to 707	708	709	710 to 711	712
DA .	501	502	503	50 4	50 5	506
P/FP	713 to 714	715	716	717 to 718	3 719	720 to 721
DA	507	5 0 8	509	510	511	512
_					- • •	

P/FP	722	723	724 to 7 2 5	726	727 to 7 2 8	7 2 9 518
DA	513	514	515	516	517	
P/FP	730	731 to 732	733	734 to 735	736	737 to 738
DA	51 9	520	521	522	523	524
P/FP	73 9	740	741 to 742	7 43	744 to 745	746
DA	525	526	7 2 7	528	529	530
P/FP	747	748 to 749	750	751 to 752	753	754
DA	531	53 2	533	534	535	536
P/#P	755 to 756	757	758 to 759	760	761	762 to 763
9A	537	538	:539	540	541	542
P/FP	76 4	765 to 766	767	768 to 769	770	771
DA	54 3	544	545	5 4 6	547	548
P/FP	77 2 to 773	774	775 to 776	₹577	778	779 to 780
DA	549	5 50	551	- 552	553	55 4
P/FP	7 81	782 to 783	₹784	785	786 to 787	788
DA	555	556	₹557	558	559	660
P/FP	789 to 790	791	792	793 to 794	795	796 to 797
DA	561	562	563	564	565	566
P/FP	798	799 to 800	801	802	803 to 804	805: :
DA	567	568	569	570	571	572 ·
P/FP	806 to 807	808	809	810 to 811	812	813 to 814
DA	573	4 5 74	575	576	577	578
P/FP ·	815	ंप816	∈ 817 to 818	819	820 to 8 21	822:
	579	∮580	- ₹581	582	583	584
P/FP	823	824 to 825	826	827 to 828	829	830: :
	585	586	1587	588	589	590: \
P/FP	831 to 832	833	834 to 8 3 5	836	837 to 838	839
	591	592	593	594	595	596
P/FP /	840	841 to 842	843	844 to 845	8 4 6	8 47
	597	598	599	600	601	602
P/FP	848 to 849	850	851 to 852	853	854	855 to 856
DA	603	604	605	606 -	607	608
P/FP	857	858 to 859	860	861	862 to 863	864
DA	609	610	6 1 1	612	613	61 4
P/FP	865 to 866	8 67	868 to 869	870	871	872 to 873
DA	615	616	617	618	619	620
P/FP	874	875 to 876	877	878	879 to 880	881
DA	621	6 2 2	623	624	625	626
P/FP	882 to 883	884	885	886 to 887	888	889 to 890
DA	627	628	629	630	631	632
P/FP	8 91	892	893 to 894	89 5	896 to 897	898
	6 3 3	634	635	636	637	638
PΑ	000					

P/FP	908	909	910 to 911	912	913 to 914	915
DA	645	646	647	648	649	650
P/FP	916	917 to 918	919	920 to 921	922	923
DA	651	652	653	654	655	656
P/FP	924 to 925	926	927 to 928	929	93.0	931 to 9 32
DA	657	65 8	659	660	661	662
P/ FP	9 3 3	934 to 935	936	937 to 938	939	940
D A	663	664	665	666	66 7	668
P/FP	941 to 942	943	944 to 945	946	947	948 to 949
DA	669	670	671	672	673	674
P/FP	, 950	951 to 9 52	953	95 4	955 to 9 5 6	957
DA	675	676	677	678	679	6 80
P/FP	958 to 9 59	960	961	962 to 963	964	965 to 9 6 6
DA	6 81	68 2	683	684	685	686
P/ F P	967	968 to 969	970	971	97 2 to 973	974
D A	687	688	689	690	691	69 2
P/FP	9 75 to 976	977	978	97 9 to 980	981	982 to 983
DA	693	694	695	696	697	698
P/FP	984	985	986 to 9 87	988	989 to 990	991
DA·	699	. 700	701	702	703	704
P/FP	992	993 to 994	995	996 to 9 97	9 98	999 to 1000
DA	705	706	707	708	709	710
P/FP	1000	1002	1003 to 1004	1005	1006 to 100	07 1008
DA	711	712	713	714	715	71 6
P/FP	1009	1010 to 1011	1012	1013 to 1 014	1015	1016
DA	717	718	7 1 9	7 2 0	721	722
P/FP	1017 to 1018	1019	1020 to 1021	1022	10 23	1024 to 1025
Da	.723	724	7 2 5	726	727	728
P/FP	1026	1027 to 1028	10 2 9	1030	1031 to 103	32 1033
DA	729	730	731	732		734
P/FP	1034 to 1035	. 1036	1037 to 1038	1039	1040 1	1041 to 1042
D A	7 3 5	736	737	738	739	740
P/FP	1043	1044 to 1045	1046	10 47	1048 to 104	19 1050
DA	741	742	743	7 44	745	746
P/FP	. 1051 to 1052	1053	1 054	1055 to 1056	·1057 1	1058 to 1059
DA	747	748	749	750	751	752
P/FP	1060	1061	1062 to 1063	1064	1065 to 106	56 1067
DA	753	754	755	7 5 6	757	758
P/FP	1068 to 1 06 9	1070	1071	1072 to 1073	1074 1	075 to 107 6
DA	759	760	761	762	763	764
P/FP	1077	1 078	1079 to 1080	1081	1082 to 108	3 1084
DA	7 6 5	766	.767	768	7 69	770
P/FP	10 85	1086 to 1087	10 88	1089 to 1090	1091	1092
DA	771	772	77 3	774	7 75	776
		-				

₽/FP	1093 to 1094	1095	1096 to 1097	1098	1099 to 1100	1101
DA	777	778	779	780	781	782
P/FP	1102	1103 to 1104	1105	1106 to 1107	1108	1109
DA	783	784	· 785	786	787	788
P/FP	1110 to 1111	1112	1113 to 1114	1115	. 1116	1117 to 1118
	789	790	791	792	793	794
P/FP	1119	1120 to 112	1 11 2 2	1123	1124 to 1125	1126
·DA	795	796	7 9 7	798	799	800
P/FP	1127 to 1128	1129	1130	1131 to 1132	1133	1134 to 1135
DA	801	80 2	803	804	805	806
·P/FP	113 6	1137 to 1138	1139	11 4 0	1141 to 1142	1143 -
·DA	807	808	809	810	811	812
P/FP	1144 to 1145	1146	1147	1148 to 1149	1150	1151 to 1152
DA	813	814	815	816	817	818
₽/FP	1153	1154	1155 to 1156	1157	1158 to 1159	1160
DA	81 9	820	821	822	823	824
P/FP	1 16 1	1162 to 1163	1164	1165 to 1166	1167	1168 to 1169
DA	825	826	827	828	829	830
P/FP	11 70	1171	1172 to 1173	11 74	1175 to 1176	1177
DA	8 3 1	832	833	8 34	835	836
₽/FP	1178	1179 to 1180	1181	1182 to 1183	1184	1185
ĐA	837	838	839	840	841	842
₽/FP	1186 to 1187	1188	1189 to 1190	119 1	119 2	1193 to 1194
ĐA	843	844	845	846	847	848
Æ/FP	11 95	1196 to 1197	1198	1199 to 1200	. 1 2 01	120 2
DA	849	850	851	852	853	854
P/FP	1203 to 1204	1205	1206 to 12 07	1 2 0 8	1209	1210 to 1211
DA	8 55	856	8 57	85 8	859	860
P/FP	121 2	1213 to 1214	1215	1216	1 21 7 to 1218	1219
DA	861	862	8 ₂ 3	864	865	8 66
₽/FP	1220 to 1221	12 2 2	1223	12 24 to 12 2 5	1226	1227 to 1228
ƊA	867	868	869	870	871	872
P/FP	1229	1 2 30	1231 to 1232	1 233	1234 to 1235	1236
DA	873	874	875	876	877	878
P/FP	1237 to 1238	1239	1240	1241 to 1242	1 24 3	1244 to 1245
	879	880	881	882	883	884
₽/FP	12 4 6	1247	1248 to 1249	1250	1 251 to 125 2	1253
DA	88 5	886	887	888	889	890
P/FP	1254	125 5 to 1256	1 257	12 5 8 to 1259	1 26 0	1 261
DA	8 91	89 2	893	89 4	8 95	896
₽/FP	1262 to 1263	1264	1265 to 1266	1267	1268 to 1269	1270
DA	8 9 7	8 98	899	900	901	902
rP/FP	1 271	1 2 72 to 1273	1274	1275 to 1276	1277	1 2 7 8 90 8
rDA	90 3	904	. 905	906	907	

P/FP	1279 to 1280	1281 · / · · · · · · · · · · · · · · · · ·	1282 to 1283	1284	1285	1286 to 1287
DA	909		911	912	913	914
P/FP	1288	1289 to 1290	1291	1292	1 2 93 to 1 2 94	12 95
DA	915	916	917	918	919	9 2 0
P/FP	1296 to 1297	1298	1 299 to 1 3 00	1301	1302	1303 to 1304
DA	921	922	923	924	92 5	926
P/FP	1 3 05	1306 to 1307	1308	1309 r	131 0 to 1311	13 1 2
DA	9 2 7	928	929	930 r	931	93 2
P/FP	1313 to 1314	1315	1316	1317 to 1318	131 9	1320 to 1321
DA	933	934	935	936	937	938
P/FP	13 2 2	1323	1324 to 1325	1326	1327 to 1328	13 2 9
DA	939	940	941	942	943	9 4 4
P/FP	1330	1331 to 133 2	1333	1334 to 1335	1336	1337 to 1 338
DA	945	946	947	948	949	9 5 0
P/FP	1339	1340	1341 to 1342	1343	1344 to 1345	13 4 6
DA	951	952	953	954	955	9 5 6
P/FP	1347	1348 to 1349	1350	1351 to 1352	1 3 53	13 54
DA	957	958	959	960	961	9 62
P/FP	1355 to 1356	1 3 57	1358 to 1359	1360	1 3 61	1362 to 1363
DA.	963	964	965	966	967	968
P/FP	1364	1365 to 1366	1367	1368 to 1369	1 3 70	137 <u>1</u>
DA	969	970	9 71	972	973	974
P/FP	1372 to 1373	1374	1375 to 1376	1377	1378	1 3 79 to 1380
DA	975	976	97 7	978	. 979 .	980
P/FP	13 8 1	1382 to 1383	1384	1385	1386 to 138 7	1388
DA	981	982	983	984	985	986
P/FP	1389 to 1390	1391	1392	1393 to 1394	1 3 95	1396 to 1397
DA	987	988	989	990	9 9 1	9 9 2
P/FP	1398	1399 to 1400	1401	1402	1403 to 1404	1405
DA	993	994	995	996	997	998
P/FP	1406 to 1407	1408	1409	1410 to 1411	1412	1413 to 1414
DA	999	1000	1001	1002	1003	1004
P/FP	1415	1416	1417 to 1418	1419	1 420 to 1 4 21	1 42 2
DA	1005	1006	1007	1008	1009	1010
P/FP	1423	1424 to 1425	1426	1427 to 1428	1429	1430
DA	1011	1012	1013	1014	1015	1016
P/FP	1431 to 1432	1433	1434 to 1435	1436	1437 to 1438	14 3 9
DA	1017	1018	1019	1020	1021	1022
P/FP	1440	1441 to 1442	14 4 3	1444 to 1445	1446	1447
DA	1023 ·	1024	1025	1026	1027	1028
P/FP	1448 to 1449	1450	1451 to 1452	1453	1454	1455 to 1456
DA	1029	1030	1031	1032	1033	1034
P/FP	1457	14 5 8 to 1459	1 4 60	1461	146 2 to 1463	1464
DA	1035	1036	10 3 7	10 3 8	1039	1 04 0

P/FP	1465 to 1466	146 7	1468 to 1469	1	1 471	1472 to 1473
DA	1041	10 42	1043		1045	1046
P/FP	1474	1475 to 1476	1477	1478	1479 to 1480	1481
DA	1047	1048	1049	1050	1051	105 2
P/FP	148 2 to 1483	148 4	1485	1486 to 1487	14 8 8	1489 to 1490
DA	1053	1054	105 5	1056	1057	1058
P/FP	1491	1 49 2	1493 to 1494	1495	1496 to 1497	1498
DA	1059	1060	1061	1062	1063	1064
P/FP	1499 to 1500	1501	1502	1503 to 1504	1505	1506 to 1507
DA	1065	1066	1067	1068	1069	1070
P/FP	1508	1509	1510 to 1511	1512	1513 to 1514	15 1 5
DA	1071	1072	1073	1074	1075	1076
P/FP	1516	1517 to 1518	1519	1520 to 1521	1522	15 2 3
DA	1077	1078	1079	1080	1081	10 8 2
P/FP	1524 to 1525	1526	1527 to 1528	1529	1530	153 1 to 1532
DA	1083	108 4	1085	1086	1087	1088
P/FP	1533	15 34 to 1539	5 1536	1537 to 1538	1539	1540
DA	1089		1091	1092	1093	1094
P/FP	1541 to 1542	1 54 3	1544 to 1545	1546	1547	1548 to 1549
DA	1095	1096	1097	1098	1099	1100
P/FP	1550	1551 to 1552	1553	1554	1555 to 1556	1 5 57
DA	1101	1102	1103	11 04	1105	11 0 6
P/FP	1558 to 1559	1160	1561	1562 to 1563	1564	1565 to 1566
DA	1107	1108	11 0 9	11 1 0	1111	1112
P/FP	1567	1568 to 1569	9 1570	15 7 1	1572 to 1573	1574
DA	1113	1114	1115	1116	1117	1118
P/FP	1575 to 1576	1 577	1578	1 579 to 1580	1 581	1582 to 1583
ĐA	1119	1 12 0	11 21	11 2 2	11 2 3	1124
P/FP	1584	1585	1586 to 1587	1 5 80	1589 to 1590	1591
DA	11 2 5	11 26	1127	1113	1129	11 30
P/FP	1592	1593 to 1594	4 1595	159 to 1597	1598	1599 to 1600
DA	1131	1132	1133	1134	1135	1136
P/FP	160 1	1602	1603 to 1604	1 605	1606 to 1607	1608
DA	1137	1138	1139	1 140	1141	1142
P/FP	1609	1610 to 161	1 1612	1613 to 1614	1615	1616
DA	1143	1144	1145	1146	- 1447	1148
P/FP	1617 to 1618	1619	1620 to 1621	1622	16 2 3	1624 to 1625
DA	1149	1 1 50	1151	11 5 2	1153	1154
P/FP	1626	1 627 to 1628	1629	1630	1631 to 1632	1633
DA	1155	1156	1157	1 ₁₅₈	1159	1160
P/FP	1634 to 1635	1636	1637 to 1638	1639	1640	1641 to 1642
DA	1161	1162	1163	1164	1165	1166
P/FP	164 3	1644 to 1645	164 6	10-7	1648 to 1649	1650
DA	1167	1168	1169	11-10	1171	1172

