

TAMIL NADU ELECTRICITY BOARD BULLETIN

Vol. XXI

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No. 4



TAMIL NADU ELECTRICITY BOARD

BULLETIN

APRIL, 2002

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News & Notes

PART - I News & Notes

I. Generation Particulars:

The generation/relief figures for April, 2002 were as follows:

Sl. No.	Particulars	April, 2002 (in Million Units)
1.	Ennore T.P.S.	137.116
2.	North Chennai T.P.S.	340.231
3.	Tuticorin T.P.S.	744.240
4.	Mettur T.P.S.	583.630
5.	Total Thermal	1805.217
6.	Neyveli T.S. I	325.861
7.	Neyveli T.S. II	845.629
8.	MAPS	103.092
9.	Hydro Generation	203.488
10.	Kadamparai Pump Mode	0.000
11.	Import from N.T.P.C.	380.791
12.	Exp. to Kerala	368.866
13.	Import from Manali	2.176
14.	Wind Mill Generation + Solar	0.091
15.	Wind Mill (PVT)	29.683
16.	B. Bridge	42.193
17.	Kovilkalappal	60.800
18.	GMR PCL	128.727
19.	Samalpatty	67.806
20.	PPCL	---
21.	TCPL	40.001
22.	Hitec	1.475
23.	Cogeneration	42.000
24.	PP. Nallur	208.092
25.	Madurai PCL (Balaji)	68.642
26.	Kayamkulam (Kerala) Power	26.185
27.	TNEB Consumption (MU)	4013.092

The Maximum grid demand and consumption during April, 2002 were 6709 MW at 47.90 Hz on 10.4.2002 and 137.604 MU on 12.04.2002 respectively. The average grid consumption in April, 2002 was 133.770 MU per day.

II. Hydro Inflows :

The Hydro inflows excluding Mettur for the month of April, 2002 was 14 MU against 135 MU in April, 2002 and the ten years average of 47 MU.

III. Storage Position:

The Storage position in various reservoirs as on 01.05.2002 when compared to the storage as on 01.05.2001 was as follows:-

Sl. No.	Name of the Group	As on 01.05.2002	As on 01.05.2001	Difference
1.	Nilgiris	150.170	371.310	(-) 221.140
2.	P.A.P.	15.690	19.270	(-) 3.580
3.	Periyar	16.430	53.190	(-) 36.760
4.	Papanasam & Servalar	3.290	3.860	(-) 0.570
5.	Suriliyar	4.420	8.800	(-) 4.380
6.	Kodayar	24.670	38.280	(-) 13.610
7.	Total Excluding Mettur	214.670	494.710	(-) 280.040
8.	For Mettur	10.910	116.670	(-) 105.760

IV. Performance of Thermal Stations:**i) Tuticorin (5 x 210 MW):**

The details of generation at Tuticorin T.P.S. during April, 2002 were as follows:

Unit	Availability Factor (%)	Generation (in MU)	Plant Load Factor (%)
I (210 MW)	100.0	147.00	97.2
II (210 MW)	99.7	155.39	102.8
III (210 MW)	100.0	146.11	96.6
IV (210 MW)	91.2	139.99	92.6
V (210 MW)	100.0	155.75	103.0
STATION	98.18	744.24	98.44

ii) Mettur (4 x 210 MW):

The details of generation at Mettur T.P.S. during April, 2002 were as follows:

Unit	Availability Factor (%)	Generation (in MU)	Plant Load Factor (%)
I (210 MW)	100.00	144.49	95.56
II (210 MW)	100.00	152.33	100.75
III (210 MW)	100.00	147.55	97.59
IV (210 MW)	94.03	139.26	92.10
STATION	98.51	583.63	96.50

III) North Chennai (3 x 210 MW):

The details of generation at North Chennai T.P.S. during April, 2002 were as follows:

Unit	Availability Factor (%)	Generation (in MU)	Plant Load Factor (%)
I (210 MW)	98.78	147.365	97.46
II (210 MW)	44.18	59.450	39.32
III (210 MW)	96.31	133.416	88.24
STATION	79.76	340.231	75.01

IV) Ennore (2 x 60 MW + 3 x 110 MW):

The details of generation at Ennore T.P.S. during April, 2002 were as follows:

Unit	Availability Factor (%)	Generation (in MU)	Plant Load Factor (%)
I (60 MW)	35.1	9.282	21.5
ii (60 MW)	99.8	25.565	59.2
III (110 MW)	4.2	1.504	1.9
IV (110 MW)	75.8	40.900	51.6
V (110 MW)	85.6	59.865	75.6
STATION	58.4	137.116	42.3

V. Coal Particulars for April, 2002:

Sl.No.	Particulars	Tuticorin TPS	Mettur TPS	North Chennai TPS	Ennore TPS
1.	Coal Linkage (in lakh tonnes)	4.25	3.65	3.00	1.60
2.	Coal Receipt (-do-)	4.65	3.94	2.87	1.13
3.	Coal Consumption (-do-)	4.75	4.31	2.56	1.23
4.	Coal stock as on 01.05.2002 (-do-)	3.25	4.53	2.61	1.26
5.	Specific Coal Consumption (Kg./Kw hr.)	0.638	0.738	0.752	0.895

VI. Auxilliary consumption and oil consumption during April, 2002:

Details	Name of the Thermal Power Station			
	Tuticorin	M.T.P.S.	N.C.T.P.S.	E.T.P.S.
Specific Oil consumption (ml/ug)	0.820	0.161	1.570	9.200
Auxiliary consumption (%)	7.300	7.700	8.560	12.800

S. Mookandi,
Executive Engineer/Chairman's Office.

* * *

The following are the details of posts Created, Abolished, Upgraded and Downgraded during the month of April, 2002.

B. Jeyaraman,
Chief Engineer/Personnel.

POSTS CREATED

Sl. No.	Reference in which the posts were created	Name of the Circle	Name of the Post	No. of Posts	Purpose for which the posts were created	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Memo. (Per.) No.116975/G37/G371/2001-3, dt. 4.4.2002.	CE/NCES Chennai.	Superintendent-cum-Steno	1	Transfer of post from the O/o. CE/MM.	For the period upto 28.2.2003.
		CE/MM.	Assistant-cum-steno	1	Transfer of post from the O/o. CE/NCES.	For the period upto 28.2.2003.
2.	(Per.) B.P.(Ch.) No.99, (Adm.Br.), dt. 17.4.2002.	Thanjavur E.D.C.	AE/JE (El.) I Gr.	1	For Operation and Maintenance of the new 110/11 KV SS (Non-Grid) at Vadaseri.	For the period of one year from the date of utilisation.
			JE/El. II Gr.	4		
			Line Inspector	4		
			Helper	1		
			Total	10		
3.	(Per.) B.P.(Ch.) No.102, (Adm.Br.), dt. 26.4.2002	Tiruvannamalai E.D.C.	SBO/Line Inspector	4	For the regular 33/11 KV SS at Vilvarani.	For a period upto 28.2.2003 from the date of utilisation.
			Helper	4		
			Total	8		
4.	(Per.) B.P.(Ch.) No.103, (Adm.Br.), dt. 26.4.2002.	Nagapattinam E.D.C.	A.E./J.E./Elect. I Grade	1	Consequent on the downgradation of Mayiladuthurai 110 KV SS (Grid) as 110 KV SS (Non-Grid).	For the period upto 28.2.2003 from the date of utilisation.
			J.E./Elect.II Gr.	4		
			Line Inspector	4		
			Helper	1		
			Total	10		
5.	(Per.) B.P.(Ch.) No.97, (Sectt.Br.), dt. 30.4.2002.	E.T.P.S.	O.S.D. (CE/Elect.)	1	To attend the work relating to renovation & Modernisation work and the balance work relating to additional Coal Handling System in E.T.P.S.	For a period of 3 months from 2.5.2002.