P/FP	1651 to 1652	1653	1654	1 6 55 to 1656	1657	1658 to 1659
DA	1173	1 174	1175	11 7 6	1177	1178
P/FP	1660	166 1	1662 to 1663	1664	1665 to 1666	1667
DA	1179	1180	1181	1182	1183	1184
P/FP	1668 to 16 6 9	1670	1671	1672 to 1673	1674	1675 to 1676
DA	1185	1186	1 1 87	1188	1 189	1 1 90
P/FP	1677	1678	16 7 9 to 1 680	1681	1682 to 1683	1684
DA	1191	1 19 2	1193	1194	1195	1196
P/FP	1685	1686 to 1687	1688	1689 to 1690	1691	16 92
DA	1 197	1198	1199	1200	1 2 01	12 02
P/FP	1693 to 1694	1695	1696 to 1697	1698	1699 to 1700	1701
DA	1203	120 4	1205	1206	1 2 07	1 2 08
P/FP	1702	1703 to 1704	1705	1706 to 1707	1708	1709
DA	1209	1210	1211	1212	1213	1214
P/FP	1710 to 1711	1712	1713 to 1714	1715	1716	1717 to 1718
DA	1215	1216	1217	1218	1219	1220
P/FP	1719	1720 to 17 2 1	1722	17 2 3	17 2 4 to 1725	1726
DA	1221	1222	1223	1224	12 2 5	1 2 26
P/FP	1727 to 1728	17 29	1730	1731 to 1732	173 3	1734 to 1735
D A	1227	12 2 8	1 22 9	1230	1231	123 2
P/FP	1736	1737 to 1738	1739	1740	1741 to 17 4 2	1743
DA	1233	12 3 4	1235	1236	2237	1238
P/FP	1744 to 1745	1746	1747	1748 to 1749	1750 to 2345	2346 to 2347
DA	1239	1240	1241	1242	1 2 43	1244
P/FP	2348 to 2349	2350	2351 to 2352	2353 to 2354	2355 to 2356	2357 to 2358
DA	1 245	1246	1247	1248	1249	1 250
P/FP	2359 to 2 360	2361 to 2362	2363 to 2364	2365 to 2366	2367	2368 to 2369
DA	1 251	1252	1253	1254	1255	1256
P/FP	2370 to 2371	2372 to 2373	2374 to 2375	2376 to 2377	2378 to 2379	2380 to 2381
DA	1257	1258	1259	1260	1261	1262
P/FP	2382 to 2383	2384	2385 to 2386	2387 to 2388	2389 to 2390	2391 to 2392
DA	1263	1264	1265	1266	1267	1268
P/FP	2393 to 2394	2395 to 2 396	2397 to 2398	2399 to 2400	2401	2402 to 2403
DA	1269	1270	1271	1272	1273	1274
P/FP	2404 to 2405	2406 to 2407	2408 to 2409	2410 to 2411	2 412 to 2 413	2414 to 2415
DA	1275	1276	1277	1278	1279	1280
P/FP	2416	2417 to 2418	2419 to 2420	2421 to 2422	2423 to 2424	2425 to 2426
DA	1281	1282	1283	1284	1285	1286
P/FP	2427 to 2428	2429 to 2430	2431 to 2432	2433	2434 to 2435	2436 to 2437
DA	1287	1288	1289	1290	1291	1292
P/FP	2438 to 2 439	2440 to 2441	2442 to 24 43	2444 to 2445	2446 to 2447	2448 to 2449
DA	12 9 3	1294	1295	1296	1297	1298
P/FP	2450	2451 to 2452	24 5 3 to 2 454	2455 to 2456	2457 to 2458	2459 to 2460
DA	1299	1300	1301	1302	1303	1304

P/F P	2461 to 2462	2463 to 2464	2465 to 2466	2467	2468 to 2 469	2470 to 2471
DA	1305	1306	1307	1308	1309	1310
P/FP	2472 to 2473	2474 to 2475	2476 to 2477	2478 to 2479	2480 to 2481	2482 to 2483
DA	1311	1312	1313	1314	1315	1316
P/FP	2484	2485 to 2486	2487 to 2488	2489 to 2490	2491 to 2492	2493 to 249 4
DA	1317	1318	1319	1320	1321	1322
P/FP	2495 to 2496	2497 to 2498	24 99 to 2500	2501	2502 to 2503	2504 to 2505
DA	13 2 3	1324	1325	1326	1327	1328
P/FP	2506 to 2507	2508 to 2509	2510 to 2511	2512 to 2 513	2514 to 2515	2516
DA	1329	1330	1331	1 332	1333	1334
P/FP	2517 to 2518	2519 to 2520	2421 to 2 522	2523 to 2524	2525 to 25 2 6	2527 to 2528
DA	1335	1336	1337	1338	1339	1340
P/FP	2529 to 2530	2531 to 2532	2 533	2534 to 2535	2536 to 2537	2538 to 2539
DA	1341	1342	1343	1344	1345	1346
P/FP	2540 to 2541	2542 to 2543	2544 to 2545	2546 to 2547	2548 to 25 49	2550
DA	13 4 7	1348	1349	1350	1351	1352
P/FP	2551 to 2552	2553 to 2554	2555 to 2556	2557 to 2558	2559 to 2560	2561 to 2562
DA	1353	135 4	1355	1356	1357	1358
P/FP	2563 to 2564	2565 to 2566	2567	2568 to 2569	2570 to 2571	2572 to 2573
DA	1359	1360	13 6 1	1362	1363	1364
P/FP	2574 to 2575	2576 to 2 577	2578 to 2579	2580 to 2581	2582 to 2 583	2584
DA	1365	1366	1367	1368	1369	1370
P/FP	2585 to 2586	2587 to 2588	2589 to 2 590	2591 to 2592	2593 to 2594	2595 to 2596
DA	1371	1372	1373	1374	137 5	1376
P/FP	2597 to 25 9 8	2599 to 2600	2601	2602 to 2603	2604 to 2605	2606 to 2607
DA	1377	1378	1379	1380	1381	1382
P/FP	2608 to 2609	2610 to 2611	2612 to 2613	2614 to 2 615	2616	2617 to 2618
DA	1383	1384	1385	1386	1387	1388
P/FP	2619 to 2620	2621 to 26 2 2	2623 to 2 624	2625 to 2626	2627 to 2628	2629 to 2 630
DA	1389	1390	1391	1392	1393	139 4
P/FP	2631 to 2632	2633	2634 to 2635	2636 to 2637	2638 to 2639	2640 to 2641
DA	1395	13 96	1397	1398	1399	1400
P/FP	2642 to 2643	2644 to 2645	2646 to 2647	2648 to 2649	2650	2651 to 2552
DA	1401	1402	1403	1404	140 5	1406
P/FP	2653 to 2654	2655 to 2656	2657 to 2658	2659 to 2660	2661 to 266 2	2663 to 2 664
DA	1407	1408	1409	1410	1411	1412
P/FP	2665 to 2666	2667	2668 to 2669	2670 to 2671	2672 to 2673	2674 to 2675
DA	1413	1 41 4	1415	1416	1417	1418
P/FP	2676 to 2 677	2678 to 2679	2680 to 2681	2682 to 2683	2684	2685 to 2686
DA	14 19	1420	1 42 1	1422	1423	1424
P/FP ·	2687 to 2688	268 9 to 2690	2691 to 2692	2693 to 2694	2695 to 2696	2697 to 269 8
	1425	1 42 6	1427	1 42 8	1429	1 43 0
P/FP	2699 to 2700	2701	2702 to 2703	2704 to 2705	2706 to 2707	2708 to 2709
DA	1431	1 43 2	1433	1434	1435	1436

P/FP	2710 to 2711	2712 to 2713	2714 to 2715	2716	2717 to 2718	2719 to 2720
DA	1437	1438	1439	1340	1441	1442
P/FP	27 2 1 to 272 2	2723 to 2724	2 72 5 to 2726	2727 to 2728	2729 to 2730	2731 to 2732
DA	1443	1444	1445	1446	1447	1448
P/FP	2733	2734 to 2735	2736 to 2737	2738 to 2739	2740 to 2741	2742 to 2 743
DA	1449	1450	1451	1452	1453	1454
P/FP	2 744 to 2745	2746 to 2747	2748 to 2749	2750	2751 to 2752	2753 to 2754
DA	1455	1456	1457	1458	1459	1460
P/FP	2755 to 2756	2757 to 2758	2759 to 2760	2761 to 2762	2763 to 2764	2765 to 2766
DA	1461	146 2	1463	1464	1465	1466
P/FP	276 7	2768 to 2769	2770 to 27 71	2772 to 2773	2774 to 2775	2776 to 2777
DA	1 4 67	1468	1469	1470	1471	1472
P/FP	2778 to 2779	2780 to 2781	2782 to 2783	2784	2785 to 2786	2787 to 2788
DA	1473	1474	1475	1476	1477	1478
P/FP	2789 to 2790	2791 to 2792	2793 to 2794	2795 to 2796	2797 to 2798	2 799 to 2800
DA	14 7 9	1480	1481	1482	1483	1 4 84
P/FP	2801	2802 to 2803	2804 to 2805	2806 to 2807	2808 to 2 809	2810 to 2811
DA	1 4 85	1486	1487	1488	1489	1490
P/FP	2812 to 2813	2814 to 2815	2816	2817 to 2 81 8	2819 to 2820	2821 to 2 822
DA	1491	1492	1493	1494	1495	1496
P/FP	2823 to 2 824	2825 to 2826	2827 to 2728	2829 to 2830	2831 to 2832	2 833
DA	1497	1498	1499	1500	1501	1502
P/FP	2834 to 2835	2836 to 2 837	2838 to 2839	2840 to 2841	2842 to 2843	2844 to 2845
DA	1503	1504	1 505	1506	1507	1508
P/FP	2846 to 2847	2848 to 2849	2850	2851 to 2852	2853 to 2854	2855 to 2856
DA	1509	1510	1511	1512	1513	1514
P/FP	2857 to 2858	2859 to 2860	2861 to 2862	2863 to 28 6 4	2865 to 2866	2867
DA	1515	1516	1517	1518	1519	1520
P/FP	2868 to 2869	2870 to 2871	2872 to 2873	2874 to 2875	2876 to 2877	2878 to 2879
DA	1521	15 2 2	1523	1524	1525	15 2 6
P/FP	2880 to 6881	2882 to 2883	2884	2885 to 2886	2887 to 2888	2889 to 2890
ĐA	1527	1528	1529	1530	1531	1532
P/FP	2891 to 2892	2893 to 2894	2895 to 2896	2897 to 2898	2899 to 2900	2901
DA	1533	1534	1535	1536	1537	1538
P/FP	2902 to 2903	2904 to 2905	2906 to 2907	2908 to 2.09	2910 to 2 911	2912 to 2913
DA	1539	1540	1541	1542	1543	1544
P/FP	2914 to 2915	2916	2917 to 2918	2919 to 2920	2921 to 2922	2923 to 2924
DA	1545	1546	1 547	1548	1549	1550
P/FP	29 2 5 to 2926	2927 to 2928	2929 to 2 930	2931 to 2932	2933	2934 to 2935
DA	1551	1552	1553	1554	1555	1556
P/FP	2936 to 2937	2938 to 2939	2940 to 2941	2942 to 2943	2944 to 2 945	2946 to 2947
DA	1557	1558	1559	1560	1561	1562
P/FP	2948 to 2949	2950	2951 to 2952	2953 to 2954	2955 to 295 6	2957 to 2958
DA	15 63	1564	1565	15 6 6	1567	1568

P/FP	2959 to 2960	2961 to 2962	2963 to 2964	2965 to 2966	2967	2968 to 2969
DA	1569	157 0	1 571	1572	1573	1574
P/FP	2970 to 2971	2972 to 2973	2974 to 2975	2976 to 2977	2978 to 2979	2 980 to 2981
DA	1575	1576	1577	1578	1579	1580
P/FP	2982 to 2983	3 2984	2985 to 2986	2987 to 2988	2989 to 2990	2991 to 2992
DA	1581	15 8 2	1583	1584	1585	1586
P/FP	2993 to 2 99 4	2995 to 2996	2 997 to 2998	2999 to 3456	3457 to 3458	3459 to 3460
DA	1587	15 8 8	1589	1590	1591	1592
P/FP	3461 to 3463	3464 to 3465	3466 to 3467	34 68 to 3469	3470 to 3471	3472 to 3473
DA	1593	1594	1595	1596	1597	1598
P/FP	3474 to 3476	3477 to 3478	3479 to 3480	3481 to 3482	3483 to 3484	3485 to 3486
DA	1599	1600	1601	1602	1603	1604
P/FP	3487 to 3489	3490 to 3491	3 4 92 to 3493	3494 to 3495	3496 to 3497	3498 to 3500
DA	1605	1606	1607	1608	1609	1610
P/FP	3501 to 3502	3503 to 3504	3505 to 35 06	3507 to 3508	3509 to 3510	3511 to 3513
DA	1611	1612	1 613	1614	1615	1616
P/FP	3514 to 3515	3516 to 3517	3518 to 3519	3520 to 3521	3522 to 35 2 3	3524 to 3526
DA	1617	1618	1619	16 2 0	1621	1622
P/FP	3527 to 3528	3529 to 3530	3531 to 3532	3533 to 3534	2535 to 3536	3537 to 3539
DA	162 3	162 4	1 6 25	1626	1627	1628
' Р/FР	3540 to 3541	3542 to 3543	354 4 to 35 4 5	3546 to 3 547	3548 to 3550	3551 to 3552
'DA	1629	1630	1631	163 2	1633	1634
P/FP	3553 to 3554	3555 to 3556	3557 to 3558	3559 to 3 560	3561 to 3563	3564 to 3565
DA	1635	1636	1637	1638	1639	1640
P/FP	3566 to 3567	3568 to 3569	3570 to 3571	3572 to 3573	3574 to 3576	3577 to 3578
DA	1641	1642	1643	1 644	1645	1646
P/FP	3579 to 3580	3581 to 3582	3583 to 3584	3585 to 3586	3587 to 3589	3590 to 3591
DA	1647	1648	1649	1650	1651	1652
P/FP	3592 to 3593	3594 to 3595	3596 to 3597	3598 to 3600	3601 to 3602	3603 to 3604
DA	1653	1654	1655	1656	1657	1658
P/FP	3605 to 3606	3607 to 3608	3609 to 3610	3611 to 3613	3614 to 3615	3616 to 3617
DA	16 5 9	1660	1661	1662	1663	1664
P/FP	3618 to 3619	3620 to 3621	3622 to 3623	36 2 4 to 3 626	3 627 to 3 628 1669	3629 to 3630
DA	1665	1666	1667	166 8		1670
P/FP	3631 to 3 632	36 33 to 3634	3635 to 3636	3637 to 3639	3640 to 3641	36 42 to 3643
DA	1 671	1672	1673	1674	1675	1676
P/FP	3644 to 3645	3646 to 3647	3648 to 3650	3651 to 3652	3653 to 3654	3655 to 3656
DA	1677	1678	1679	1680	1681	1682
P/FP	3657 to 3658	3659 to 3660	3661 to 3663	3664 to 3665	3666 to 3667	3668 to 3669
DA	1683	1684	1685	1686	1687	1688
P/FP	3670 to 3671	3672 to 3673	3674 to 3676	3677 to 3678	3679 to 3680	3681 to 3682
DA	1689	1690	1691	1692	1693	1694
P/FP	3683 to 3684	3685 to 3686	3687 to 3689	3690 to 4691	3692 tc 3693	3694 to 3695
DA	1695	1696	1697	1698	1699	1700

P/FP	3696 to 3697	3698 to 3700	3701 to 3702	3703 to 3704	3705 to 3706	3707 to 3708
DA	1701	1702	1703	1704	1705	1706
P/FP	3709 to 3710	3711 te 3713	3714 to 3715	3716 to 3717	3718 to 3719	3720 to 3721
D A	1707	1708	1709	1710	1711	1712
P/FP	3722 to 3723	3724 to 3726	3727 to 3728	3729 to 3730	3731 to 3732	3733 to 3734
DA	1713	1714	1715	1716	1717	1718
P/FP	3735 to 3736	3737 to 3739	3740 to 3741	3742 to 3743	3744 to 3745	3746 to 3747
DA	1719	1720	1721	1722	1723	17 2 4
P/F P	3748 to 3750	3751 to 3752	3753 to 3754	3755 to 3756	3757 to 3758	3759 to 3760
DA	17 25	1726	1727	1728	1729	1730
P/F P	3761 to 3763	376 4 to 3765	3766 to 3767	3768 to 3769	3770 to 3771	3772 to 3773
DA	1731	1732	1733	1734	1735	1736
P/FP	37 7 4 to 3776	3777 to 3778	3779 to 3780	3781 to 3782	3783 to 3784	3785 to 3786
DA	173 7	1738	1739	1740	1741	1742
P/FP	3787 to 3789	3790 to 3791	3792 to 3793	3794 to 3795	3796 to 3 7 97	3798 to 3800
DA	1743	1744	1745	1746	1 74 7	1 7 48
P/FP	3801 to 3802	3803 to 3804	3805 to 3806	3807 to 3808	3809 to 3810	3811 to 3813
DA	1749	1750	1751	1752	1753	1754
P/FP	3814 to 3815	3816 to 3817	3818 to 3819	3820 to 3821	3822 to 3823	3824 to 3826
DA	1755	1756	1757	1758	1759	1760
P/FP	3827 to 3828	3829 to 3830	3 8 31 to 3832	3833 to 3834	3835 to 3836	3837 to 3839
DA	1761	1762	1763	1764	1765	1766
P/FP	3840 to 3841	3842 to 3843	3844 to 3 8 45	3846 to 3847	3848 to 3850	3851 to 3852
DA	1767	1768	1769	1770	1771	1772
P/FP	3853 to 3854	3855 to 3856	3857 to 3858	3859 to 3860	3861 to 3863	3864 to 3865
DA	1773	1774	1775	1776	1777	1778
P/FP	3866 to 3867	3868 to 3869	3870 to 3871	3872 to 3873	3874 to 3876	3877∎to 3878
DA	17 7 9	1780	1781	1782	1783	1784
P/FP	3879 to 3880	3881 to 3882	3883 to 3884	3885 to 3886	3 8 87 to 3889	3890 to 3891
DA	1785	1786	1787	1788	1789	1790
P/FP DA	3892 to 3893 1791	3894 to 3895 1792	3896 to 3897 1793	3898 to 3900 1794		

CFC's Letter No. CFC/Rev./CB/F.41/24/92-2, (Accounts Branch) Dated 15-6-1992.

Sub: Electricity—Electricity Taxation on consumption—Levy of 4% tax—Exhibition in Pre-receipt and collection statement need not be insisted.

Ref: This office Lr.No.CFC/Rev./CB/F.41/24/92- dated 10-4-1992.

In the reference cited, orders were issued to furnish the 4% Electricity Tax amount in the Pre-Receipt and collection statement. The Unions have represented that this involves heavy burden on the work load to the Assessors, since the Electricity Tax element is already furnished in the White Meter Card, Green Meter Card and the Meter Card Register.

- 2. The matter was re-examined and it is felt that the tax amount need not be furnished in the pre-receipt and collection statemet by the Assessors.
- 3. Accordingly, the Assessors need not furnish the tax amount in the pre-receipt and collection statement. However, furnishing the Electricity Tax in the White Meter Card, Green Meter Card and Meter Card Register have to be continued to be furnished by the Assessors. The remittance of Electricity Tax based on the L.T. consumers ledger total as hitherto done has to be continued.
 - 4. Receipt of this letter may be acknowledged.

V. Jayaraman, Chief Financial Controller (Rev.)

. . .

Memo. No. 74235-N2/91-4, (S. B.,) dated 20-6-92.

Incentive-Incentive for persons working in Hydro Stations-Orders Issued.

Permanent B.P. (FB) No. 162, (Technical Branch)

Dated 22—6—1992, Aani 8, Aangeerasa, Thiruvalluvar Aandu 2023.

Item No. 14 of 632nd meeting of T.N.E.B. held on 10-6-92.

Proceedings:

The question of making the posts of operation and maintenance staff in remote Hydro Areas attractive enough has been engaging the Board's attention for quite some-time. After careful consideration of the proposal presented for providing incentive to those working in Hydro Areas, the Board has approved that all the shift and maintenance employees including the Executive Engineers working in the following Hydro Areas be given incentive as indicated therein.

	All shift and maintenance employees . including the Executive Engineers.		Incentive for Hydro Areas.
1.	Pykara Power House, Kundah Power House-V, Moyar Power House, Sholayar Power Houses I & II, Kadamparai Power House, Kodayar Power Houses I & II, Pykara Micro Hydro Power House, Upper Bhavani, Mukkurthi, Porthimund, Parsons Valley, Emerald, Avalanchi and Glenmorgan.	 	10% of basic pay ineluding P. P. and Special Pay.
2,	Kundah I to IV, Aliyar, Suruliyar, Periyar, Papanasam, Servalar and Sarkarpathi.	[7.5% of basic pay including P.P. and Special Pay.

- 2. The above incentive is not applicable for those working in Mettur Dam, Tunnel Barrage 1 to IV, Lower Bhavani Micro and Vaigai Micro Power Houses.
- 3. The orders issued in Para (1) above will take effect from 1—12—1992 along with wage revision.

(By Order of the Board)

K. Ramaswami, Chief Engineer/Hydro Generation. T. N. E. B.—Publication of "Power Engineers" Hand book by Tamil Nadu Electricity Board Engineers' Association—Financial Assistance from Board—Granted.

(Permanent) B.P. (F.B.) No. 18

(Adm. Branch)

Dt. 24-6-92,

Aani 10, Aangeerasa, Thiruvalluvar Aandu 2023-

Proceedings:

The Tamil Nadu Electricity Board Engineers' Association has proposed to publish 4,000 copies of the revised edition of "Power Engineers" Hand book and sell it to its members, other technical staff of the Tamil Nadu Electricity Board and to others. It has therefore requested the Board for a grant of Rs. 3 Lakhs.

- (2) The Tamil Nadu Electricity Board, after careful consideration and in view of the eminent usefulness of the technical hand book to the Engineers and other technical staff of the Board, directs that financial assistance to the Tamil Nadu Electricity Board Engineers' Association to make good the loss it sustains in publishing 4,000 copies of the revised edition of Power Engineers' Hand book upto a maximum of Rs. 3 lakhs (Rupees Three Lakhs only) be sanctioned, as a grant, subject to the following conditions:—
 - (i) that payment will be released only after production by the Association the details of expenses of Rs. 12 lakhs estimated for printing 4,000 copies and the details of loss to the tune of Rs. 3 lakhs to be subsidised by the Board.
 - (ii) the instructions issued in Chairman's Circular No. 10202/VC1/83-4, dated 12-7-1983 banning collection of advertisement charges shall be strictly adhered to.
- (3) The Tamil Nadu Electricity Board Engineers' Association shall give 35 complimentary copies to the Chief Engineer/Research & Development for distribution among the members of the Board and all the Chief Engineers including the Chief Engineers (Distribution).
 - (4) The expenditure is debitable to the following head of accounts:--
 - "Tamil Nadu Electricity Board Funds—Revenue Expenses A/c. No. 76-157—Contributions".
- (5) The Chief Engineer/Personnel will make arrangements to effect payment of the grant sanctioned in para 2 above subject to satisfying the conditions stipulated thereunder.

(By Order of the Board)

S. Deensdayelan.
Chief Engineer/Personnel.

Technical

PART-IV

Technical

Circular Memo. No. CE/R & D/E. Lab/A2/F. ER/D. 336/92, (Technical Branch) Dt 1-6-92.

Sub: Electricity -- Measurement of Earth Electrode resistance at Sub-stations-Reg.

Ref: Code of Technical instructions-1990.

In para 9-06-01 of the code of Technical instructions it has been stipuleted that both combined earth resistance and individual earth resistance of sub-station earth's should be measured mentally at all stations by O & M staff and half-yearly by MRT Staff.

Further in Table 10 Power Transformers maintenance schedule (Pege No. 56) It has been mentioned that measurement of resistance of all earth pits both individual and combined should be done quarterly.

In consideration of the difficulties experienced by the field in getting total shutdown in a Sub-station either monthly or quarterly, it has been decided that measurement of the earth resistance in the earth pits individually as well as combined be done once in six months or as and when total shutdown is availed for carrying out Maintenance/Improvement works in the substation.

The receipt of the circular may be acknowledged to Chief Engineer/Research & Development.

T. B. Chickoba, Member (Distribution).

M (D)'s Memo No. CE/R & D/EE/TA/MDU/F. 119/D. 3/92 dt 1-6-92.

Sub: Manufacture of R.C.C. Pole-defects to be rectified in the pole casting

vards-Instructions-Issued-Reg.

Ref: Memo. No. SETA/ETAM/F. 145/D. 348/85 (Tech. Audit) dt. 18-7-85.

Detailed instructions have been issued to ensure quality in Manufacture of RCC Poles in the memo cited. Inspite of these instructions, the defects mentioned therein continued to persist. This was noticed during intensive technical examination of works in certain R.C.C. Yards. In addition to the instructions issued in the memo cited, further defects are also observed which are detailed below (during technical examination of the RCC Yards).

(i) Proper size and hard broken atone (jellay) not being used:

In the specification, it is mentioned as 50% of hard broken stone shall be of 20 mm size and the rest 50% of 12 mm size. But in most of the RCC yards, both the sizes of the stones are mixed and stored in one lump. Also there is ever size metal more than 20 mm and under size metal less than 10 mm being used. Hence, 12 mm size metal and 20 mm size metal should be stored separately, for ensuring use of correct percentage of metal. Also the over-size and under size of metal is to be avoided.

(ii) Sand and its bulkags:

In most of the RCC yard, bulkage of sand is not measured. In certain yards, this factor is not considered and in certain other yards, the percentage of bulkage in sand is only assumed. Both the practices are not in order. Bulkage of sand is to be measured, whenever there is

concreting before commencement of work, preferably using a measuring jar. Wherever there is no AE/JE/Civil, this procedure of measurement of bulkage must be taught to the Foreman/Maistry available at the yard. The measured bulkage is to be noted in the Cement log book.

iii) Correct quantity of coment:

Quantity of cement used for pole casting is based on approximate weighment. For example, when 46 kg. of cement is required for 7.5 m RCC pole, 4 kg. of cement is removed from 50 Kg, bag by approximete method. Only correct quantity of cement will ensure good quality and so a weighing machine must be used for using correct quantity of cement. A weighing machine of suitable capacity will have to be provided for each RCC yard.

(iv) Bottom plate in the form box :

In certain yards, bottom plate of the form box is available, but these are not being used. In certain other yards, bottom plate of the form boxes are not available. If bottom plate is not fixed to the form box, the finishing of the pole on its bottom side will not be good and chances for cament slurry going waste is much. Therefore bottom plate must be ordered wherever not available and used in all RCC yards.

(v) Testing of concrete mix as well es poles :

In order to know the quality of concrete m x, concrete cubes shall be tested as given in 1S 456-1978 Code of practice for plain & re-inforcement concrete (latest edition). Similarly the strength of the poles can be known only if it is tested. As per ISS 1 Pole out of 500 poles must be tested upt) destruction. Efforts will have to be taken to provide test bed in all RCC yards. Alternatively poles can be tested in neighbouring yards, in case provision of test bed in each yard works out to be cosilier.

The Chief Engineers of Distribution Region are requested to impress upon the Superintend ing Engineers of their Distribution Circles in regard to the rectification of the defects noticed in the pole casting yards and ensure that the quality of poles is maintained. The rectification of the defects may kindly be arranged to be carried out by 30-9 -92 and report sent to Chief Engineer/ Research & Development, Madras.

The Receipt of this Memo, may be acknowledged to Chief Engineer/Research & Development.

> T. B. Chickoba, Member (Distribution).

Delegation of Powers to Chief Engineers/Distribution and Superintending Engineers/Distribution Circles-Orders-Issued.

Permanent B.P. (Ch) No. 106

(Technical Branch)

Dated 1-6-1992. Vaikasi 19, Aangeerasa, Thiruvallur Aandu 2023.

Read:

- 1. B.P.Ms. (Ch) No. 109 (Tech Br) dated 17-5-1983.
- 2. B P Ms. (Ch) No. 198 (Tech. Br.) dated 8-10-1987.
- 3. B.P.Ms. (Ch) No. 96 (Tech. Br.) dated 2-4-1988.
- 4. B.P.Ms. (Ch) No. 124 (Tech. Br.) dated 10-5-1988
- 5. B.P.Ms. (Ch) No. 238 (Tech. Br.) dated 17-11-1988.
- Pt B P.Ms. (Ch) No. 86 (Tech. Br.) dt. 21-4-1989.
 Pt.B P.Ms. (Ch) No. 72 (Tech. Br.) dt. 22-5-1990
- Memp. No. SE/MM1/EES/A3/F. 22/D64/91, dt. 23-1-1991.
- 9. Pt.B.P.(Ch.) No. 48 (Tech. Br.) dt. 1—3—1991. 10. Pt.B.P.(Ch.) No. 85 (Tech. Br.) dated 25—4—1991.
- 11. Permanent B.P.(FB)No. 8 (Tech. Br.) dt. 11-1-1 1990
- 12. Permanent B.P. (FB)No. 13 (Tech. Br.) dt. 20-1-1992.

Praceedings:

In order to achieve the targets for effecting new service connections of various categories during 1992-93, and to take advance action for procurement of stores materials, the

following powers are delegated to the Chief Engineers/Distribution and Superintending Engineers of Distribution Circles, as detailed below:—

- 1. The Superintending Engineers of Distribution Circles are permitted to exercise powers of purchase of maximum value of each P.O. limited to Rs. 75,000/- for procurement of stores materials during the year 1992-93. However, the total value of all the purchase orders placed by Superintending Engineers/Distribution Circles, during the year 1992-93 should not exceed the financial allotment made to them for the year, 1992-93.
- 2. In regard to procurement of grills for R.C.C. Poles the Superintending Engineers of Distribution Circles are empowered to procure them without monetary limits during the year 1992-93 subject to the condition that R.T.S. rods received from steel suppliers are utilised fully for departmental manufacture of grills.
- 3. The Superintending Engineers of Distribution Circles are permitted to arrange for transport of all the line meterials required to achieve the target through contracts, if found necessary, during the year 1992-93.
- 4. Since, M/s. Tansi are unable to supply some of the line materials against the present running contract with M/s. Tansi which expires on 15-8-92, and in order to achieve the various targets for 1992-93, the Chief Engineers/Distribution and Superintending Engineers of Distribution Circles are empowered to procure the following nine items of line materials upto 31-8-92 by following institutional priority ordered in G.O.Ms No. 330, Finance (BPE) Department dated 3-5-1991 and adopted without modification in permanent B.P (FB) No. 13 (Tech. Branch) 20-1-1992.
 - 1. Transformer Structure materials.
 - 2. 5' V Cross arm
 - 3. 4½ V Cross arm.
 - 4. 31 V Cross arm.
 - 5. L.T. 3 phase channel cross arm.
 - 6. LT 3 phase angle cross arm.
 - 7. H.T. T.I. Fittings.
 - 8 Stay sets (Eye Bow and rod complete).
 - 9. L.T. T.I. Fittings.
- 5. The Chief Engineers/Distribution are permitted to procure the following seven items of stores only by excercising the powers delegated to them in (Pt.)B.P.(FB)No. 17 (Accounts Branch) dated 5-8—91 and its emendments.
 - (i) P.V.C. Pipes.
 - (ii) Fuse units and cut-outs.
 - (iii) Form Boxes.
 - (iv) H.G. Fuses.
 - (v) Earthing Devices.
 - (vi) L.T. Open type fuses.
 - (vii) Back clamps, stay clamps and special clamps of all sizes.
- 6. The Chief Engineers/Distribution and Superintending Engineers of Distribution Circles are permitted to procure 11 KV Strain disc hardwares upto 30—9—92 to meet their requirement after taking into account supplies expected against orders placed by Chief Engineers/Mareials Management.
- 7. The Chief Engineers/Distribution and Superintending Engineers of Distribution Circles are empowered to procure 4'×40W Tube lamps as and when required for the minimum needs for new streetlight fittings for use in offices and sub-stations, upto 30-6-92.
- 8. The Chief Engineers/Distribution and Superintending Engineers of Distribution Circles are empowered to procure chokes only for use in offices and sub-stations for the year 1992-93
- 9. The Superintending Engineers of Distribution Circles are empowered to procure 'C' type boxes during 1992-93 from the priority institutions only by following the usual purchase procedure.