POSTS ABOLISHED

Sl. No.	Reference in which the posts were abolished	Name of the Circle	Name of the Post	No. of Posts	Purpose for which the posts were abolished	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	(Per.) B.P.(Ch.) No.94, (Adm.Br.), dt. 3.4.2002.	HP/Urachikottai	Driver	2	Consequent on the upgradation of 2 posts of Driver as Senior Driver.	With immediate effect.

(1)	(2)	(3)	(4)	(5)	(6)	(7)
2.	Memo.(Per.) No.018853/46/G36/ G362/2002-1, dt. 4.4.2002.	Wind Energy Development Cell/ Tirunelveli.	Asst.Engr./Civil Maistry I Grade Surveyor Total	2 1 1 <hr/> 4	-	With immediate effect.
3.	Memo.(Per.) No.116975/G37/ G371/2001-3, dt. 4.4.2002.	CE/NCES, Chennai. CE/M.M.	Assistant-cum-steno Supdt.-cum-Steno	1 1	Transfer of post to the O/o.CE/MM. Transfer of post to the O/o.CE/NCES.	- -
4.	Memo.(Per.) No.022848/68/G36/ G362/2002-1, dt. 6.4.2002.	Hydro Project/ Urachikottai	Mechanic II Gr. Fitter II Gr. Plumber Total	1 3 1 <hr/> 5	-	With immediate effect.
5.	(Per.) B.P.(Ch.) No.95, (Adm.Br.), dt. 8.4.2002.	Operation Circle, Salem.	Draughtsman	1	As proposed by SE.	With immediate effect.
6.	(Per.) B.P.(Ch.) No.98, (Adm.Br.), dt. 16.4.2002.	SE/I.P.P.	E.E./Elect. A.E.E./Elect. Typist Total	1 3 1 <hr/> 5	As per the orders of the Chairman.	With effect from 1.5.2002.
7.	(Per.) B.P.(Ch.) No.103, (Adm.Br.), dt. 26.4.2002.	Nagapattinam E.D.C.	A.E.E.(Elect.) A.E/J.E.(El.) I Gr. Foreman I Gr. Technical Assistant Line Inspector Helper Total	1 4 1 4 2 6 <hr/> 18	Consequent on the downgradation of Mayiladuthurai 110 KV SS (Grid) as 110 KV SS (Non-Grid).	From the date of utilisation of post sanctioned for the downgraded sub-station.

POSTS UPGRADED

Sl. No.	Reference in which the posts were Upgraded	Name of the Circle	Name of Posts	No. of Post	Purpose for which the posts were upgraded	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	(Per.) B.P. (Ch.) No.94, (Adm.Br.), dt. 3.4.2002.	Hydro Project/ Urachikottai.	Senior Driver	2	As required by CE.	One year from the date of utilisation.

POSTS DOWNGRADED

-NIL-

GENERAL ADMN. & SERVICES

PART - II

General Administration & Services

Establishment - Tamil Nadu Electricity Board - Board's Counsel - Appointment - Orders - Issued.

(Per.) B.P. (FB) No.22

(Secretariat Branch)

Dated 18.3.2002,
Panguni 4, Vishu Aandu,
Thiruvalluvar Aandu 2033.

Read:

- (i) (Per.) B.P. (FB) No.74, (SB), dated 5.11.96.
(ii) (Per.) B.P. (Ch.) No.298, (SB), dated 21.11.96.

Proceedings:-

The Tamil Nadu Electricity Board hereby appoints in equal status the following Advocates as Board's Standing Counsel from the date of assuming charge, terminating the existing arrangements ordered in the references cited:-

- 1) Thiru S. Rajeswaran, B.A., B.L., A-67, II Street, Anna Nagar, Chennai-40.
- 2) Thiru N. Srinivasan, B.Sc., LLB., M.A., M.L., No.108, I Floor, Nehru Street, Choolaimedu High Road, (Near RBI Quarters), Chennai-94.
- 3) Thiru G. Vasudevan, B.Com., B.L., Flat No.3, Thirukumaran Apartments, No.12, Rameswaram Road, T.Nagar, Chennai-17.
- 4) Thiru M.K. Jayakaran, B.Sc., B.L., No.30, Rajamudali Street, Varadharajapuram, Ambattur, Chennai-53.
- 5) Thiru S. Inbadurai, 19, Perumal II Street, Purasaiwakkam, Chennai-7.
- 6) Thiru S. Senthilnathan, B.L., 102/34, 615 Cross Street, Senthil Nagar, Korattur (P.O.), Chennai-99.

2. Thiru V. Radhakrishnan, who has been appointed temporarily as Board's Standing Counsel in (Rt.) B.P. (Ch.) No.3, (SB), dated 14.1.2000 will continue as Board's Standing Counsel.

3. The appointment of the above said Counsel shall be subject to the terms and conditions of appointment, fees, etc. as stipulated in Annexure-I to these proceedings. They will be paid retainer fee of Rs.5,000/- (Rupees Five thousand only) each per month from the date of assuming charge. The fees for the work done by them will be regulated in accordance with the orders issued in (Per.) B.P. (FB) No.78, (SB), dated 7.12.99 (Copy enclosed).

4. The allocation of work among the above said Board's Standing Counsel shall be as indicated in Annexure-II to these proceedings.

(By Order of the Board)

G. Gnanaselvam,
Secretary.

Encl.:

ANNEXURE - II

ALLOCATION OF WORK

1. Thiru S. Rajeswaran : Civil Suits (Original side); Original side appeals; First Appeals and Second Appeals C.M.As. in High Court, O.Ps., C.R.Ps. and Cr.R.C.
2. Thiru N. Srinivasan : W.Ps. in the High Court relating to Electricity supply and consequent Writ Appeals pertaining to the following Regions:
1. Erode, 2. Coimbatore, 3. Madurai and
4. Tirunelveli.

3. Thiru G. Vasudevan : W.Ps. in the High Court relating to Electricity supply and consequent Writ Appeals pertaining to the following Regions:
1. Chennai (North), 2. Chennai (South), 3. Vellore
4. Villupuram and 5. Trichy.
4. Thiru M.K. Jayakaran : All Labour Court cases in Chennai (North) and Chennai (South) Regions; Industrial Tribunal cases; Debt Recovery Tribunal cases; and Central Excise matter.
5. Thiru S. Inbadurai : Cases relating to Consumer Protection Act in the District Consumer Disputes Redressal Forum, Chennai and Cases before the State Consumer Dispute Redressal Commission, Chennai.
6. Thiru S. Senthilnathan : All cases in the City Civil Court, Chennai, Small Causes Court and Rent Control cases; MACTOPs.
7. Thiru V. Radhakrishnan : WPs. relating to Employees service matters including Writs arising out of Labour Court cases and consequent Writ Appeals.

/ True Copy /

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கடித எண்.28664/அ23/அ232/2002-1, (செயலகக் கிளை), நாள் 1.4.2002.

பொருள்: மின் வாரியம் - அனைத்து செயற் குறிப்புகளும் - அரசு கடிதங்கள் மற்றும் பதில்கள் ஆகியவை தமிழிலேயே அனுப்பதல் - அறிவுரை.