- 10. The Superintending Engineers of Distribution circles are permitted to continue to purchase as per B.P.Ms (Ch) No. 109, (Technical Branch) dated 17-5-1983, 67 items and 10 items meant for Madras Electricity Distribution Circles/North and South, 5 items as per B.P.Ms. (Ch.) No. 198 (Tech. Branch) dated 8-10-1987 and 3 items as per B.P.Ms. (Ch.)No. 238 (Tech. Branch) dated 17-11-1988, during the year 1992-93.
- 11. The Suparintending Engineers of Distribution Circles are authorised to purchase all the items of stores materials required by them during 1992-93 other than those ordered by Chief Engineer/Materials Management, with specific approval of their respective Chief Engineers/Distribution in order to achieve the target fixed for the year 1992-93.

(By Order of the Chairman)

S. Kripanidhi, Chief Engineer/Materials Management.

...

High Tension Steel Industries—According of load sanction/issue of technical teas bility to new and existing Steel/Steel Rerolling Mill/Alloy Steel Casting Industries—Collection of 10% of the cost to co-finance creation of generating capacity—Orders issued.

(Permanent) B.P. (F.B.) No. 147

(Technical Branch)

Dated: 4th June 1992. Vaikasi 22, Aangeerasa, Thiruvalluvar Aandu 2023.

Ref: (Permanent) B.P. (F.B.) No. 65, T.B., dt. 3-4-92.

The Tamil Nadu Electricity Board has decided that load sanction/feasibility to High Tension Steel/Steel Rerolling Mill/Alloy Steel Casting Industries requiring a demand of above 5 MVA may be accorded for extension of supply subject to technical feasibility and subject to the condition that they accept to co-finance 10% of the cost of creating generating capacity required to feed that portion of the demand which is in excess of 5000 KVA.

- 2. In accordance with the above decision of the Board and in partial modification to the instructions already issued in the Board's Proceedings cited, the following instructions are issued in respect of steel industries:—
 - (i) Applications from Steel/Steel Rerolling Mill/Alloy Steel Casting Industries requesting demand of above 5000 KVA may be processed and load sanction accorded towards extension of supply provided they accept to co-finance '0% of the cost of creating Generating capacity required to feed that portion of the demand which is in excess of 5000 KVA
 - (ii) Application from Alloy Steel/Alloy Steel Casting Industries requesting demand upto 5 MVA may be processed and load sanction accorded towards extension of supply on par with the Steel/Steel Rerolling Mills Industries as per the present existing policy and no cost towards co-financing may be collected for such loads upto 5 MVA
 - (iii) The above policy in respect of the Steel Industries, will apply, also to the existing industries of such category when they apply for additional demand. The cost towards co-financing the generating capacity, need not be collected for such additional demands, in cases where the existing demand together with the additional demand asked for is 5000 KVA and below. In cases, where the existing demand is 5000 KVA and below which together with the additional demand asked for exceeds 5000 KVA, the cost towards co-financing the generating capacity may be collected for that portion of the demand which is in excess of 5000 KVA.
- 3. The 10% cost to be collected from such industries to co-finance the cost of creating generating capacity shall be at the rate of Rs. 3000/- per KVA of that portion of the demand which is in excess of 5000 KVA. This charge shall be apart from other charges (viz). Development charge etc., to be paid by the applicant as per rules in force and shall be collected along with the Development charges before taking up the work for extension of supply.

4. The orders issued as in peras 2 & 3 above shall come into force with effect from 28—4-92 and the same shall apply to the cases for whom feasibility or load sanction are to be accorded from 28—4—92 onwards. The charge towards co-financing the cost of creating generating capacity required to feed the load may not be collected in respect of cases for whom feasibility of power supply of extension of power supply, as a matter of policy, has been already approved by the Board.

(By Order of the Board)

T. B. Chikkoba, Member (Distribution) (I/C).

0 0

Tamil Nadu Electricity Board—Procedure to be adopted for registration of firms/contractors—Amendment orders—Issued.

Per. B. P. (FB.) No. 152,

(Technical Branch)

Dated 6—6—1992, Vaikasi 24, Aangeerasa, Thiruvalluvar Aandu 2023.

Read:

- 1. B. P. Ms. (FB) No. 258 (Techl. Br.) dt. 28-7-84.
- 2. B. P. Ms. (FB) No. 528 (Techi. Br.) dt. 25-11-85.
- 3. B. P. Ms. (FB) No. 166 (Techl. Br.) dt. 19-4-86.
- 4. Item No. 14 of 631st Meeting of TNEB held on 26-- 5-92.

Proceedings:

As per item No. 5 of B.P. Ms. (FB) No. 166, Technical Branch, dt. 19—4—86, Chief Engineer/Hydro Projects, Pollachi was the registration authority and Superintending Engineer/Hydro Projects/Electrical/Madras and Superintending Engineer/Civil/Kadamparai Pumped Sterage H.E.P. were the Registration Officers for supplies and works contracts respectively.

Consequent to the closure of Kadamparai Project circle the Post of Chief Engineer/Hydre Projects/Minparai/Pollachi and Superintending Engineer/Civil/Kadamparai Pumped Storage H.E.P. have became defunct from 31—7—90 and the above posts of that circle are not in existance for monitoring the activities of the Registered Contractors, to monitor the Vendor rating, to take action to black list erring contractors, to watch the annual Balance sheet, solvency, annual income Tax clearance Certificate, Sales Tax certificates, renewal of registreties etc.

Meanwhile, a new project circle was sentioned by the Board for the worke of Pykara Ultimate Stage Hydro Electric Project, Maravakandy Mini Hydro Electric Project, Parsons Valley etc. with Head Quarters at Masinagudi, headed by C.E. Pykara. Ultimete. Slage H. E. Pland S.E./ Hydro Projects/Masinagudi in the Nitgiris District end the Superintending Engineer/Civil & General/Kadamparai and Chief Engineer/Hydro Projects, Minparai (Pollachi) poste are not renamed as Superintending Engineer/Hydro Projects Masinagudi and Chief Engineer/Pykara. Ultimate Stage H.E.P. Hense, the Officers in the above new posts are neither competent to watch the above nor to renew the Registration of the defunct circle Contractors. Therefore the registration of all the contractors who had Registered in the defunct Kadamparai Circle became autematically ceased and no longer valid.

Pykara Ultimate Stage H. E. Project situated in Mudumalar Sanctuery area in the only Project where Ministry of Environment, District Collector and Forest Department had etipulated. Environmental and special conditions while clearing the Project and insisted that free supply of fuel at 5 Kg/family/day should be issued to the centract labourers of the Project at Board's cost. Considering the Environmental ecology, the Collector of Nilgiris has imposed restrictions on the movement of the Private vehicles, forries (via) Kallhatti road in the Reserve Forest area. In view of the above stringent environmental stipulations and to minimise the fuel expenditure to the bearest minimum, new registration is to be given by Superintending Engineer/Hydro Projects/Masinagudi with approval Chief Engineer/Pykara Ultimete Stage H. E. P. for a very minimum number of contractors only, restricting the value of registration to one year to heve proper control and also to fulfil the conditions of Ministry of Environment and Forests.

In addition, with a view to enable the ongoing works to be completed and to take up urgent and immediate works of the Projects under the control of Superintending Engineer/Hydro Projects/Masinagudi Circle to keep up the target dates, Superintending Engineer/Hydro Projects/Masinagudi and Chief Engineer/Pykara Ultimate Stage H.E.P, have registered the following five contractors purely on temporary basis for a period of one year, who were executing works in this circle with registration in the defunct Kadamparai circle and Lower Mettur H.E.P. Circle and who possessed good solvency, vendor rating, local man power etc. and requested for ratification of Board for the same.

- (i) M/s. Gopinathan & Brothers.
- (ii) M/s. Srivenkatesa Construction & Co.
- (iii) M/s. V. N. V Constructions.
- (iv) M/s. Murali & Co.
- (v) Thiru Radhakrishnan.

Tamil Nadu Electricity Board after careful consideration approves the above proposals of Chief Engineer/Pykara Ultimate Stage H.E.P. and orders the following:—

(i) To delete item (5) of the B. P. Ms. (FB) No. 166, (Technical Branch) dt. 19-4-86 and to substitute the following entries in its place.

SI. No.	Registretion Authority.	Registration Officer for supplies.	Registration Officer for contracts.
5.	Chief Engineer/Pykare Ultimate Stage Hydro Electric Project, Masinagudi.	Superintending Engineer/ Hydro Electrical, Madras	Superintending Engineer/ Hydro Projects, Masinagudi.

- (ii) There we the registration of the contractors by the above registration authority and registering officers in respect of Superintending Engineer/ Hydro Project/Masinagudi Circle every year so as to have proper control over the Registered Contractor in order to fulfil the Environment conditions of Ministry of Environment & Forest, Govt. of India.
- (iii) The action of the Superintending Engineer/Hydro Projects/Masinagudi in having registered the following five contractors for a period of one year only purely on temporary basis, in anticipation of approval of the Board is also approved and ratified.

Contractors List:

- 1) M/s. Gopinathan & Brothers.
- 2) M/s. Srivenketesa Construction & Co.
- 3) M/s. V.N.V. Constructions.
- 4) M/s. Murali & Co.
- 5) Thiru RadhaKrishnan.

(By Order of the Board)

C. V. Rajendran, Chief Engineer, Pykara Ultimate Stage Hydro Electric Project.



Letter No. 1195/IEMC/EE (T)/Tariff—II (3)/92—6, (Technical Branch) dated 6—6—1992.

Sub: Electricity—Flat Electricity Tariff Rate introduced in respect of Agricultural pumpsets except small farmers with effect from 2—6—92—Government order communicated.

Ref: G.O. Ms. No. 794 (P.W.U2) Department, dated 2-6-92.

A copy of the G.O. cited is enclosed for taking further necessary action. The working instructions on the above G.O. will be issued separately.

T.B. Chickoba, Member (Distribution) (In-charge).

Encl.:

ELECTRICITY—Electricity Tatiff—Tariff on Agriculture Sector—Amendment to Sehedule to the Tamil Nadu Revision of Tariff Rates on Supply of Electrical Energy Act, 1978—Notification—Issued.

G.O. Ms. No. 794

PUBLIC WORKS (U2) DEPARTMENT

Dated 2nd June, 1992.

Read egain:

- (i) G.O. Ms. No. 1711, PW, dated 28—8—84.
- (ii) G.O. Ms. No. 1809, PW, dated 31-8-84.
- (iii) G.O. Ms. No. 2431, PW, dated 17-11-90.
- (iv) Government Lr. No. 124181/U2/90 1, PW, dated 17-11-90.
- (v) G.O. Ms. No 102, PW, dated 24 1-92.
- (vi) G.O. Ms. No. 522, PW, dated 31-3-92.

Read also:

- (i) From the Tamil Nadu Electricity Board, D.O. Lr. No. X, CPC(R) Tariff/F. 17/173/91-2, dt. 26-11-91.
- (ii) From the Union Minister for Power and Non-Conventional Energy Sources, D.O. No. 32027/14/91 PFC & FP, dt. 1-1-92.
- (iii) From the Tamil Nadu Electricity Board, D.O. letter No. X/CFC(R)/Teriff/F. 17/118/92, 17-3-92.

Order:

The Government have introduced the scheme of free supply of electricity to all agricultural farmers in the State of Tamil Nadu with effect from 1—8—90. The Tamil Nadu Electricity Board is incurring huge financial loss on account of implementation of the acheme. In order to sustain the financial position of the Tamil Nadu Electricity Board, the Government have been examining for some time the question of levy of minimum tariff on agriculture sector. Meanwhile, the Union Minister for Power has suggested for having national minimum agricultural tariff at 50 paise per KWH. The Government, after detailed examination of various espects, have decided that a flat electricity tariff rate of Rs. 100 per H P. per annum in respect of the agricultural pumpsets, excepting small farmers, may be introduced with effect from 2—8—92 and that this levy may be made collectable in two six monthly instalments.

2. Accordingly, the following Notification will be published in an extraordinary issue of the Tamil Nadu Government Gazette, dated 2—6—92.

Motification

In exercise of the powers conferred by section 4 of the Tamil Nadu Revision of Tariff Rates on Supply of Electrical Energy Act, 1878 (Tamil Nadu Act. 1 of 1979), the Governor of Tamil Nadu hereby makes the following amendment to the schedule to the said Act.

2. The amendment hereby made shall come into force on 2nd June 1982.

Amendment

In the said Schedule, under the heading "Part B-Low Tension Supply", for the entries under the sub-heading "Low Tension Tariff-V", the following entries shall be substituted, namely:—

Agriculture -

- 1. Small farmer
- 2. Other farmer

- : No charge.
- : Lumpsum of Re. 100/- per H.P. of the contracted load, per annum, collectable in two six monthly instalments

Previded that for farmers having power connection for their pumpsets by payment of the cost of energiestion of pumpsets or Rs 25,000 (Rupees twenty five thousand only), whichever is higher, the rate of tariff shall be Rs 150/- (Rupees one hundred and fifty only) per MP., per annum. Explanation 1:— Smell termer", means a person whose total holding, whether as owner, tenant or mertgages with possession, or parrly in one capacity and partly in another, does not exceed one harters (two end helf acres of wet lands or two hectares (five acres) of dry lands and whose family is selely depended on the income derived from his agricultural land heldings. In computing the extent of lend held by a person who holds wet end dry lands, two ecres of dry lands shall be taken to be equivelent to one acre of wet land.

Explanation—II:— Supply of power shall be given free of charge for bonafide agricultural purpose with a connected load not exceeding 5 H.P. of a small farmer on production of a certificate of eligibility from the Taluk Tahsildar of the Revenue Department. Such certificate shall be renewed once in three years for the continuance of supply of power free of charge.

Explanation—III:— Farmers shall be permitted lighting upto 50 watts per 1000 watts of motive power connected, subject to a maximum of 150 watts inclusive of wattage of pilot lamps each of which shall not exceed 15 watt and with not more than 3 lamps (excluding pilot lamps) for lighting the farm or the field around the pumpset. Energy used for radios or other appliances including domestic appliances in the farm houses shall be metered separately and charged for at the appropriate tariff.

Farmers shall be permitted to use the water pumped from the well and stored in overhead tanks for bonafide domestic purposes in the farm house. The farm house shall be in close proximity not exceeding 150 feet from the well

Explanation IV:— Extra lighting in agricultural services over the permissible limit shall be charged for, if separately metered, as per Low Tension Tariff—IX if not separately metered, on a flat rate of Rs. 10/- per month per 40 watts lamp (ordinary), larger wattage of lamps in proportion. If flourescent and mercury vapour lemps are connected, the flat rate shall be enhanced by 50%".

V. Sundaram, Secretary to Government.

000

Circular Memo. No. SE/IEMC/EE3/AEE2/D.84/92, (Technical Branch) Dated 6-6-1992.

Sub: Sanction of additional loads/installation of air-compressors in agricultural services without applying for name-wansfer-instructions issued.

It is represented that the present owners/enjoyers of the agricultural lands who want to apply for addl. loads/installation of air-compressors could not obtain the death certificate of the service owners and legal-heir certificates from the revenue department due to various reasons and produce them along with name-transfer applications. Hence, the Board officers could not either sanction addl load or accord permission for installing air-compressors under TPDT switch arrangements without effecting name-transfer.

The matter has been examined and the following instructions are issued.

In respect of sanction of additional loads and according permission for installing air-compressors in agricultural eervices, legal proof of ownership need not be insisted. It should be enough that the applicant, if he is not the original service holder produces a certificate from the Tahsildar to the effect that he is the actual enjoyer of the land referred to in the application and also furnishes a bond indemnifying the Board against any claims by any person consequent on the sanction of the additional load/installation of air-compressor.

T. B. Chickoba, Member (Distribution) (I/C.)

Letter No. 715/SE/IEMC/EE(T)/Tariff-1(2)/89—9, (Technical Branch) Dated 8—6—1992.

Sub: Electricity—Industries classification of Industrially backward taluks in the State for purpose of extending various concessions like Interest Free Sales Tax Loan, Deferral of Sales Tax, State Capital Subsidy, Subsidy for pioneer industry and power tariff concessions/Decleration of additional taluks-Orders-Issued.

Ref: Government's G.O.Ms. No. 161 Industries (MIG-I) Department dated 23-4-1992.

A copy of the Government's G.O.Ms.No. 161 Industries (MIG-I) Department dated 23-4-1992 is communicated for taking necessary action.

T. B. Chickoba, Member (Distribution) (1/C.)

Encl:

Encl

Industries—Classification of Industrially backward taluks in the State for purpose—of extending various concessions like Interest Free Sales Tax Loan, Deferral of Sales Tax, State Capital Subsidy, Subsidy for Pioneer Industry and Power Tariff Concessions/Declaration of additional taluks—Orders—Issued.

G. O. Ms. No. 161

(Industries (MIG.I) Department)

Dated 23-4-92.

Read:

G.O.Ms. No. 423, Industries, dated 7-7-89.

G.O.Ms.No. 500, Industries, dated 14-5-90.

G.O.Ms.No. 989, Industries, dated 14-9-90.

G.O.Ms.No. 1210, Industries, dated 5-11-90.

Read also:

Industries Commissioner & Director of Industries and Commerce

Lr. No. 147001/LC4/90, dated 15—10—90.

All India Chamber of Commerce and Industries letter dated 23-4-91.

Avinashi Industries & Commerce Association letter dated 20-11-91.

Collector of Coimbatore letter dated 8-12-91.

Collector of Kamarajar District D.O. Lr. No. 11703/D4/91 dated 24-9-91.

ORDER:

In the Government Orders read above, Government declared 76 taluks as backward Taluks and 31 taluks as most backward taluks to avail the concessions like State Capital Subsidy, Subsidy for pioneer Industries, defferral of sales tax and power tariff concessions.

- 2. There have been representations from the collectors of Coimbatore and Kamarajar Districts and from various organisations and Members of Legislative Assembly for declaration of certain additional taluks as backward taluks.
- 3. After careful examination the Government direct that the following six taluks be included in the list of backward taluks for purpose of availing various concessions sanctioned from time to time for major, medium and Small Scale Industries.

Districts	Taluks
Coimbatore	Avinashi
Kamarajar	Srivilliputhur
Salem	Rasipuram
Pudukkottai	Pudukkotti
Chidambaranar	Sattankulam
Thirunelveli-Kattabomman	Palayamkottai

This order shall come into effect from 6-4-92.

4. This order issues with the concurrence of Finance Department vide its No. 2133/FS/P/92, dated 22-4-92 and Commercial Taxes and Religious Endowments Department vide its No. 100/Secy/92-1, dated 16-4-92.

(By Order of the Governor)

C. Ramachandran, Secretary to Government. Sub: Applications for L. T. domestic and commercial service connections—Registration in Section Office—Avoidance of delay—Instructions—Issued.

- 1. It is brought to the notice that the LT domestic and commercial applications (other services category) received in Section offices are not registered promptly and there is considerable delay in their registration. The applications are allowed to pile up without any entry in the register. As a result the pendency position of applications in the above category could not be ascertained correctly
- 2. The very purpose of entrusting the registration of L.T. domestic and commercial (other services category) applications with the Section officers is to cut down delay and speed up the process of effecting service connections. This purpose is not served if the state of affairs mentioned in para (1) is allowed to continue.
 - 3. It is instructed that
 - (a) The list of pending applications with date of registration may also be exhibited in the notice Board.
 - (b) Acknowledgement with registration number should be given to the applicants.
 - (c) The Assistant Executive Engineers of the Distribution shall check and review the receipt and processing of applications in the Sections under their control at least once in a formight and ensure that there is no delay in registration of applications. Action will have to be taken against the erring Junior Engineer/Assistant Engineer.
 - (d) The Executive Engineers and Superintending Engineers shall also periodically check and review the receipt and processing of applications in the Section Offices during their inspection of the Sections and ensure that the applications are disposed off promptly without giving room for complaints.
- 4. The receipt of this memo, may be acknowledged to Superintending Engineer/Industrial Energy Management Cell.

T. B. Chickoba, Member (Distribution) (I/C.)

006

Lr. No. CE/MM/EE (E)/SI/F. Equipment Disposals/D. No. 179/92, (Techl. Br.) dt. 16-6-92.

Sub: Electricity—Closure and sale of power generating stations—Book value of assets raised from Rs. 10 lakhs to Rs. 25 lakhs-orders issued—Communicating—Regarding.

Ref: G. O. Ms. No. 814 dated 5-6-92.

A Copy of G. O. Ms. No. 814 dt. 5-6-92 is enclosed herewith for information and further guidance.

S. Kripanidhi, Chief Engineer/Materials Management.

Encl.:

Encl:

Copy of G.O. Ms No. 814, Public Works (U1) Department, Government of Tamil Nadu dt. 5-6-92 Electricity - Tamil Nadu Electricity Board—Closure and Sale of power generating stations—Book value of assets raised from Rs. 10 lakhs to Rs. 25 lakhs—Orders issued.

Read again:

G.O. Ms. No. 890, P.W., Dated 18-5-1979.

Read also:

From the Chairman, Tamil Nadu Electricity Board Lr. No. CE/MM/EE(E)/SI/F. Equipment Disposals/D. No. 21/91, dt. 19-4-91.

In exercise of the powers conferred by section 78A of the Electricity (Supply) Act 1948, the Government issued directions in the G.O. read above to the effect that prior approval of the Government should be obtained by the Tamil Nadu Electricity Board (i) for the closure and sale of power generating stations irrespective of their value and (ii) for the sale of its assets where book value exceeds Rs. 10 lakhs.

- 2. In the letter read above the Chairman, Tamil Nadu Electricity Board has requested the Government to increase the monetary limit of the value of assets from Rs. 10 lakhs to Rs. 100 lakhs in view of the fact that the value of equipments (assets) has increased considerably from 1979 onwards.
- 3. The Government after careful consideration of the request of the Tamil Nadu Electricity Board have decided to raise the book value of assets for sale from Rs. 10 lakhs to Rs. 25 lakhs only. They accordingly, in exercise of the powers conferred by Section 78A of the Electricity (Supply) Act 1948, direct that prior approval of the Government should be obtained by the Tamil Nadu Electricity Board for the sale of its assets whose book value exceeds Rs. 25 takhs.
- 4. The Secretary, Tamil Nadu Electricity Board is requested to acknowledge receipt of this order.

(By Order of the Governor)

V. Sundaram, Secretary to Government.

Memo. No. SE/MM. II/EE/T/A2/F200/D.3/92, (Technical Branch), Dated 18-6-92.

Sub: Vehicles—Private workshops—approved for carrying out repairs to # Government vehicles by the Government for the year 1992-93— List

communicated.

Ref: Director/TNMVMD/Madras Lr. No. RC. No. 4/54100/91 dt. 30-4-92.

A list of private workshops approved by the Government for carrying out the repairs to the vehicles for the year 1992—93 is communicated herewith for information and necessary action in respect of Board's vehicles.

S. Kripanidhi, Chier Engineer/Materials Management.

MADRAS

Name & Address of the workshop

Nature of job for which approval given

1.	TVI. V.S.T.	Service Station Pvt. Ltd.,
	182, Anna	Salai, Madras-600 006.

2. Tvl. V.S.T Service Station Pvt. Ltd.,

Bye pass Road, Poonamailee,

3. Tvl. V.V.N. Motor Works, 140-145, Bells Road, Triplicane, Madras-600 005.

Madras-600 059.

- 4. Tvl. Greams Automobiles, 7, Khader Nawaz Khan Road, Madras-600 008.
- 5. Tvl. Montieth Motors, 1-3. Main Road, Industrial Estate, Ambattur, Madras-600 058.
- 6. Tvl. V.C. Ramu Motor Works. 20/3, North Usman Road, T. Nagar, Madras-600 017.
- 7. Tvl. R'Man' Automobile Engineers, 12, Rajamannar Street, T. Nagar, Madras-600 017.
- 8. Tvl. Nandhini Harini Auto Clinic (Pvt) Ltd., 3A, Chakrapani Road, Guindy, Madras-600 032.
- 9. Tvl. Sri Murugan Motor Works, 39, Peters Road, Royapettah, Madras-600 014.
- 10. Tvl. New Automobile Workshop, 61, M.K. Amman Koil Street. Mylapore, Madras-600 004.
- 11. Tvl. Pandian Auto Works, 1, First Main Road, Shastri Nagar, Advar, Madras-600 020.
- 12. Tvl. T.A.S. Auto, 33, E.V.K. Sampath Road, Vepery, Madras-600 007.
- 12.(a) Tvl. Agro Cargo Transport Limited, 110, Anna Salai, Guindy, Madras-600 032.
- 13. Tvl. Naveens Auto Garage, S-7, 15th Avenue, Inner Ring Road, Ashok Nagar, Madras-600 082.
- 14. Tvl. Ananda Auto Garage, 57/1A, Habibullah Road, T. Nagar, Madras-600 017.

Major repairs including Body repairs and servicing

--do-

-- do --

-do-

-- do---

---do---

—do-

-do-

Minor Repairs, body repairs, upholstry and Electrical works

Minor repairs & body repairs only

—do--

~do—

Minor repairs, body repairs and Servicing

Minor repairs and body repairs only

Minor repairs, body repairs and Servicing only.

389 15. Tvl. Yesso Motors. 28, Govindu Street, T. Nagar, Madras 600 917. 16. Tvl. Hari Automobiles, 131, Habibullah Road, T. Nagar, Madras-600 017. 17. Tvl. Murugan Auto Works, 41, Arcot Road, Kodambakkam, Madras-600 024. 18. Tvl. Mohan Automobiles. 86/1, Habibullah Road, T. Nagar, Madras-600 017. 19. Tvl. Thenmozhi Automobiles, 14, Gajapathy Lala Street, ice House, Madras-600 005. 20. Tvl. Saravanabava Auto Works, 96, Dr. Natesan Road, Mylapore, Madras-600 004. 21. Tvi. Santhosh Auto Garage, 17, Dhanasekaran Street, Kodambakkam, Madras-600 024. 22. Tvi. Thirumalai Automobiles, 30, Pedu Naickan Street. (Near Padmanabha Theatre), Madras-600 079. 23. Tvl. Bhaskar Auto Works, 10, Mada Church Road, Santhome, Madras-600 028. 24. Tvl Belmmen Motor Works, 105, General Patters Road. Mount Road, Madras-600 002.

Minor repairs only **2**5. -do-Tvl. Sri Venkateswara Automobiles,

18, Second Cross Street, Kauvery Nagar, West Saidapet, Madras-600 015.

.26. Tvl. Aasian Motors, 3, Rangasamy Street, Puthuvai Nagar, Chromepet, Madras-600 044.

Tvl. Asker Automobiles. 21, Mahdi Hussain Khan Street, Royapettah, Madtas-600 014

28. Tvi. K. Subramani Bus Lorry Tipper Body Builders, 72/1, Veterinary Hospital Road, Fannet, Nandanam, Madras-35

Tvl. West & Company, 9, Ashok Pillar Main Road, Balaji Nagar, Ekattuthangal, Madras-600 097

30. Tvl. Nita Engineering Works, 23, Second Street, Subramania Nagar, Madras-24

Minor repairs, body repairs and upholstry only

Minor repairs and body repairs only

-- do---

Minor repairs, body repairs and upholatry only

Minor repairs and body repairs only

— do —

Minor repairs, body repairs and servicing only

Minor repairs and body repairs only

--do--

Body repairs, Servicing and Electrical works only

Body repairs only

-do-

-do-

-do-

31.	Tvl. Rajarathinam & Company, 41-44 General Patters Road, Mount Road, Madras-600002.	Body repairs only
32.	Tvl. Bantwal Motors, 14, Luz Church Road, Opp. Kamadhenu Theatre, Mylapore, Madras-600 004.	-do-
33.	Tvl. V. V. R. Automobiles, 8, 4th Street, Balaji Nagar, Royapettah, Madras-600 014.	- do-
34.	Tvl. Eugen Wheels, 86, Second Vanniar Street, Choolaimedu, Madras-690 094.	-do-
35.	Tvl. S. V. Samy Auto Service, 30, Thilak Street, T. Nagar, Madras-600 017.	-do
36.	Tvl. Sri Venkateswara Automobiles, 7, Shastri Nagar Road, R. V. Nagar, Madras-600 051.	-do-
37.	Tvl. Shanmuga Auto Works, 1/9, lst Main Road, Shastri Nagar, Madras-20.	-d o-
38.	Tvi. New Tech. Automobile Engineers, 1, K. K. P. Salai, Ramapuram, Madras-600 089.	-do-
39.	Tvl. Eastern Company, 18, Poonamallee Bve Pass Road, Chenneerkuppam, Poonamalli, Madras-600 056	-do-
40.	Tvl. V. R. C. Body Works, No. 101, G. S. T. Road, Sanatorium, Madras-47.	-do-
41.	Tvl. Gangai Amman Auto Works, No. 15, Temple Street, New Avadi Road, Kilpauk, Madras-600 010.	-do-
42.	Tvl. Tamil Nadu Ekambaram Motors, 152-B, Avvai Shunmugam Salai, Gopalapuram, Madras-600 086.	-do-
43.	TvI- P. S. Auto Works, 263, M. T. H, Road, Villivakkam, Madras-600 049.	-do-
44.	Tvl. Super Service Station, 90-A. K. Samy Nagar, Near Mental Hospital, Kilpauk, Madras-660010.	Servicing only
45.	Tvl. Super Service Station, 19, Dr. V. S. I. Estate, Thiruvanmiyor, Madras-600 041.	-do-

-46. Tvl. Coral Electronics Pvt. Ltd., No. 2, IInd Main Koad, Electrical Works only Gandhi Nagar, Adyar, Madras-600 020. 47. Tvl. Varalakshmi Auto Electricals, No. 4, Circular Road, -do-United India Colony, Kodambakkam, Madras-600 024. 48. Tvl. Shri Devi Enterprises. 43, Rosary Church Road, Uphoistry work only Santhome, Madras-600 004. CHENGAL M. G. R. DISTRICT 49. Tvl. Durai Automobiles, Body repairs and upholstry 71, P. S. Kandhasamy Street, Kancheepuram-631501. 50. Tvl. Pandian Blacksmith and Body Builders Works, -do-49A, Kavarai Street, Kancheepuram. 51. Tvl. Madras Tinkering Work, 1-B, Badrakali Amman Koil Street, Body repairs only Kancheepuram-2, 52. Tvl. Sangam Automobiles, -do-15, Ivdhar Pattabai Street, Kancheepuram-631501. 53. Tvl. S. N. Automobiles, 10-Ist street, Iyyappa Nagar, —do---Madipakkam, Madras-600091. 54. Tvl. Chandra Motor Works, 4-A, G.S.T. Road, Chengalpet. ---do---Tvl. Aras Service Centre, 63, A/2, Railway Road, Servicing only Kancheepuram-631501. 56. Tvl. Yaseen Auto Service Centre, Vellore Road, Olimohamedpettai, --do--Kancheepuram-2. 57. Tvl. Anandavel Service Station. 48-A, Kaveri Street, ---do---Kancheepuram-1. SOUTH ARCOT DISTRICT 58. Tvl. V.S.T. Service Station, Major repairs including Body repairs and Service 🚜 🚜 Chittoor Road, Kondur (P. O.) Cuddalore-607002. 59. Tvl. St. Joseph Industrial School, Tindivanam-604002.

Tvl. Ellar Agencies,

Cuddalore-607002.

K. f. R. Buildings, Imperial Road,

61. Tvl. T. S. K. Automobiles Service Station,

Lalpuram (P.O.) Chidambaram (T K.)

Keerapalayam-608602. S. A. Dist.