மாண்புமிகு மின் துறை அமைச்சர் அவர்கள் அனைத்து கோப்புகளையும் தமிழிலேயே அனுப்ப வேண்டும் என அறிவுறுத்தியுள்ளதாக அரசு எரிசக்தித் துறை தெரிவித்துள்ளது. எனவே, அரசின் எரிசக்தித் துறையிலிருந்தோ அல்லது மாண்புமிகு மின் துறை அமைச்சரின் அலுவலகத்திடமிருந்தோ வரும் குறிப்புகளுக்கு, உரிய பதிவை தமிழிலேயே அனுப்பி வைக்கும்படி அனைத்து அலுவலர்களும் கேட்டுக்கொள்ளப்படுகிறார்கள்.

கு. ஞானதேசிகள்,
தலைவர்.

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Tamil Nadu Electricity Board - Delegation of Power to Chairman for approval of proposals of Voluntary Retirement in respect of Chief Engineers - Orders - Issued.

(Permanent) B.P. (F.B.) No.24

(Secretariat Branch)

Dated the 2nd April, 2002,
Panguni 19, Vishu Aandu,
Thiruvalluvar Aandu 2033.

Proceedings:-

The Tamil Nadu Electricity Board hereby directs that powers be delegated to the Chairman/ Tamil Nadu Electricity Board for approval of the proposals of Voluntary Retirement in respect of Chief Engineers. The Orders shall be deemed to have come into force with effect from 28.9.98.

2. Receipt of these proceedings shall be acknowledged.

(By Order of the Board)

G. Gnanaselvam,
Secretary.

Tamil Nadu Electricity Board - Institutions of Award for meritorious contribution to the Board - Further instructions - Issued.

(Per.) B.P. (Ch.) No.80

(Secretariat Branch)

Dated the 2nd April, 2002,
Panguni 19, Vishu Aandu,
Thiruvalluvar Aandu 2033.

Read:

- (i) (Per.) B.P. (F.B.) No.179, (TB), dated 7.11.2000.
- (ii) (Per.) B.P. (F.B.) No.75. (SB), dated 16.3.2001.
- (iii) (Per.) B.P. (Ch.) No.306, (SB), dated 18.12.2001.

Proceedings:-

In the Board's Proceedings first cited, the Board introduced the scheme of award of prizes for meritorious contribution to the Board to Offices in respect of (i) Best Section Office, (ii) Division Office, (iii) Circle Office and (iv) Regional Office as well as best officials in the category of (a) Assessor (b) Workman (c) Section Officer (d) Superintending Engineer and (e) Chief Engineer, every year.

2. In pursuance of the order issued in the B.P. second cited, a Committee was constituted to evolve Norms/Parameters for selection of the above mentioned awards. Accordingly, the Committee has evolved Norms/Parameters for selection of the Office/Officials.

3. The Norms/Parameters, Authorities to recommend the best Offices/Officials, the number of Offices/Officials for award of Rolling Shield/Cash and the pattern of awarding marks for selection in the above fields have been communicated in the B.P. third cited.

4. The following further orders are issued in regard to selection and distribution of award every year:-

- (i) One Regional Committee for every Region shall be formed with the Regional Chief Engineer, one Superintending Engineer and one Deputy Financial Controller to select the awardees in respect of the following awards:-
 - (a) Division Office
 - (b) Section Office
 - (c) Best Section Officer
 - (d) Best Workman
 - (e) Best Assessor
- (ii) The selection of Office/Officials shall be in accordance with the instructions issued in the B.P. third cited.
- (iii) The selection shall be made every year beginning for the year 2001.
- (iv) The distribution of awards shall be made by the Regional Chief Engineer in the Regional Office.
- (v) A report regarding selection and distribution of awards, with details shall be sent to the Secretary/Tamil Nadu Electricity Board before 30th June of every year.
- (vi) The report for the year 2001 shall be sent before 30.6.2002.

5. The expenditure towards award of Shield/Cash award is debitable to A/c. No.75.762. "Expenditure of award of medals to employees - Board's Day including cost of Medals and expenditure on function".

6. Selection for the following awards shall be made by the Committee consisting of Accounts Member, Member (Distribution) and Member (Generation):-

- (a) Best Region
- (b) Best Circle
- (c) Best Chief Engineer
- (d) Best Superintending Engineer

7. The Secretary, Tamil Nadu Electricity Board will pursue further action on the selection of the awards with reference to para 6 above.

8. Receipt of the proceedings shall be acknowledged.

(By Order of the Chairman)

G. Gnanaselvam,
Secretary.

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Tamil Nadu Electricity Board - Delegation of Powers to Superintending Engineer for sanction of Technical Education Loans - Orders - Issued.

(Permanent) B.P. (Ch.) No.82

(Secretariat Branch)

Dated the 2nd April, 2002,
Panguni 19, Vishu Aandu,
Thiruvalluvar Aandu 2033.

Proceedings:-

The Chairman/Tamil Nadu Electricity Board hereby directs that powers be delegated to the Superintending Engineers for sanction of Technical Education Loan to the employees of the Board working under their control.

2. Receipt of these proceedings shall be acknowledged.

(By Order of the Chairman)

G. Gnanaselvam,
Secretary.

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Circular Memo.No.24963/C.3/2002-1, (Legal Cell), dated 2.4.2002.

Sub: Establishment - Disciplinary proceedings - Issuance of final orders - Giving reasonable opportunity to the delinquent officials - Instructions - Issued.

Of late, it has been noticed that in many cases of departmental proceedings the appointing authorities have failed to give reasonable opportunity to the delinquent before passing final order imposing punishments. In some cases the Appointing Authorities have declined to give extension of time even when the requests were genuine sought for by the delinquents for giving reply to the second show-cause notice proposing the provisional punishment and have passed final orders in a hurried manner, such an attitude on the part of disciplinary appointing authorities gave rise to filing of lot of W.Ps challenging the final orders on the ground of violation of Principles of Natural Justice.

2. For instance, the final order of termination of service issued by the Superintending Engineer/ Dharmapuri Electricity Distribution Circle in the case of Thiru Murugan and others was challenged in W.P. No.5640 of 2002 on the ground that the petitioners were not given sufficient time to submit their explanation to the show cause notice eventhough a request was made praying for extension of time. The Honourable High Court by order dated 25.2.2002 set-aside the order of termination and directed to call for explanation from the petitioners and pass orders thereafter, afresh. The Court also directed to pay subsistence allowance to the petitioners on production of non-employment certificate.

3. Attention is invited in this connection to Chapter VII of the Manual on Conduct Regulations and Disciplinary Proceedings wherein it is clearly stated that:-

"if the Disciplinary Authority is of the opinion that a penalty (whether minor or major) is to be imposed on the Board employee, the employee shall be supplied with a copy of the report of the Enquiry Authority and be called upon to show cause, within a reasonable time against the particular penalty proposed to be inflicted. Any representation in this behalf submitted by the employee shall be taken into consideration before final orders are passed; provided that such representation shall be based only on the evidence adduced during the enquiry".

4. This attitude of the Appointing Authorities in having issued final orders without giving reasonable opportunity to the delinquent tantamounts to violation of Principles of Natural Justice and the final orders were set-aside by the Law Courts in many cases with strong exceptions. This causes much embarrassment to the Board even if the simple procedure are not being followed by the Appointing Authorities.

5. It is, therefore, informed that in future before imposing the final orders, the authorities concerned do ensure that reasonable opportunity has been given to delinquents before imposing final orders so as to avoid unnecessary litigations.

6. These instructions shall be followed scrupulously.

R. Veeramani,
Legal Adviser.

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TNEB - Research & Development - Transformer Oil Testing Laboratory at Trichy - Transfer of Administrative control - Approved.

(Permanent) B.P. (Ch.) No.101

(Technical Branch)

Dated 17.4.2002,
Chithirai 4, Chithrabanu Aandu,
Thiruvalluvar Aandu 2033.

Read:

B.P. (Ch.) No.209, (TB), dated 27.10.2000.