Servicing only

--do --

AMBETHKAR DISTRICT

- 62. Tvl. V.S.T. Service Station, Gandhi Nagar, Vellore-632006.
- Tvl. Sri Lekshmi Auto Diesel Works, PA VU SA Negar, Krishnagiri Road, Tirupathur-635601.
- 64. Tvl. Sri Munirathinam Automobiles, 14, East Cross Road, Gandhi Nagar, Vellore-632 906.
- Tvl. Ambu Automobiles Engg. Works,
 32-Bye Pass Road, Vellore-632004.
- 66. Tvl. V. P. Auto Electric Service, Bye Pass Road, Vellore-4.
- 67. Tvl. Sri Mahalakshmi Motor Electrical Works, Municipal Colony, Gandhi Nagar, Vellore-632006.
- Tvl. Elahi Automobiles
 Service Centre,
 1/D, Arcot Road, Ranipet-632401.
- Tvi. Chendra Service Station, Phase II Sathuvachari, Vellore-632609.

SAMBUVARAYAR DISTRICT

- 79. Tvl. Sri Shanmugam Auto Diesel Workshop, 14, Muthu Vinayagar Koil Street, Tiruvannamalai.
- 71. Tvl. Sri Saravan Motors (Auto Garrage) 38, Valayalkara Street, Tiruvannamalai 606601.
- Tvl. Salem Electrical Works,
 29, A & B Thirumenjana Gopuram Street,
 Tiruvannamalai-606601.
- 73. Tvi. Kala Battery Service,
 17, Vanakkara Street,
 Thiruvannamalai-606601.

DHARMAPURI DISTRICT

- 74. G.L.P. Auto Service, 440, Gandhi Road, Krishnagiri.
- 76. Manohar Auto Electrical Works, 14-A, Bye-Pass Road, Dharmapuri-636 702.
- 76. Ravi Battery Works, 14-H, Nethaji Bye-Pass Road, Dharmapuri-636 701.

SALEM DISTRICT

- 77. Tvl. The New Modern Motor Works, 134, Bretts Road, Salem-636 001.
- 78. Tvl. Jahanghir Motor Works, Kallanguthu Street, Salem-636 001.

Major repairs including Bedy repairs: and servicing

Body repairs only

—do—

-do-

Electrical Works only:

-do-

Servicing only

-do-

Body repairs only

Electrical Works

---do---

~do-

Major repairs including bodyrepairs and servicing

Electrical Works

-do-

Major repairs including body repairs and servicing

--do---

		393
79.	Tvl. Sri Selva Murugan Auto Diesel Works, 3, 1st Cross Gugai, Erumapalayam Road, Salem-636 015.	Major repairs including body repairs & servicing
	Tvl. Jabbar Motor Works, 46-C, West Street, Kumaraswamy Patti, Salem-636 007.	—do—
81.	Tvl. Vijayalakshmi Motor Works, K.A.S. Nagar, Court Road, Salem-636 007.	—do—
82.	Tvl. Samad Motor Works, 83, Arunachala Asari St., Salem-636 001.	do
83.	Tvl. The Star Auto Works, 301, K.R.C. Compound, Gugai, Salem.	Minor repairs and Servicing
84.	Tvl. Kannan Auto Diesel Works, Workshop Corner, Bharani Road, Mettur Dam-636 401, Salem District.	Minor repairs only
85.	Tvl. South India Motors, 6-E1-6C, Rajagopal Layout, Kalarampatti Cross Road, Salem-636 015.	Minor repairs only
86.	Tvl. New Indian Motor Works, 118, Bretts Road, Salem-636 001.	—do—
87.	Tvl. Thirumugan Seat Liner, 130, Bretts Road, Salem.	Upholstry only
88.	Tvl. B.C.M. Auto Electrical Works, 1A/257, Meyyanur Road, Salem-4.	Electrical Works only
89.	TvI. S.I. Electricals, Bangalore Main Road, Salem-636 €04.	do
	PERIYAR DISTRICT	
90.	Tvl. Jayalakshmi Automobiles, 187, Sathy Road, Erode-638003.	Major repairs including body repairs & servicing
91.	Tvl. Easwaran Auto Diesel Works, 82–E, New Bus Stand Road, Erode-638003.	—do —
92.	Tvl. Excel Auto Service, 578, Nasiyanur Road, Erode-638011.	—-do—
93.	Tvl. Andavar Automobiles & Industries, 110, Sathy Main Road, Karattadipalayam, Gopichettipalayam-Taluk 638453	—do—
94.	Tvl. Balaji Auto Works, 91, Near C N. College, Sathy Road, Veerappan Chatram, Erode-638004.	—do—
95.	Tvi. A. Team Auto Service Systems, 4, Palayapalayam Cut, Perundurai Road, Erode-638011.	-40-

Minor repairs, body repairs, and 98. Tyl: Sri Vinayaga Auto Works, servicing only 41, Water Works Road, Vairapalayam Post, Erode-638003. 97. Tyl. Java Auto Works, Minor repairs and servicing. 241. Perundurai Road, Erode 638011. 98. Tvl. Ratna Auto Garege, 93, Pollachi Road, Ellis Nagar-638657, --do---Dharapuram Taluk, Periyar District. COIMBATORE DISTRICT 99. Tyl. Ambika Engineering and Major repairs including body Service Station, repairs and servicing. 1142. Mettupalayam Road. Coimbatore-641043. 100. Tvl. Jupiter Automobiles, 5. Town Extension, Second Street, -do-Dharapuram Road, Tirupur-638 604. 101. Tvl. Coimbatore Auto Servicing, -do-Industrial Co-op. Society Ltd., 35-A, Krishnaswamy Mudaliar Road, Coimbatore 641001. 102. Tvl. Sri Kandan Industrial, 96, Alagapuri Street, Pollachi-642001, ---do---Coimbatore District. 103. Tvl. Sri Mookambikai Auto and Minor repairs only Diesel Works, G-207, N. S. R. Road, Sai Baba Colony, Coimbatore-641011. 104. Tvl. Banu Automobiles, 96/-A, Second Street, P.M. Swamy Colony, Body repairs only Sundapalayam Road, Coimbatore-641040. 105. Tvl. Mekco Coach Builders, No. 1292, Mettupalayam Road, —do— Coimbatore-641043. 106. Tvl. Systems Automoblies Engineers, No. 4, Kamaraj Road, Cauvery Nagar, -do-K. K. Pudur Post, Coimbatore-641038. 107. Tvl. Jothi Auto Electric Centre, Electrical works only 1033, Mettupelayam Road, Coimbatore-641002. NILGIRIS DISTRICT 108. Tvl. Union Motors Services Ltd., Minor repairs and servicing only 33 & 34, Garden Road, Ootacamund-643001. 109. Tvl. Javanthi Enterprices, Servicing only Charging Cross, Ootacamund. **TANJORE DISTRICT**

110. Tvl. Tari Automobiles,

2854. Nanjikottai Road, Tanjore Dist.

Major rapairs including body

repairs & Servicing

		395
1 11.	Tvi. N. Dasarathy & Sons, Automobile & Service Engineers, 37-38, Nageswaran North St., Kumbakonam-612001.	Major repairs including Body repairs & Servicing
112.	Tvł. Gajaraj & Company, 3229, Nanjigottai Road, Thanjavur-6.	do
113.	Tvl. Ravi & Ravi Company, S-4, Sidco Industrial Estate, Nanjikottai Road, Thanjavur-6	Body repairs only
	PUDUKOTTAL DISTRICT	
114.	Tvl. Mathuraì Automobiles, 5915/4, Madurai Road, Pudukottai-6 2 200 1.	Major repairs including body repairs & servicing
115.	Tvl. Amman Automobiles, 3379/3, Alangudi Road, Pudukottai-622001.	Minor repairs and servicing
	TRICHY DISTRICT	
116.	Tvi. T.V. Sundaram lyengar &	Major repairs including body
	Sons Ltd., 1, New Madras High Road, Subramaniyapuram, Trichy-620020.	repairs and servicing
117.	Tvl. V.S.T. Service Station, (Trichy) 2D, Dindigul Road, Trichy-620001.	—do—
11 7.	(a) Tvl. Sri Brahadambal Industries, 4D/4, Collector's Office Road, Contonement, Trichy-620001.	—c b—
118.	Tvl. Annamallais Agencies, 4-A, Birds Road, Trichy-620 001.	—do—
119.	Tvl. Vincent Auto Garage Old Post Office Road, Trichy 620 001	—do —
120.	Tvl. Shiva Automobiles (P) Ltd., 63-A, Williams Road, Trichy 620 001.	—do—
121.	Tvl. Ritha Automobiles, 1, Madurai Road, Trichy 620 008.	—do—
12 2 .	Tvl. Janatha Auto Diesel Works, 32-A, Tanjore Road. Trichy 620 008.	— do —
123.	Tvl. Lakshmi Auto Garage 6, Convent Road, Cantonment, Trichy-620 001.	do
124.	Tvl. A. P. C. Garage 5, Tollgate, Trichy-620 020.	do
1 25.	Tvl. Trichy Auto Servicing Industrial Co-op. Society Ltd. 1/56, Dindigul Road, Karumandapam, Trichy 620 001.	Minor repairs, servicing and body repairs
126.	Tvl. Arun Automobiles, Haneeba Colony, Tollgate, Trichy-620 020.	Minor repairs and body repairs only
		· · ·

		396
1 27 .	Tvl. Car Care Centre, 5-E, Vayalur Road, Puthur, Trichy-620 017.	Minor repairs and servicing only.
128.	Tvi. Adaikalam Auto Diesel Works, 1-B/Khaja Mohideen Street, Palakarai, Trichy-620 008.	Minor repairs only.
12 9 .	Tvl. Dominic Auto Garage, 12, South Street, Mannarpuram, Trichy-620 020.	Body repairs only.
130.	Tvl. A. J. Automobiles, 73-A, Heber Road, Beena Nagar, Trichy.	-do-
131.	Tvl. Kumaran Liner Works, 1F/4, Promenate Road, Contonment, Trichy 620 001.	Upholstry only.
132.	Tvl. Ragu Liner Works, 113, Main Road, Melapudur, Contonment, Trichy 620 001.	-do-
133.	Tvl. Raj Auto Electricals, 5. Thiruvalluvar Street, Tollgate, Trichy-620 020.	Electricals only
134.	Tvl. Central Auto Electricals, 2-A, Dindigul Road, Trichy-620 001.	do-
135.	Tvl. Rana Auto Electricals, 20, Bye Pass Road, Mannarpuram, Trichy-620 020.	-do-
136.	Tvl. Alpha Auto Works, 1, Second Street, Arokia Nagar, Crowford, Trichy-620 012.	Servicing only.
137.	Tvl. Annai Auto Garage, 24-A, Officer Colony, Trichy-620 017.	-do-
138.	TvI. M. M. Motor Corporation, Ettupattai Banglow Compound, Behind Headquarters Hospital, Puthur, Trichy-620 017.	-do-
139.	Tvl. Amala Service Station, 5, Thiruvalluvar Street, Tollgate, Trichy-620 020.	-do-
	QUAID-E-MILLATH DISTRICT	. ,
140.	Tvl. St. George Auto Works, 4-A, Vilamal Bazaar, Tiruvarur-610002.	Major repairs including body repairs and servicing.
141.	Tvl. Tamil Nadu Agro Service Centre, 1-A, 12, Gandhi Salai, Bye Pass Road, Vijayapuram, Tiruvarur-610 001.	-do-
142.	Tvl. Selvam Auto Service, 30-A, Vedaraniam Road, Tiruthuralpundi-614713. Quaid-E-Millath District.	-do

143. Tvl. Scientific Auto Engineers, 505, Main Road, South Palpannaichory, Nagapattinam-611-002.

Servicing only.

744. Tvl. V.R.N. Company, Servicing only Vilamal Bazaar, Thiruvarur-610 002. PASUMPON THEVAR DISTRICT 145. Tvl. PVM Service Station & Body repairs and Servicing Automobile repairs, 83, A.V.O.C Road, Karaikudi. Tvi. Ambashankar Engineering Company Servicing only. Automobiles & Servicing Station, Karaikudi-623 001. RAMANATHAPURAM DISTRICT 147. Tvi. Murugan Motor Works, Major repairs including body 170, Vandikara Street, repairs and servicing. Ramanathapuram 623 501. 148. Tvl. Sethu Auto and Marine —do---Servicing Private Limited, 70, Railway Feeder Road, Ramanathapuram-623 535. 149. Tvl. Suba Auto Service, Minor repairs and Servicing. 1/145-D-15-Kattuparamakudy, Madurai Rameswaram Road, Paramakudy-623 707. Tvl. Murugan Auto Works, Body repairs only Hangovadigal Lane, Vandikara Street, Ramanathapuram-623 501. MADURAI DISTRICT 151. Tvl. Shanbagam Auto Works. Major repairs including body 38, T.P.K. Road, Madurai-625 001. repairs and Servicing. 152. Tvl. Krishnaveni Automobiles, -do-231-1, Kamarajar Salai, Madurai-625 009. 153. Tvl. Shenbagam Industries, —do*-*--68-A, T.P.K. Road, Madurai-625 017. 154. Tvl. Gori Automobiles, —do— 2, Jagajeevanram Road, Shenoy Nagar, Madurai-625 020. 155. Tvl. Bharani Automobiles, Major repairs including body 14-A, Palam Station Road, repairs and servicing. Sellur, Madurai-625 002. 156. Tvi. Tamil Nadu Auto Service, —do— 3, Melaponnagaram Main Road, Madural-625 010. 157. Tvl. Sethuram Motor Workshop. -do--Cumbum Road, Thenkarai, Periyakulam-626 501, Madurai District. 158. Tvl. Guru Ganesh Auto Works, -do— 13-1-2-12, Cumbam Road, Theni-626 531. Madurai District. 1159. Tvl. Pandiyan Automobiles, —do—

Cumbum Road, Periyakulam-626 501.

Madurai District.

	•	
160.	Tvl. Vinayaka Body Building Industries, 65-66, Bye Pass Road, Madurai-825 016.	Major repairs including body repairs and servicing.
161.	Tvl. National Motor Works, 5B/4, Isac Bothukar Street, Cumbam-626 5 16, Madurai District.	do
162、	Tvl. Loyola Technical Institute, Gnanadirupuram, Madurai-625 01 9 .	do
163.	Tvl. Thamodharan Automobiles, 34B, Palam Station Road, Sellur, Madurai-2.	Minor repairs only
164.	Tvl. Valarmathi Automobiles, 2/32, Workshop Road, Madurai-625 001.	Minor repairs and body repairs only:
165.	Tvl. Kathiresan Automobiles, No. 1, Raja Mills Road, Madurai-625 001.	Body repairs only.
166.	Tvl. Krishna Automobile Works, Subramaniyapuram, 58, T.P.K. Road, Madurai-625 017.	—do—
167.	Tvl. Lakshmi Auto Works, 133, Theni Road, Usilampatty-626 532, Madurai District.	—do—
	Tvl. Lakshmi Automobiles, 94/1C, Kalathupottal Main Road, Thanthaneri, Madurai-125 018.	Body repairs only
169.	Tvl. Moorthy Auto Works, 7/1, Kalpalam Road, Madurai-625 002.	-do-
170.	Sri Sivasakthi Auto Works, 30, Vaithyanathan lyer Street, Shenay Nagar, Madura:-625 020.	do
171.	Tvl. Johnson Auto Works, 1 West Ponnagaram, 11th Street, Madurai-625 010.	-do
	Tvl. Kathiravan Auto Works, 4, Appadurai Nagar, Anjal Nagar Post, Koodal Nagar, Madurai.	do
173.	Tvl. Linga Body Building Industries, Theni Road, P.P. Charady, Madurai-625 016.	do
174.	Tvl. Arul Sri Vijayalakshmi Automobiles, 15, Vellai Pillaiyar Koil Street, S.S. Colony, Madurai-625 0 16.	do
178.	Tvl. Aruna Auto Diesel Works, 14, Alwarpuram Main Road, Madurai-625 002.	— do
	DINDIGUL ANNA DISTRICT	
176.	Tvl. Sri Karthi Automobiles, 13-1-11 Cl-West Ayakudi, Dindigul Road, Palani-624 613.	Major repairs including body repairs and servicing

13-1-11 Cl-West Ayakudi, Dindigul Road, Palani-624 613.

177. Tvl. Dindigul Roadways Service Station, 37, Race Course Road, Dindigul-624 005.

Minor repairs and servicing.

178. Tvl. Aruna Automobiles, 24, Trichy Road, Dindigul 624 009.

KAMARAJAR DISTRICT

- 179. Tvi. Sri Venkateswara Industrial Works Automobiles, General Engineers, 40A Bank Road, Rajapalayam-826 117.
- 180. Tvl. Lion Automobile Workshop, 102A, Police Station Road, Siyakasi-626 123.
- 181. Tvl. Paramakalyani Agencies & Automobile Work, 10/32 Srivilliputhur Road, Rajapalayam.
- 182. Tvl. Vignesh Automobiles, Opposite to Bus Stand, Virudhunagar-626 001.
- 183. Tvl. Sri Venkateswara Auto Mechnical Works, 112/71-1, Madurai Road, Opp. to Star Hotel, Virudhunagar-626 001.

CHIDHAMBARANAR DISTRICT

- 184. Sincere Automobiles, 39, Thiruchundur Road, Tuticorin-628 003.
- 185. Tvl. Deivee Automobiles, No. 177 P.C. Road, Tuticorin-628 003.
- 186. Tvl. N.A. Raghamathulla Automobile Works, Ettayapuram Road, Kovilpatti-627 701.
- 187. Tvl. Sri Ganesan Motor Works, 22/1, Beach Road, Tuticorin-628 001.
- 188. Tvl. Selvalakshmi Auto & Engg. Works, 2B, Jayaraj Road, Tuticorin-628 003, Chidambaranar District.

. TIRUNELVELI DISTRICT

- 189. Tvl. T. V. Sundaram Iyangar & Sons Ltd., 176, D.E.F. & 177 A-B Trivandrum Road, Vannarapettai, Tirunelveli-627 003.
- 190. Tvl. Ashok Auto Service, 181-C-1 Trivandrum Road, Vannarapettai, Tirunelveli-627 003.
- Tvl. Jayakumar Auto Garage,
 Salai Street, Vannarapettai,
 Tirunelveli-627003.
- 192. Tvi. M. Nellai Motor Works, 102 Y, Madurai Road, Tirunelveli-627001.
- 193. Tvl. G.N.C. Auto Service, 1/107 Bye Pass Road, Vannarapettai, Tirunelveli-627 003.

Minor repairs and servicing.

Major repairs including body repairs and servicing

Major repairs including body repairs-Servicing.

—do—

-do-

Minor repairs and servicing and body repairs only.

Major repairs including body repairs & servicing.

Minor repairs Body repairs & Servicing.

Minor repairs and servicing only.

Minor repairs Body repairs and servicing.

Minor repairs only.

Major repairs including body repairs & Servicing.

---do---

Major repairs including body repairs & Servicing.

-da-

-do-

		•
194.	Tvl. S.G. Jayaraj Nadar & Sons. No. 176-B, Trivandram High Road, Palayamkottai.	Major repairs including body repairs and servicing
195.	Tvl. Arasan Machinery Service, 10, E/21, Trivandrum High Road, Tirunelveli-627002.	-do-
196.	Tvl. Mary Selvan Auto Engg., works, Bye Pass Road, Vannarapettai, Tirunelveli.	Minor repairs and Body repairs.
197.	Tvl. Sri Bagarathi Tea Estates Ltd., (Automobile Division), 27-A, Madurai Road, Tirunelveli-627001.	-do-
198.	Tvi. Pandzan Automobiles, 108, Trivandrum Road, Tirunelveli-627002.	• -do-
199.	Tvl. Span Automobiles, 21, A. Madurai Road, Thatchanallur (near Railway Gate), Tirunelveli	Body repairs only.
200.	Tvl. Christy Auto Works, 1, Raja Rajeswari Nagar, Tirunelveli- 627607.	Servicing only.
201.	Tvl. Sree Krishna Auto Electricals Works, 182, T. Central Building, S.N. High Road, Tirunelveli-627001.	Electrical works only.
	KANYAKUMARI DISTRICT	
202.	Tvl. K.S.S.S. Automobiles, K.S.S.S. Non-Technical Training Centre, Assaripallam Road, Nagercoil.	Minor repairs only.
203.	Tvl. Money Motor works, 33-Ozhuginasery, Nagercoil-629001.	-do-
204.	Tvl. Wills Engineering Company, Opp. NMC Island, 367, A-2 K.P. Road, Nagercoil-629001.	Body repairs and servicing
2 05.	Tvl. Sathiya Motor works, 1-A, Cave Street, Duthie School Road, Nagercoil-628001.	Body repairs only.
206.	Tvl. Vijai Automobiles, 504/1, M.S. Road, Nagercoil-629003.	Servicing only.

M. Jayaraj, Director Electricity—H. T. service connections under the H. T. Tariff-1-Lighting and non-industrial leads—Billing for the excess over the permissible limits—Amendment—Orders issued.

(Permanent) B P. (FB) No. 157

(Technical Branch)

Dated: 19-6-1992, Aani 5, Aangeerasa, Thiruvalluvar Aandu 2028:

Read:

- (1) G. O. Ms. No. 2341, P.W. (E) dated 29-11-82.
- (2) G. O. Ms. No. 1332, P.W. (E) dated 7-8-85.
- (3) Board's B. P. (F. B.) No. 35 (Adm. Br.) dated 22-7-1988.
- (4) Minutes of the 629th Meeting of the Tamil Nadu Electricity Board held on 28 4 92 Item No. 4.

Proceedings:

The Tamil Nadu Electricity Board after careful consideration issues, the following amendment to the B. P. Ms. (F. B.) No. 35 (Adm. Br.) dated 22-7-1988.

Amendment

I. For the existing Alternative-II under Para 10 (iv) of the B. P. Ms. (F.B.) No. 35 (Adm. Br.) dated 22-7-89, the following shall be substituted:—

Alternative-I:

Where 'B' + 'C' is more than the prescribed limit, but 'B' alone is **not** more than the prescribed limit, the energy charges for 'A' + 'B' shall be billed under the H. T. Tariff I and the energy charges for 'C' shall be billed under the H. T. Tariff VII from 1-12-1982 to 14-8-85 provided a separate meter is installed to record the residential consumption with the permission of the Board, otherwise, the entire consumption pertaining to the excess load (lighting and non-industrial shall be charged under L. T. Tariff-I or H. T. Tariff-VII whichever is higher and under the L. T. Tariff-VIII from 15-8-85 onwards. (The Maximum Demand charges shall be for all the loads under A, B, C and D ie. for the maximum demand recorded by the Board's Trivector Meter).

II. The following shall be added as Alternative-IV under para 10 (iv) of B. P. Ms. (F. B.) No. 35 (Adm. Br.) dated 22 - 7-88.

Alternative-IV

Where the total lighting and non-industrial loads coming under B, C and D are recorded in a single meter, the energy consumption under such arrangement shall be charged as follows:

- (1) Upto the prescribed limit
- Under H. T. Tariff-I.
- and (2) Balance energy consumption relating to excess load
- (i) Under H. T. Tariff-VII or L. T. Tariff-I whichever is higher.

 From 1-12-82 to 14-8-85
- & (ii) Under L.T. Tariff-VIII From 15 8 85 onwards.

(The Maximum Demand charges shall be for all the loads under A, B, C and D ie. for the Maximum Demand recorded by the Board's Trivector meter).

R. Arunachalam, Chief Engineer/Research & Development. Sub: Purchase of materials-Proposals-Reg.

Ref: Chairman's Circular No. CH/EA/1140/90-1, dated 21-3-90.

Attention of the Chief Engineers is invited to the reference cited above. In spite of the above instructions, it is seen that proposals for purchase of materials are being put up to the Tender Committee/Board without intimating the present stock eventhough as per clause 28.03 of Tender Regulations the latest stock position should be taken into account while deciding the quantity to be ordered. In view of the above, it is reiterated that in future all proposals for purchase of materials should give the following details:—

- 1. Requirement and its period.
- 2. Consumption during the previous two financial years.
- 3. Latest stock position.
- 4. Orders placed and supplies expected during the period for which the present proposals are made.
- 5. Period upto which the present ordering will cover based on the approximate consumption assessed.

N. Hari Bhaskar, Chairman.

...

U.O. No. SE/RE&I(D)/ESS/A1/F. VI:I Plan/C. 635/D2/92, (Technical Branch), Dt. 19—6—92.

Sub: Electricity—VIII Plan Transmission scheme of Tamil Nadu excluding the works involving forest clearance Concurrence of CEA under Section 31 of the Electricity (Supply) Act, 1948—Regarding.

Ref: (Permanent) B.P. (FB) No. 131 dt. 11-6-91.

A Project report covering the EHT lines and sub-stations included in the T&D Master Plan for the original VIII Five Year Plan (1990-95), but excluding those already covered in the similar Project Report for VII Five Year Plan was prepared at an estimated cost of Rs. 44692.52 lakhs and sent to the Central Electricity Authority (CEA). The CEA has accorded technoeconomic approval for the major part of the schemes which did not involve forest clearance. Based on the technoeconomic approval, the Union Planning Commission, New Delhi has also accorded investment approval for the project covering works not involving forest clearance, at an estimated cost of Rs. 433.50 Crores in Lr. No. T-26 (3)/2-91-P&E dated 27-2-91. Administrative approval of the Board for the whole scheme not 'involving forest clearance which was approved by the CEA and Planning Commission, was obtained and communicated in (Permanent) B.P. (FB) No. 131 dt. 11-6-91.

2. Now the CEA, in their Lr. No. 2/TN/14/92/PAC/772-774 dt. 1-5-92 have communicated their concurrence for the scheme to be given under section 31 of the Electricity (Supply) Act, 1948. A copy of the letter received from the CEA together with Annexure-1 is enclosed for reference and record. Details given in the Annexure-11 are the same as given in the B.P. No. 131 dt. 11-6-91 and hence the same are not enclosed.

K.R. Murugesen, Chief Engineer/Planning.

Encl.:

Copy of Lr. No. 2/TN/14/92-PAC/772-774 dt. 1st May, 1992 received from Government of India Central Electricity Authority, Room No. 214 (NW) Sewa Bhavan, R.K. Puram, New Delhi-110 0€€, addressed to the Chairman, Tamil Nadu Elecy. Board, Madras.

Sub: Concurrence of CEA under Section 31 of the Electricity (Supply) Act, 1948-Eighth Plan Transmission Scheme of Tamil Nadu excluding the works involving forest clearance Estd. Cost: Rs. 433.5 crores excld. IDC.

Sir.

The Eighth Plan Transmission Scheme of Tamil Nadu was techno-economically cleared by the CEA on 14-1-91 for an estimated cost of Rs. 441 crores, excluding IDC of Rs. 132.23 Crs., subject to the condition that TNEB would obtain forest clearance, wherever applicable. The scheme comprises various transmission works, the implementation of which are independent of each other. Investment approval to the scheme after excluding the works which involve forest clearance was considered subsequently in order to avoid delay in implementation of works which do not involve any forest clearance. Accordingly, after excluding the works involving forest clearance, the scheme estimated to cost Rs. 433.5 crores (excluding IDC) was sanctioned by the Planning Commission vide letter No. 1-26(3)/2/91-P&E dated 27-2-91.

2. This is to convey the concurrence of CEA under section 31 of the E(S) Act. 1948, as amended from time to time, to the Eighth Plan Transmission Scheme of Tamil Nadu excluding the works involving forest clearance. The details of salient features and cost estimates are given in Annex I to III.

Yours faithfily. Sd. xx (V.V.R.K. RAO) Secretary CEA.

Copy to:

- 1. The Chairman & Secretary to the Government of Tamil Nadu Public Works Department Fort St. George, Madras-600 009.
- Member (PS) CEA.

(True Copy)

1-xennA

Eighth Plan Transmission Scheme of Tamil Nadu excluding the works involving forest clearance Est. Cost. Rs. 433.5 excluding IDC.

SALIENT FEATURES

Scope of works:

The major works covered under the scheme are given below:

A. Transmission Lines:

220 KV 110 KV 583 Ckt. Kms 1555 Ckt. Kms 70 Ckt. Kms

66 KV

8. Sub-Stations:

400 KV

Augmentation of existing sub-stations 220 KV

(i) New Sub-stations

(ii) Augmentation of Transformer capacity of existiting sub-stations

(iii) Bay Extensions

110 KV

(i) New sub-stations

Creation of 110 KV sub-stations where low voltage levals are existing

Augmentation of Transformers capacity (iii) at existing sub-stations

(iv) Bay extensions

66 KV

New Sub-stations (i)

Augmentation of Transformer capacity at existing sub-stations

(iii) Bay extensions

24 locations 3 Nos.

2 Nos.

7 Nos.

7 Nos.

49 Nos.

8 locations

19 locations

63 locations 102 Nos.

5 Nos.

Replacement of outdated lines:

110 KV (i)

(ii) 66 KV

718 Ckt. Kms 169 Ckt. Kms

d PLCC equipments:

PLCC equipments for 220 KV 110 KV & 66 KV lines and sub-stations

Shunt capacitors at various sub-stations. (The details of works are indicated in Annex II)

Cost Estimates:

The scheme is estimated to cost Rs 433.5 Crs. excluding IDC as per details given in Anrex III.

14. Data of techno-schomic approval of the Scheme by CEA

The Eighth Plan Transmission Scheme of Tamil Nady was techno-economically, cleared by the CEA on 14-1-91 for an estimated cost of Rs. 441.0 Crores excluding IDC of ds. 132.23 crores subject to the condition that TNEB would obtain forest clarance, wherever applicable. The scheme excluding the works involving forest clerance, with an estimated cost of Rs. 433 5 crs. excluding IDC was recommended by CEA for approval on 9-1-91.

1V. Date of sanctioning of the Scheme by the Planning Commission

The scheme was sanctioned by the Planning Commission vide their letter No. 1-26(3)/2/91P & E dated 27 - 2 - 91.

V. General conditions

- (a) Project Authorities should make proper organisational arrangement to ensure effective management of the scheme duly conforming to the schedule and cost estimates:
- (b) A comprehensive master control PAR I network for major works covering firm schedule of supplies and associated resources based fund flow chart should be prepared and furnished to C. E. A.
- (c) Any problem in the course of implementation, failures or slippage of serious nature should be brought to the notice of CEA well in advance.
- (d) In case the cost estimates of the scheme undergo revision, the revised estimates should be forwards to CEA for approval, giving specific reasons for the revision such as increase in cost due to escalations and change in scope etc.

Meme No. 1EMC/EE2/A1/F.G.K. Steel/CR 4290/92, (Technical Branch), Dated 22-6-1992.

Sub: Load sanction to consumers availing HT/EHT supply—Inclusion of condition in the load sanction to avoid voltage fluctuations to the T.N.E.B. Grid—Incorporation of the condition in the agreement—Orders issued.

Ref: 1. Memo No. IEMC/EE2/A1/F.G.K.Steel/CR \$491/91 dt. 14-11-91 frem Chairman to all Field Officers.

2. Letter No. Accts/A1/30564/3969/80 dt. 7-12-90 frem CE(D) Trichy Region.

Instructions have been issued in the memo first cited to incorporate the condition specified therein in all the load sanctions accorded by Chief Engineer of Distribution Regions and Supprintending Engineer of Electricity Distribution Circles, so as to ensure that the consumer takes precautionary measures to avoid any possible undue voltage fluctuations that may be caused by their loads to the T.N.E.B. Grid.

- 2. The Chief Engineer (Distribution) Trichy Region in his letter second cited has suggested that the above condition may be ordered to be incorporated in the H.T. agreement also, so as to make the above condition more binding on the part of the consumer.
- 3. In consideration of the above suggestion, the Chief Engineer of all Regions and Superintending Engineers of all Electricity Distribution Circles are requested that the following condition already mentioned in the memo first cited, shall be included in the H. T. agreement also, in respect of all consumer availing supply at HT/EHT voltage:—

"Adequate precautionary measures like installation of static/Dynamic Compensators and filters etc., shall be taken by the industry to avoid any possible problems of undue voltage fluctuations and harmonics arising out of the loads of the industry in the grid. In case the load sanctioned is found causing such voltage fluctuations and problems due to harmonics in the transmission network, the supply shall be disconnected till the industry carry out necessary corrective measures to avoid such problems"

B. N. Marimuthu, Member (Distribution).

9 • •

Circular Memorandum No. 636/IEMC/EE(T)/Tariff-I(2)/91-3, (Technical Branch), Dated 23-6-1992.