Proceedings:-

In partial modification to the B.P. cited, Chairman, Tamil Nadu Electricity Board has approved the proposal of Chief Engineer/Distribution/Trichy transferring the administrative control of newly formed Transformer Oil Lab at Trichy and the Officers and Staff of the Lab from Superintending Engineer/Operation/Trichy to Superintending Engineer/Trichy Electricity Distribution Circle/Metro/Trichy for better Administrative efficiency.

(By Order of the Chairman)

K. Sengottuvelu,
Chief Engineer/Research & Development.

* * *

AMENDMENT NO.5/2002:

Regulations - Tamil Nadu Electricity Board Service Regulations - Recruitment - Possession of qualification for appointment to various posts - Amendment to Regulation 94 of Tamil Nadu Electricity Board Service Regulations - Issued.

(Per.) B.P. (FB) No.26

(Secretariat Branch)

Dated 22nd April, 2002,
Chithirai 9, Chithrabanu Aandu,
Thiruvalluvar Aandu 2033.

Read:

(Per.) B.P. (FB) No.24, (AB), dated 23.5.96.

Proceedings:-

In exercise of the powers conferred by Section 79 (c) of the Electricity (Supply) Act, 1948 (Central Act 54 of 1948), the Tamil Nadu Electricity Board hereby makes the following Amendment to the Tamil Nadu Electricity Board Service Regulations:-

AMENDMENT

In the said Regulations, in Regulation 94, under Sub-Regulation (a) the following proviso shall be added, namely:-

"Provided that the person concerned shall possess the specified qualification including experience prescribed therefor on the date on which the notification of vacancy has been made".

2. Receipt of the Proceedings shall be acknowledged.

(By Order of the Board)

G. Gnanaselvam,
Secretary.

* * *

AMENDMENT NO.6/2002:

Regulations - Tamil Nadu Electricity Board Service Regulations - Scheme of appointment on compassionate grounds - Increase in retirement age from 50 years to 53 years for retirement on Medical invalidation - A.mendment to Regulation 89 (d) (i) of Tamil Nadu Electricity Board Service Regulations - Issued.

(Per.) B.P. (FB) No.27

(Secretariat Branch)

Dated 22nd April, 2002,
Chithirai 9, Chithrabanu Aandu,
Thiruvalluvar Aandu 2033.

Read:

- (i) (Per.) B.P. (FB) No.25, (AB), dated 9.1.2001.
(ii) G.O. Ms.No.1, {P&AR (S) Department}, dated 2.1.2002.

Proceedings:-

In exercise of the powers conferred by Section 79 (c) of the Electricity (Supply) Act, 1948 (Central Act 54 of 1948), the Tamil Nadu Electricity Board hereby makes the following Amendment to the Tamil Nadu Electricity Board Service Regulations:-

AMENDMENT

In the said Regulations, in Regulation 89 (d) (i), in the third paragraph, for the expression "50 years" the expression "53 years" shall be substituted;

2. The amendment shall be deemed to have come into force on the 19th October, 2000.
3. Receipt of the Proceedings shall be acknowledged.

(By Order of the Board)

G. Gnanaselvam,
Secretary.

Establishment - Class II Service - Assistant Engineer/Electrical (Trainee) - Recruited during the year December 2000 and March 2001 - Reduction of training period - Orders issued.

(Permanent) B.P. (FB) No.9

(Administrative Branch)

Dated 23.4.2002,
Chithirai 10, Chithrabanu Aandu,
Thiruvalluvar Aandu 2033.

Read:

(Per.) B.P. (FB) No.29, (Adm.Branch) dt.27.11.2000.

(Per.) B.P. (FB) No.35, (Adm.Branch) dt.13.12.2000.

Proceedings:-

In the B.Ps. cited, orders were issued that the candidates recruited to the post of Assistant Engineer/ Electrical shall be initially appointed as Assistant Engineer (Trainees) for a period of 2 years including induction training of 3 months with a consolidated pay of Rs.7500/- (Rupees Seven Thousand and Five Hundred only) p.m. On completion of training he/she will be appointed as Regular Assistant Engineers and placed on probation for 2 years in the time scale of pay.

2. Representations have been received from the Assistant Engineers (Trainee) stating that 2 years period of training on consolidated pay may be reduced as they are independently attending to works attached to the post of Assistant Engineers after 3 months intensive training and they may be appointed as regular Assistant Engineers with all attendant benefits.

3. The matter has been examined in detail in consultation with Chief Engineers (Distribution), (Hydro Stations) and (Thermal Stations). The Chief Engineers have also reported that the performance of these trainees are good and they have gained good knowledge about the functioning of the Board, rules and procedures. Further, they have reported that these Assistant Engineers (Trainee) have no power to operate imprest accounts. They could not take up the additional charge of another section when other incumbents proceed on leave or on transfer. Hence, these Trainee Assistant Engineers could not exercise the powers of regular Assistant Engineers due to limitation of the designation "Trainee".

4. The T.N.E.B. after careful examination of the whole issue taking into account the views of the various Chief Engineers, directs to reduce the period of training of newly recruited Assistant Engineers (Trainee) during December 2000 and March 2001 from two years to three months. Accordingly, the following orders are issued.

- i) On completion of three months intensive training the Assistant Engineers/Trainee shall be designated as Assistant Engineers with the duties and responsibilities of the regular Assistant Engineers.
- ii) The Assistant Engineers (Trainee) recruited during December 2000 and March 2001 shall be given the time scale of pay on par with the regular Assistant Engineers after completion of 3 months intensive training.
- iii) Their probation shall commence from the date of joining in the Board and will be for a period of two years within a continuous period of three years.

(By Order of the Board)

B. Jeyaraman,
Chief Engineer/Personnel.

Memo.No.108069/570/G30/G301/2001-2, (Administrative Branch), dated 24.4.2002.

Sub: Establishment - Class III Service - Tmt. A. Davamani, Typist - Qualification of M.Com., Degree (Co-operative Management) - Incentive Increment Request - Not considered.

Ref: SE/GCC/Trichy Lr.No.01425/105/Adm.I/A1/F.Typist/2002, dated 2.2.2002.

With reference to the above, the Superintending Engineer/General Construction Circle/Trichy is informed that the syllabus for "Accounting for Decision making" in M.Com., (Co-operative Management) do not correspond to the syllabus for Accountancy Senior/Junior Examinations conducted by the Director of Technical Education passing of which entitle an employee to get Incentive increment.

2. As such, the request of Tmt. A. Davamani, Typist, General Construction Circle/Trichy for grant of incentive increment for having acquired M.Com., Degree in Co-operative Management is not feasible of compliance.

(By Order of the Chairman)

B. Jeyaraman,
Chief Engineer/Personnel.

* * *

Recruitment - Class III Service - Technical Assistant/Electrical - Inclusion of Diploma in Computer Science and Engineering on par with Diploma in Electrical and fixing of percentage of discipline - Orders issued.

(Permanent) B.P. (FB) No.10

(Administrative Branch)

Dated 27.4.2002,
Chithirai 14, Chithrabanu Aandu,
Thiruvalluvar Aandu 2033.

Read:

1. (Per.) B.P. (FB) No.45, (Adm.Branch), dated 15.12.1998.
2. (Per.) B.P. (FB) No.15, (Sectt.Branch), dated 5.3.2002.

Proceedings:-

In the B.P. first cited, orders were issued for the method of appointment and qualification prescribing to the post of Technical Assistant/Electrical is as follows.

Name of the Category	Method of appointment	Qualification
Technical Assistant/ Electrical	Appointment by Direct Recruitment (or) by Internal Selection from RWE/ Non-RWE.	Diploma in Electrical Engineering Diploma in Electrical and Electronics Engg. Diploma in Electronics and Communication Engineering Diploma in Instrumentation Technology or equivalent.

2. Necessary amendments to the Tamil Nadu Electricity Board Service Regulations were issued in the B.P. Second cited.

3. Representations were received from the Unions and employees to consider the cases of employees who have passed the Diploma in Computer Science and Engineering also for appointment to the post of Technical Assistant/Electrical by internal selection.

4. As per category 3 Division II Electrical referred to in Annexure-I to Regulation 92 of Tamil Nadu Electricity Board Service Regulations, the following % of disciplines adopted for appointment to the post of Assistant Engineer/Elecl. by Direct Recruitment/Internal Selection.

Electrical Engineers	91%
Tele-Communication Engineers	5%
Instrumentation Engineers	2%
Computer Science Engineers	2%

There is no similar provision in the TNEB Service Regulation in the case of appointment to the post of Technical Assistant/Electrical.

5. The Tamil Nadu Electricity Board after careful examination of the proposal directs that for appointment to the post of Technical Assistant/Electrical, the qualification of three years duration in Diploma in Computer Science awarded by the Director of Technical Education will alone be considered on par with DEE etc. as prescribed in the B.P. first cited for appointment to the post of Technical Assistant/Electrical.

6. The Tamil Nadu Electricity Board hereby further directs that the following percentage of reservation for various discipline of Diploma for appointment to the post of Technical Assistant/Elect. by Direct Recruitment and by internal selection be followed hereafter.

i) Diploma in Electrical Engineering	}	91%
ii) Diploma in Electrical and Electronics Engineering	}	
iii) Diploma in Electronics and Communication Engg.	:	5%
iv) Diploma in Instrumentation Engineering	:	2%
v) Diploma in Computer Science and Engineering	:	2%

7. Necessary amendments to the Tamil Nadu Electricity Board Service Regulations will be issued separately.

(By Order of the Board)

B. Jeyaraman,
Chief Engineer/Personnel.

* * *

Establishment - Class II Service - Appointment by internal selection to the post of Assistant Engineer (Electrical, Mechanical and Civil) - Prescribing minimum Regular Service - Orders issued.

(Permanent) B.P. (FB) NO.11

(Administrative Branch)

Dated 27.4.2002,
Chithirai 14, Chithrabanu Aandu,
Thiruvalluvar Aandu 2033.

Read:

1. (Per.) B.P. (FB) No.17, (Sectt.Br.), dated 28.4.99.
2. (Per.) B.P. (FB) No.22, (Adm.Br.), dated 17.7.2001.

Proceedings:-

As per existing provisions in Tamil Nadu Electricity Board Service Regulations read with orders issued in (Per.) B.P. (FB) No.22, (Adm.Branch), dt.17.7.2001, the existing employees borne in Regular Work Establishment and Provincial cadre who possess the prescribed qualification (i.e.) BE or equivalent qualification in the respective discipline and rendered minimum service of one year in Board are eligible for internal selection to the post of Assistant Engineer (Electrical, Mechanical and Civil).

2. It is observed from the internal selection made so far, the employees who have acquired the requisite qualification have been considered for internal selection to the post of Assistant Engineers irrespective of the post held and after passing BE Degree and the total number of years of service put in by them.

3. It has therefore been examined whether a minimum period of service for those who enter the service of the Board in future may be prescribed as eligibility criteria for internal selection to the post of Assistant Engineers.

4. The Tamil Nadu Electricity Board after careful and detailed examination directs to prescribe the minimum years of service after entry into service in Board as eligibility criteria for internal selection to the post of Assistant Engineers in respect of those employees to be appointed in future. Accordingly, the Tamil Nadu Electricity Board hereby passes the following orders;

- 1) The employees in the category of Technical Assistant and above
 - a) Acquiring of BE (or) equivalent Degree.
 - b) should have rendered a minimum regular service of 6 (six) years in Tamil Nadu Elec. Board.
- 2) The category of below the rank of Technical Assistant (or) equivalent category
 - a) Acquiring of BE (or) equivalent Degree.
 - b) should have rendered a minimum regular service of 12 (Twelve) years in T.N.E. Board.
5. Necessary amendments to TNEB Service Regulation will be issued separately.

(By Order of the Board)

B. Jeyaraman,
Chief Engineer/Personnel.

* * *

Establishment - Tamil Nadu Electricity Board - Creation of One Post of Officer on Special Duty in the Cadre of the Chief Engineer/Electrical - Appointment of Thiru S. Rajadurai, Chief Engineer/Ennore Thermal Power Station (Retired) as Officer on Special Duty - Orders - Issued.

(Permanent) B.P. (Ch.) No.97

(Secretariat Branch)

Dated 30th April, 2002,
Chithirai 17, Chithrabanu Aandu,
Thiruvalluvar Aandu 2033.

Proceedings:-

The renovation and modernisation of Units I to IV in the Ennore Thermal Power Station and the work relating to the additional Coal Handling System are now underway. The Renovation and Modernisation work in respect of Units-I & II, is yet to be taken up and balance work relating to additional Coal Handling System has to be completed. Hence, it is considered that the services of an experienced Officer are absolutely necessary to continue the work satisfactorily.

2. Accordingly, the Chairman/Tamil Nadu Electricity Board hereby directs that one post of Officer on Special Duty in the grade of the Chief Engineer/Electrical be created for a period of 3 (three) months with effect from 2.5.2002 F.N.

3. The Chairman/Tamil Nadu Electricity Board also hereby directs that Th. S. Rajadurai, Chief Engineer/Electrical (Retired) be appointed as Officer on Special Duty for a period of 3 (three) months with effect from 2.5.2002 F.N. on contract basis, so as to attend to the work relating to Renovation & Modernisation work and the balance work relating to additional Coal Handling System in the Ennore Thermal Power Station. He shall be paid a monthly fixed payment of Rs.14,000/- (Rupees Fourteen Thousand only). He shall report direct to Member (Generation).

4. The expenditure is debitable to "Tamil Nadu Electricity Board - Funds - Revenue Expenses - 75 - Employees Cost - 75-1 - Salaries - 75-110 - Salaries Provincial".

5. Receipt of this Proceeding shall be acknowledged.

(By Order of the Chairman)

G. Gnanaselvam,
Secretary.

PART - III

Finance

Establishment - Tamil Nadu Electricity Board - Printing Press - Carrying out of DTP works - Awarding of Contract - Administrative approval - Orders - Issued.

(Permanent) B.P. (Ch.) No.77

(Secretariat Branch)

Dated 30th March, 2002,
Panguni 16, Vishu Aandu,
Thiruvalluvar Aandu 2033.

Read:

From the Chief Engineer/Distbn./Chennai Region/North Lr.No.000051/04/Adm.0/
B.1/2002-1, dated 11.1.2002.

Proceedings:-

Sanction is accorded for administrative approval to the Superintending Engineer/Chennai Electricity Distribution Circle/North for incurring an expenditure of Rs.20,000/- (Rupees Twenty thousand only) for a period of six months from the date of issue of this orders for taking up DTP works outside for the Tamil Nadu Electricity Board Printing Press. The Chief Engineer (Distribution), Chennai, should review the arrangement and send a report after six months.

2. Receipt of these proceedings shall be acknowledged.

(By Order of the Chairman)

G. Gnanaselvam,
Secretary.

* * *

Memo.No.2140/DTN/N21/N211/2002, (Technical Branch), dated 3.4.2002.

Sub: Training - Annual Training Programme to be carried out at Board's Training Institutes/Centres during the year 2002-03 - Approved - Amendment - Issued - Regarding.