Sub: Electricity—Terms and Conditions of Supply-Clause 8.01 and 8.02-Extension of time for merger of service-Regarding,

Ref: (1) B.P.(Ch). No. 112 (Techl. Br.) dated 29-5-89.

(2) Circular Memo.No. 636/IEMC/PO(T)/Tariff-I(2)/91-1, dated 29-11-91. (3) Minites of the Chief Engineers Meeting held on 27-5-92 (Item No. 12).

In the circular Memo cited in reference (2) above, instructions were issued for extension of time for merger of services upto 30-6-92. The Chif Engineer/Distributions were requested to ensure that notices are issued for immediate merger of services into one service connection in the appropriate tariff on or before 30-6-92.

It was informed during the Chief Engineers/Distribution's meeting that there is considerable difficulty in completing the work before 30—6—92.

Hence it was decided in the meeting held on 27—5—92 to extend the time limit upto 30—6—93.

The Superintending Engineers of Distribution Circles are informed that the extension of time for merger of services of consumers coming under Clause 8.01 and 8.02 of Terms and Conditions of Supply, is extended upto 30—6—93.

B. N. Marimuthu, Member (Distribution).

Sub: Electricity—Procedure for disposal of HT and LT industrial application—Extension of time for remittance of Earnest Money Deposit-Instructions issued.

- Ref: J. Memo. No. SE/IEMC/EE3/AEEI/10623/91/dated 22—2—91.
 - 2. Memo. No. SE/IEMC/EE3/AEE1/606/91/dated 8 8-91.

As per instructions issued in the references cited above, Earnest Money Deposit is payable by applicants of pewer supply both under HT and LT within 30 days of communication to pay the amount and beyond this period, the Superintending Engineers of all Distribution Circles are authorised to grant extension of time of one month.

As frequent representations are received from the parties requesting for the grant of extension of time for a period of more than a month; Chief Engineer (Distribution) Madras has suggested that Chief Engineers may be delegated with certain powers for grant of extension of time for making payment of Earnest Money Deposit beyond the time granted by Superintending Engineers.

The mutter has been examined and the Chief Engineers (Distribution) are hereby authorised to grant extension of time of one month beyond the extension of time granted by Superintending Engineers.

If the applicants do not pay the Earnest Money Deposit within this extended period, the application shall be cancelled.

T. B. Chikkoba, Member (Distribution) (i/c).

. .

Circular Memo. No. SE/IEMC/EE3/AEE2/D. 105/92, (Technical Branch), dated 30—6—92.

Sub: Energisation of 20,000 numbers on-line/one pole extension agricultural pumsets during 92-93 under special priority—Instructions issued.

Ref: 1. Circular Memo. No. SE/IEMC/EE3/AEE2/D. 494/90 dated 27—10—90.

- 2. Circular Memo. No. SE/IEMC/EE3/AEE2/813/91 dated 19-9-91.
- 3. Memo. No. SE/RE&I (D)/D/Target 92-93/6349/92-1, dated 27-4-92.
- 4. G.O. Ms. No. 875 (PWD) (U2) dated 19-6-92.

The Government in the G.O. fourth cited have approved that out of the target of 40,000 agricultural pumpsets to be energised during 1992-93, 20,000 pumpsets shall be energised under normal priority programme and balance of 20,060 cumpsets under special priority scheme of mere service (on-line category) to the extent to which applications are available and for the balance number of cases, connections shall be effected under the one pole extension category during 1992-93. The Districtwise disaggregated targets already communicated in the memo. cited (3) above have also been approved by the Government. A copy of this G.O. is enclosed.

- 2. Accordingly, the targets for each division under mere service connection (on-line category) shall be 50% of the division target fixed. In case of short-fall in any of the division, Superintending Engineers can redistribute the target under this category to other divisions without affecting the District targets.
- 3. The notice period for this category shall be 45 (forty-five) days, 45 (forty-five) days notice for reporting readiness shall be issued in such a way that the expiry date for the 45 (forty-five) days notice shall not go beyond 15-9-92.
- 4. The readiness of the parties under this category (i.e.) mere service (on line category) shall be reviewed immediately after 15—9—92 by the Superintending Engineers of Distribution Circles and if there is short-fall for achieving the target under this category, cases coming under one pole extension may be considered and balance numbers to achieve the target shall be suitably redistributed among the divisions without affecting the District targets.
- 5. 45 (forty-five) days notice for one pole extension shall then be issued in such a way that the expiry date of the 45 (forty five) days notice shall not go beyond 30—11—92.
- 6. All ready cases under this scheme should be effected supply on or before 28-2-93 and the total number of pumpsets connected shall not exceed the target fixed under this scheme.

- 7. All other instructions issued in this office Circular memo, first cited for the implementation of the special programme during 1990-91 may be followed for this year's programme also.
- 8. The Chief Engineers (Distribution) are requested to programme the service connections for the agricultural pumpsets such that both the schemes, viz., connections coming under special priority envisaged in this Circular memo, as well as connections coming under normal priority are given side by side. The progress of these connections may be reported separately to the Superintending Engineer/Rural Electrification and Improvement (Distribution). All the connections given under this special priority scheme shall be given before 28—2—93 and there shall not be any carryover to next year.
- 9. The energisation of pumpsets on payment of costs as ordered in G.O. Ms. No. 145 PW, dated 30—1—92 shall be outside target of 40,000 pumpsets fixed for the 1992-93.
- 10. The Chief Engineers and Superintending Engineers are requested to take immediate action to implement the above scheme.

T. B. Chikkoba, Member (Distribution) (I/C).

Enel: Copy of G.O. Ms. No. 875, dt. 19-6-92.

Copy of G. O. Ms. No. 875 (Public Works Department (U2) Dated 19-6-92. Electricity—Extension of supply to agricultural pumpsets during 1992-93 — Orders—Issued.

Read :-

- (i) G. O. Ms. No. 145, Public Works, dated 30-1-92.
- (ii) From the Chief Engineer (Planning), Tamil Nadu Elecy, Board Lr. No. SE/RE&I(D)/RE, II/D/GP/92 93/D, No. 6349/92 3 dated 19--5-92.
- (iii) From the Chief Enginear (Planning), Tamil Nadu Elecy. Board Lr. No. SE/RE&I(D)/RE2/D. 6349/92—1 dated 30—5—92.

Order:

The Tamil Nadu Electricity Board is energising 40,000 pumpsets in a year subject to availability of funds and by availing assistance from financial institutions like the Rural Electrification Corporation Limited, NABARD and Commercial Banks. Besides energisation of new pumpsets under normal priority, new service connections to pumpsets are given through on—line/one pole scheme.

- 2. In order to reduce the backlog of pending applications the Government introduced the scheme of providing service connections to those registered applicants on payment of Rs. 25,000/- or the actual cost, whichever is higher in their order first read above. While introducing this new scheme, it was ordered that 50% of the annual target fixed for energisation of pumpsets should be reserved for this new scheme.
- 3. The Government have subsequently decided that the energisation of pumpsets under the new scheme introduced by the Government with effect from 1-2-92 shall be outside the annual target fixed for energisation of pumpsets. They therefore approve the proposal of the Electricity Board to fix districtwise target for energisation of pump ets during 1992-93 as in the annexure to this order. They further direct that 20,000 pumpsets shall be energised under normal programme and balance of 20,000 pumpsets under special priority scheme of mere service (on-line category) to the extent to which applications are available and for the balance number of cases connections shall be effected under the one pole extension category during 1992-93.
- 4. The Government also clarify that energisation of pumpsets on payment of costs as ordered in the G.O. first read above shall be outside the annual target of 40,000 pumpsets fixed for 1992—93.

(By Order of the Governor)

V. Sundaram, Secretary to Government.

To The Chairman/Tamil Nadu Elecy. Board/Madras-600 002.

(True Conv

Index

INDEX

Allowances & Spl. Pays:		Page
Incentive/Bonus:		
Incentive for persons working in Hydro Stations—Orders—Issued.	—	375
Incentive Scheme:		
Grant of Annual Thermal Incentive Bonus to workmen & Officers of E. T. P. S. for 1991—92 pending signing of Sec. 12(3) settlement under I. D. Act, 1947 on changes to existing Incentive Schemes—Orders—Issued.	_	360
Labour:		
Revision of scales of pay & allowances to employees of Board from I-12-92—Revision of works allocation & staff pattern in certain areas—Discussions-Orders—Issued.	_	352
Revision of D. A.:		
In respect of employees of T. N. E. B. from 1—7—91 drawing pay above Rs. 3500/- p.m. and from 1—1—92 to all employees—Orders—Issued.	.—	355
Amenities:		
Fire Extinguishers:		
TNEB Elecy. Avenue, Madras-2—Provision of Mini Hand Held Fire Extinguishers to C.Es. accommodated in NPKRR Maaligai—Appd.	_	344
Residential Quarters:		
Constn. of Residential Qrs. for S. E. & 2 Nos. E.E.S./L.D. & 5 Nos. Suites in E.B. Complex—Adm. appl.—Accorded.		334
Starting of a Matriculation School in E.T.P.S.:		
Permission for obtaining recognition of the Edn. Deptt.—Orders—Issued.	_	343
Books and Publications:		
Publication of "Power Engrs." Hand Book by TNEB Engrs. Assn.— Financial Assistance from Board—Granted.		376
Contracts & Tenders:		
Procedure for registration of Firms/Contractors:		
Procedure to be adopted for registration of Firms/Contractors— Amendment Orders—1ssued.		188
Indl. Co-op. Service Socy.:		
ETPS Indl. Co-op. Service Socy.—Entrustment of contract works (665 unskilled labourers) to ETPS Indl. Co-op. Service Socy. for a period of one year from 1—4—92 to 31—3—93 (365 days)—Appd.	_	34 4
Purchase of Materials:		
Proposals—Reg.	_	402

B.G.—12

Delegation of Demands		Page
Delegation of Powers:		
To C.Es./Distn & S.Es./Distn. Circles for procurement of Stores materials,	_	378
Electricity:		
Agrl. Services:		
Energisation of 20,000 numbers on-line/one pole extn. agrl. pumpsets during 1992-93 under spl. priority—Instns. Issued.	_	406
Applies. for L. T. Domestic & Comml. Service Connections:		
Registration in Section Office—Avoidance of delay-Instns. Issued.	_	386
Closure & sale of power generating Stns.;		•
Book value of assets raised from Rs. 10 lakhs to Rs. 25 lakhs—Orders issued—Communicating—Reg.	_	386
HT/EHT Supply:		
Load sanction to consumers availing HT/EHT supply — Inclusion of condition in the load sanction to avoid voltage fluctuations to the TNEB Grid—Incorporation of the condition in the agreement—Orders issued.	_	405
' H.T./L.T. Indl. appln.:		
Procedure for disposal of H. T. & L. T. Indl. appln.—Extn. of time for remittance of E. M. D. — Instns. issued.		406
H. T./L. T. Service Connections under the H. T. Tariff-I:		
Lighting and non-Indl. loads—Billing for the excess over the permissible limits—Amendment—Orders issued.	_	401
H. T./L. T. Steel Industries:		
According of load sanction/issue of techl, feasibility to new and existing Steel/Steel Rerolling Mill/Alloy Steel Casting Industries — Collection of 10% of the cost to Co-Finance Creation of generating capacity — Orders — issued.	_	380
Industries classifn. of Industrially Backward Taluks in the State:		
For purpose of extending various corcessions like Interest Free Sales Tax Loan, Deferral of S.T., State Capital Subsidy, Subsidy for pioneer industry & power tariff Concessions/Declaration of addl. taluks—Orders—Issued.	_	384
Manufacture of R. C. C. Pole:		
Defects to be rectified in the pole casting yards—Instns.—Issued—		377
Measurement of Earth resistance:		
Measurement of Earth Electrode resistance at Sub-Stns Reg.	_	377
Meritorious, Productivity Reward of Govt. of India.		
To E.T.P.S. for the Calendar year 1990—Award Amount—Disbursement		255

Electricity (Contd.)		Page
VIII Plan Transmission scheme of Tamil Nadu excluding the works involving Forest Clearance:		
Concurrence of CEA under Section 31 of the Elecy. (Supply) Act, 1948—Reg.	_	402
Sanction of addl. loads/installation of air-Compressors in agrl. services without applying for name transfer:		
Instns, issued,	_	384
Tariff on Agrl. Pumpsets:		
Flat rate introduced except small Farmers w.e.f. 2-6-92-Govt. order-Communicated	_	382
Taxation on Consumption:		
Levy of 4% Tax - Exhibition in Pre-receipt & collection statement need not be insisted		375
Terms & Conditions of Supply:		
Clause 8.01 & 8.02—Extn. of time for merger of service—Reg.		405
Æstablishment :		
Authorisation of Pay:		
Class I to IV Services—Provincial & RWE Category—Annual General Continuance for the year 1991-92—Authorisation of pay for the month of June, 1992—Orders—Issued	_	350
Creation of Post:		
Sanction of one post of Asst. in Board office Sectt.Br.—Orders issued.		354
Creation/Appointment:		331
Officer on Spl. Duty—Thiru K.U. Krishnan—Further duties— Orders Issued		330
Exercising of option for Fixation of Pay:		
Employees promoted or appointed to a higher post—Revision of option permitted		347
Promotion:		
Employees against whom D.Ps. are pending—Promotion to higher categories. Instrumental issued—Reiterated	ory—	350
Property Return:		
Class II Service—Property Return for the year ending 31—12—90 in Forms I to II as per Conduct Regulations—Called for—Reg.		339
Recruitment:		
Class III Service—Apptt. to various categories of posts by internal selection—Claim for fixation of pay under S. R. 33 (b) dismissed by High Court—Reg.	_	340
Retirement/Re-employment:		
Thiru V. Ananthasamy, CE/Hydro Projects, Bhavani retiring on		353

Establishment (Contd.)		Page ⁻
Request Trausfer from one Station to another & One Circle to another:	-	,
Clarifns. Issued.	_	332
Telephones:		
Prior intimation of the date of Retirement of Officers of the Board to disconnect the Residential Telephone in time—Instns.—Issued.	_	330
Terms & Conditions of appointment;		
Thiru P. Shankar, I. A. S., Formerly Chairman—Acceptance of Appointment—Orders—Issued.	_	334
Transfer of Control:		
SE/IEMC now under the direct control of Mem. (Distn.) shall be placed under the control of CE/R&D.	_	332:
Upgradation of certain posts in RWE:		
ETPS & TTPS - Stagnation in getting promotion Orders Issued.		336
Pension & Gratnity :		
D.A. to Pensioners & Family Pensioners:		
Revised rates from 1-1-92-Orders-Issued.		362 ⁻
Training:		
Staff Trg. College:		
Evolving a proposal for conducting trg. programme for the personnel working in Adm. Br. —Amendment issued		336
Trg. on Management Development Programme for Under Secretaries, DFCs. & P.Os.—Appl. accorded.		3 2 9
Trg. Centre:		
Change of Control-Orders-Issued.		338
Thermal Trg. Institute:		
Vallur Camp, NMTPP—Procurement of the c.r.t based Thermal Plant Trg. Simulator—Appl. accorded.	_	3 48 :
Trg. on First Aid:		
Revised rate of Conveyance Charges to the lecturer & increase in First Aid Manual—Sanction Accorded.	_	333
Vehicles:		
Approved Private Workshops for carrying out repairs to Govt. Vehicles by the Govt. for the year 1992—93—List Communicated.	_	387

ERRATUM

In page No. 182 of April, 1992 Gazette, against Sl. No. 72 in the col. 6, the figure shown as "Rs. 30.27 may be read as Rs. 50,27".

Chief Engineer/Personnel.