Ref: 1. (Per.) B.P. (FB) No.96, (T.B.), dated 12.7.2001.
2. Memo.No.6028/DTN/N21/N211/2001, dated 4.9.2001 of Technical Branch/TNEB.
3. Memo.No.2519/DTN/N21/N211/2001, dated 29.9.2001 of Technical Branch/TNEB.

In partial modification of the (Per.) B.P. No.96, (Technical Branch), dated 12.7.2001, the following amendment is issued.

AMENDMENT

Sub para (iii) of para 5 of the B.P. may be replaced with following:

"Board has also accorded approval to incur an expenditure of Rs.8,00,000/- (Rupees eight lakhs only) towards the purchase & provision of 2 sets of LCD multimedia projectors with Accessories and Personal Computers each one set to Hydro Training Institute/ Kuthiraikalmedu & Staff Training College/Chennai @ Rs.4,00,000/- per set".

2. Para 7 of the B.P. may be replaced with the following.

"The abstract of the proposed training programmes to be conducted in each institute/centre are as furnished below:-

**STATEMENT OF INSTITUTION WISE, ANNUAL TRAINING PROGRAMME AND EXPENDITURE
INCLUDING 2002-03**

Sl.No.	Institute	No.of Batches	No. of staff	Total Amount
1. i)	Staff Training College/Chennai	51	1510	1016200
ii)	Provision of LCD Multimedia Projector with Computer to STC/Chennai	-	-	400000
2.	TTI/Ennore	113	2920	1326350
3. i)	HTI/Kuthiraikkalmedu	54	1080	727000
ii)	Provision of LCD Multimedia Projector with Computer to HTI/KKMedu	-	-	400000
4.	Tr. & SSTI/Madurai	48	1615	909715
5.	LITC/Thiruvannamalai	32	960	456990
6.	LITC/Thanjavur	32	960	456990
7.	LITC/Tirunelveli	32	960	456990
8.	TTC/Korattur	32	960	456990
9.	TTC/Thiruvannamalai	32	960	456990
10.	TTC/Mettur	32	960	456990
11.	TTC/Trichy	32	960	456990
12.	TTC/Coimbatore	32	960	456990
13.	TTC/Pasumalai	32	960	456990
14.	TTC/Virudhunagar	32	960	456990
15.	Cable Jointing Training Centre/Basin Bridge	27	337	411085
Total		613	17062	9760250

NOTE: TTI - Thermal Training Institute
 HTI - Hydro Training Institute
 LITC - Line Inspector Training Centre
 TTC - Technical Training Centre
 Tr. & SSTI - Transmission & Sub Station Training Institute

The details of the proposed training programme-institution wise are furnished in the "Annexure-I/2002-03' ".

3. The para 10 of the B.P. cited may be replaced with the following:

"The allocation of funds in respect of all 15 Training Institute/Centres is shown in 'Annexure-II/2002-03' enclosed".

All other Terms and conditions of the B.P. remain unaltered.

(By Order of the Board)

B. Jeyaraman,
Chief Engineer/Personnel.

Encl.:

Encl.:

ANNEXURE-II/2002-03STATEMENT OF INSTITUTION WISE, ANNUAL TRAINING PROGRAMME AND EXPENDITURE
INCLUDING 2002-03

Sl.No.	Institute	Total Amount
1.	i) Staff Training College/Chennai	1016200
	ii) Provision of LCD Multimedia Projector with Computer to STC/Chennai	400000
2.	TTI/Ennore	1326350
3.	i) HTI/Kuthiraikkalmedu	727000
	ii) Provision of LCD Multimedia Projector with Computer to HTI/KKMedu	400000
4.	Tr. & SSTI/Madurai	909715
5.	LITC/Thiruvannamalai	456990
6.	LITC/Thanjavur	456990
7.	LITC/Tirunelveli	456990
8.	TTC/Korattur	456990
9.	TTC/Thiruvannamalai	456990
10.	TTC/Mettur	456990
11.	TTC/Trichy	456990
12.	TTC/Coimbatore	456990
13.	TTC/Pasumalai	456990
14.	TTC/Virudhunagar	456990
15.	Cable Jointing Training Centre/Basin Bridge	411085
	Total	9760250

/ True Copy /

Encl.:

ANNEXURE I/2002-03

LIST OF REVISED REGULAR PROGRAMMES PROPOSED TO BE CONDUCTED BY DD/STC/CHENNAI

Sl. No.	Name of Programme	Level of Trainees	Days	No. of Trainee	Batches	Total	Estimate Item	Amount Per Batch (Rs.)	Total Amount (Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.	Pre promotional training on Managerial/ Financial excellency for Sr. Executives	Senior EEs. (Elec/ Civil/Mech)	5	25	4	100	M (1)	24350	97400
2.	Pre promotional training on Managerial/ Financial excellency for middle level managers	Senior AEEs. (Elec/ Civil/Mech)	5	30	5	150	M (2)	26025	130125
3.	Pre promotional training on Management Techniques for Administration Officers	Senior Adm. Officers & Asst. Adm. Officers	5	30	3	90	M (3)	23025	69075
4.	Pre promotional training on Management Techniques for Accounts Officers	Senior A.Os./A.A.Os./ Assessment Officers	5	30	3	90	M (4)	28025	84075
5.	Pre promotional training on Management Techniques for Adm. Supervisors	Senior Adm. Assistants of Headquarter offices	5	30	1	30	M (3)	23025	23025
6.	Pre promotional training on Management Techniques for Accounts Supervisors	Senior Accts. Assistants of Headquarter offices	5	30	2	60	M (3)	23025	46050
7.	Pre promotional training on Management Techniques for AEs./JEs. I Gr.	Senior AEs./JEs. I Gr. (Elec/ Civil/Mech)	5	30	5	150	M (5)	21025	105125
8.	Pre promotional training on Stores Management techniques for Stores Officers	Senior Stores Custodians/ Stores Supervisors/Stores Officers/Chief Stores Officers	5	30	4	120	M (3)	23025	92100
9.	Planning for Retirement	Class I & II Officers upto AEEs.	3	30	6	180	M (6)	18375	110250
10.	Court Craft & Court procedures	EEs./AEEs. (Distribution)	3	30	5	150	M (6)	18375	91875
11.	Consumer satisfaction & minimising outages	AEEs./AEs./JEs. I Gr./Distn.	2	30	5	150	M (7)	12150	60750
12.	Productivity, Energy Conservation & Energy Audit	AEs./JEs. I Gr.	3	30	4	120	M (8)	14175	56700
13.	Workshop on Audit for I.A.D.	AAOs./Assts./JAs.	3	30	2	60	M (9)	12675	25350
14.	Finance for Non-Finance Officers	EEs./AEEs.	2	30	2	60	M (7)	12150	24300
Total for training conducted by DD/STC/Chennai-2						51	1510		1016200

LIST OF PROGRAMMES PROPOSED TO BE CONDUCTED BY DD/T&D/TTI/ENNORE

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	<u>REGULAR PROGRAMMES FOR THERMAL</u>								
A 1.	COMMON MECHANICAL/ELECTRICAL INSTRUMENTATION COURSE FOR ENGINEERS/SUPERVISOR	AAA/AE/JE I Gr.	23 WEEKS	20	1	20	T (1)	231500	231500
2.	COMMON MECHANICAL/ELECTRICAL INSTRUMENTATION COURSE FOR TECHNICIANS	TECHL ASST.	21 WEEKS	20	1	20	T (2)	40000	40000
	<u>SPECIALISED PROGRAMME</u>								
B 1.	BOILER AND ITS AUXILIARIES- PREVENTION OF CORROSION PRESERVATION OF BOILERS-OVERHAUL-HYDRAULIC TEST-EFFICIENT OPERATION OF BOILER-FANS INDIAN BOILER REGULATION ACT	AE/JE I Gr.	5 DAYS	20	1	20	T (3)	14675	14675
2.	TURBINE & ITS AUXILIARIES - BFP-HYDRAULIC COUPLING-CONSTRUCTION DETAILS-VIBRATION ANALYSIS-DYNAMIC BALANCING-OVERHAUL-CONDENSER-DEAERATOR-HP & LP HEATERS	AE/JE I Gr.	5 DAYS	20	1	20	T (3)	14675	14675
3.	GENERATOR & ITS AUXILIARIES-- CONSTRUCTION-OPERATION-MAINTENANCE & COMMISSIONING EXCITATION SYSTEM-GENERATOR PROTECTION SEAL OIL SYSTEM COOLING SYSTEM	AE/JE I Gr.	5 DAYS	20	1	20	T (3)	14675	14675
4.	POWER STATION CHEMISTRY WORKING PRINCIPLE & CONSTRUCTION OF WATER TREATMENT PLANT-HARDNESS-PH VALUE-PHOSPHATE & HYDROZENE DOZING	AE/JE I Gr.	2 DAYS	20	1	20	T (4)	7150	7150
5.	POWER STATION CHEMISTRY WORKING PRINCIPLE & CONSTRUCTION OF WATER TREATMENT PLANT-HARDNESS-PH VALUE-PHOSPHATE & HYDROZENE DOZING	JUNIOR CHEMIST & TESTERS	2 DAYS	20	1	20	T (4)	7150	7150

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
6.	ESP, ASH HANDLING & POLLUTION CONTROL	AE/JE Gr.	3 DAYS	20	2	40	T (5)	10225	20450
7.	COAL HANDLING PLANT & MILLS AND MILLING SYSTEM OPERATION-CONVEYOR DRIVERS-MAINTENANCE OF ROLLERS, WAGON TIPPLERS PREVENTION OF SPONTANEOUS COMBUSTION-SAMPLING OF COAL-IS-SPECIFICATION VIBRATING FEEDERS & MAGNETIC SEPERATORS-TYPES OF MILLS-CONSTRUCTION & OPERATION - MAINTENANCE OF DOZER-TRACTOR VEHICLE	AE/JE Gr.	3 DAYS	20	1	20	T (6)	10125	10125
8.	FSSS & EAST & PROCONTROL BURNER MANAGEMENT SYSTEM-INSTRUMENT AIR SYSTEM	AE/JE Gr.	3 DAYS	20	1	20	T (6)	10125	10125
9.	CONTROL & INSTRUMENTATION CONSTRUCTION-PRINCIPLE OF OPERATION CALIBRATION & CONTROL METHODS OF MEASURING DEVICE-TDC-FSSS-ATRS-PLC	AE/JE Gr.	5 DAYS	20	3	60	T (7)	21275	63825
10.	ENERGY CONSERVATION IN POWER GENERATION	AAA/AE/JE Gr.	3 DAYS	20	3	60	T (8)	14025	42075
11.	PERT/CPM IN PROJECT MANAGEMENT	AAA/AE/JE Gr.	3 DAYS	20	3	60	T (8)	14025	42075
12.	VIBRATION ANALYSIS	AAA/AE/JE Gr.	3 DAYS	20	3	60	T (8)	14025	42075
13.	SCADA & LOAD DESPATCH	AAA/AE/JE Gr.	5 DAYS	20	2	40	T (3)	14675	29350
14.	PUMPS, VALVES & BEARINGS AND WELDING TECHNIQUE MAINTENANCE-VALVE GRINDING METHODS-HIGH PR WELDING PIPE WORKS-ANTI FRICTION BEARING-RADIOGRAPHY & STRESS RELIEVING LUBRICATION-NDT-MODERN WELDING PRACTICE	AE/JE Gr.	3 DAYS	20	1	20	T (6)	10125	10125

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
15.	SWITCH GEARS APPLICATION TRANSFORMERS & ITS PROTECTION CKT BREAKERS COMMISSIONING MAINTENANCE BUS BAR ARRANGEMENT & SWITCH GEAR EQUIPMENT	AE/JE I Gr.	5 DAYS	20	3	60	T	21275	63825
16.	INVENTORY MANAGEMENT MAINTENANCE PLANNING AND SPARE INVENTORY-PRODUCTIVITY COST CONTROL	AE/JE I Gr.	3 DAYS	20	2	40	T	13125	26250
17.	DP & COURT CASES, SERVICE REGULATION MED VOLUMES-STANDING ORDERS	AE/JE I Gr.	3 DAYS	20	2	40	T	13125	26250
18.	DP & COURT CASES, SERVICE REGULATION MED VOLUMES-STANDING ORDERS	STAFF	3 DAYS	20	2	40	T	13125	26250
19.	FIRE PREVENTION PROTECTION SAFETY-HIRE FIGHTING EQUIPMENT FIXED & PORTABLE EXTINGUISHER INCLDG. AUTO DETECTION	AE/JE I Gr.	3 DAYS	30	3	90	T	15975	47925
20.	COURSE OF PROCEEDING AGAINST THEFT OF ENERGY	AEE/AE/JE I Gr.	4 DAYS	30	3	90	T	20100	60300
21.	COMPUTER AWARENESS FOR ENGINEERS TNEB PREMISES WITH EXTERNAL FACULTY	AEE/AE/JE I Gr.	5 DAYS	20	2	40	T	15000	30000
22.	COMPUTER AWARENESS FOR STAFF TNEB PREMISES WITH EXTERNAL FACULTY	STAFF	5 DAYS	20	2	40	T	15000	30000
<u>TECHNICIANS FROM GEN. STATION</u>									
23.	PUMPS VALVES BEARINGS MAINTENANCE & OPERATION AND VIBRATION ANALYSIS	TECHL. ASST. & JE II Gr.	3 DAYS	20	2	40	T	10125	20250
24.	O&M OF CIRCUIT BREAKERS CONTACTORS EARTHING PRACTICE-MOTOR-MAINTENANCE & SWITCH GEAR MAINTENANCE & BATTERY SYSTEM	TECHL. ASST. & JE II Gr.	3 DAYS	20	2	40	T	10125	20250
25.	O&M OF TRANSFORMERS CT PT CONNECTION & USES, METERS & RELAYS	TECHL. ASST. & JE II Gr.	3 DAYS	20	2	40	T	10125	20250

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
26.	LEVEL GAUGE, PR GAUGE FLOW METERS TEMPERATURE INDICATORS INSTRUMENT AIR CONTROL SYSTEM	TECHL. ASST. & 3 DAYS JE II Gr.	20	2	40	T	10125	20250	
<u>ON-SITE PROGRAMME AT TTPS FOR RWE STAFF</u>									
27.	FIRE SAFETY AND FIRST AID	RWE	1 DAY	30	2	60	T (13)	6125	12250
28.	AVERTING ELEC/MECH ACCIDENTS AND FIRST AID	RWE	1 DAY	30	2	60	T (14)	5525	11050
29.	VALVES AND ITS MAINTENANCE	RWE	1 DAY	30	2	60	T (14)	5525	11050
30.	PUMPS AND ITS MAINTENANCE	RWE	1 DAY	30	2	60	T (14)	5525	11050
31.	O&M OF TRANSFORMERS BREAKERS AND ISOLATORS	RWE	1 DAY	30	2	60	T (14)	5525	11050
32.	WATER TREATMENT PLANT & SAMPLING TECHNIQUE	RWE	1 DAY	30	2	60	T (14)	5525	11050
33.	ASH HANDLING SYSTEM AND SAFETY AGAINST POLLUTION	RWE	1 DAY	30	2	60	T (14)	5525	11050
34.	THERMAL POWER PLANT DESCRIPTION	RWE	1 DAY	30	2	60	T (14)	5525	11050
35.	COOLING WATER SYSTEM & AUX COOLING WATER SYSTEM	RWE	1 DAY	30	2	60	T (14)	5525	11050
<u>ON-SITE PROGRAMME AT MTPS FOR RWE STAFF</u>									
36.	AVERTING ELEC/MECH ACCIDENTS AND FIRST AID	RWE	1 DAY	30	2	60	T (14)	5525	11050
37.	VALVES AND ITS MAINTENANCE	RWE	1 DAY	30	2	60	T (14)	5525	11050
38.	PUMPS AND ITS MAINTENANCE	RWE	1 DAY	30	2	60	T (14)	5525	11050
39.	O&M OF TRANSFORMERS BREAKERS AND ISOLATORS	RWE	1 DAY	30	2	60	T (14)	5525	11050
40.	ASH HANDLING SYSTEM AND SAFETY AGAINST POLLUTION	RWE	1 DAY	30	2	60	T (14)	5525	11050
41.	COOLING WATER SYSTEM & AUX COOLING WATER SYSTEM	RWE	1 DAY	30	2	60	T (14)	5525	11050

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<u>ON-SITE PROGRAMME AT TTI FOR RWE STAFF FROM NCTPS/ETPS/BBGTPS</u>									
42.	FIRE SAFETY AND FIRST AID	RWE	1 DAY	30	3	90	T (13)	6125	18375
43.	AVERTING ELEC/MECH ACCIDENTS AND FIRST AID	RWE	1 DAY	30	3	90	T (14)	5525	16575
44.	VALVES AND ITS MAINTENANCE	RWE	1 DAY	30	3	90	T (14)	5525	16575
45.	PUMPS AND ITS MAINTENANCE	RWE	1 DAY	30	3	90	T (14)	5525	16575
46.	O&M OF TRANSFORMERS BREAKERS AND ISOLATORS	RWE	1 DAY	30	3	90	T (14)	5525	16575
47.	WATER TREATMENT PLANT & SAMPLING TECHNIQUE	RWE	1 DAY	30	3	90	T (14)	5525	16575
48.	COAL AND OIL HANDLING SYSTEM	RWE	1 DAY	30	3	90	T (14)	5525	16575
49.	ASH HANDLING SYSTEM AND SAFETY AGAINST POLLUTION	RWE	1 DAY	30	3	90	T (14)	5525	16575
50.	THERMAL POWER PLANT DESCRIPTION	RWE	1 DAY	30	3	90	T (14)	5525	16575
51.	COOLING WATER SYSTEM & AUX COOLING WATER SYSTEM	RWE	1 DAY	30	3	90	T (14)	5525	16575
					113	2920			1326350

ABSTRACT

NUMBER OF TRAINEES TO BE TRAINED 2920

TOTAL NUMBER OF BATCHES 113

TOTAL EXPENDITURE PROJECTED INCLG. SIMULATOR TRAINING AT OTHER SEBS 1326350

LIST OF REGULAR PROGRAMMES PROPOSED TO BE CONDUCTED BY DD/K.K. MEDU (for Engineers)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.	Operation & Maintenance of Generator & various records in Hydro Power Houses & Hydro Power Houses-Break system Slip ring etc. - concept of Hydro Stations	AEE, AE/JE I Gr. (Elec/Mech/ Civil)	5	20	1	20	H (3)	14250	14250
2.	Operation & Maintenance of Switchyard Equipments (PT, CT LAS, CB etc.,) of Hydro Power Houses and Operation & Maintenance of Power Transformer-Tap Changer Cooling parallel operation, earthing system in Hydro Stations	AEE, AE/JE I Gr. (Elec/Mech/ Civil)	5	20	1	20	H (3)	14250	14250
3.	Starting & Shutting down procedure, Synchronising, abnormal occurrence & rectification of Hydro machines Plant Layout of PHs and Switchyard. Annunciation-monitoring etc.	AEE, AE/JE I Gr. (Elec/Mech/ Civil)	4	20	1	20	H (2)	10975	10975
4.	Communication system, station battery, DG set, MG set, Battery charger, Cables etc., in Hydro Power Station and Types of Protection & Control system in Hydro Power Station-Air Conditioning	AEE, AE/JE I Gr. (Elec/Mech/ Civil)	5	20	1	20	H (3)	14250	14250
5.	Principle, Specification, Characteristics O & M of Governing system and types	AEE, AE/JE I Gr. (Elec/Mech/ Civil)	4	20	2	40	H (2)	10975	21950
6.	Principles, Specification, Characteristics O & M Hydro Turbines, O & M of Gates & valves-selection of Turbine. Turbine Auxiliaries-Cavit. Erosion-Case study on abnormal occurrences	AEE, AE/JE I Gr. (Elec/Mech/ Civil)	5	20	3	60	H (3)	14250	42750
7.	Bearing & Bearing oil system in Hydro station & EOT crane Hoist and Auxiliary systems like Cooling water compressed air, pressure oil, dewatering and drainage system	AEE, AE/JE I Gr. (Elec/Mech/ Civil)	5	20	2	40	H (3)	14250	28500

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
8.	Fire fighting, safety & First Aid workshop-welding technics-Types and use of Hydraulic pneumatic and hand tools and tackles-repair and maintenance of vehicles and mechanical equipments etc.	EEE, AE/JE I Gr. (Elec/Mech/ Civil)	4	20	3	60	H (2)	10975	32925
9.	Renovation & uprating of Hydro machines (Civil, Elec & Mech)	EEE, AE/JE I Gr. (Elec/Mech/ Civil)	4	20	3	60	H (2)	10975	32925
10.	Catchment area, Reservoir, Intake, Penstock, Surge shaft, Draft tube & Tail race Dams, Tunnels etc.,	EEE, AE/JE I Gr. (Elec/Mech/ Civil)	4	20	1	20	H (2)	10975	10975
11.	Repair techniques to Dams, Tunnels, Reservoirs, Penstock-Foundations Buildings, Roads etc.	EEE, AE/JE I Gr. (Elec/Mech/ Civil)	4	20	1	20	H (2)	10975	10975
12.	Safety in Construction works-Ventilation, drinking water-sewerage system-elevator and lift	EEE, AE/JE I Gr. (Elec/Mech/ Civil)	4	20	1	20	H (2)	10975	10975
13.	Sedimentation problems in Hydro Reservoirs	EEE, AE/JE I Gr. (Elec/Mech/ Civil)	4	20	1	20	H (2)	10975	10975
14.	Personal management-Duties & responsibilities inventory control-material management-factory Act-Labour Law-I.E. Act-I.E. Rules PERT, CPM etc.	EEE, AE/JE I Gr. (Elec/Mech/ Civil)	4	20	1	20	H (2)	10975	10975
15.	Design concepts of Dams, Tunnels, Surge shafts, Penstocks superstructure, roads, Buildings, etc.,	EEE, AE/JE I Gr. (Elec/Mech/ Civil)	5	20	1	20	H (3)	14250	14250
16.	Dam safety-Storage capacity Dams, Barrages	EEE, AE/JE I Gr. (Elec/Mech/ Civil)	4	20	1	20	H (2)	10975	10975
17.	Computational on line monitoring of Hydro power plant-scada-calibration-Testing of various types of measuring equipments-ups Emergency power supply	EEE, AE/JE I Gr. (Elec/Mech/ Civil)	4	20	1	20	H (2)	10975	10975
18.	Power system reliability Load frequency control, base and peak load	EEE, AE/JE I Gr. (Elec/Mech/ Civil)	5	20	1	20	H (3)	14250	14250

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
19.	D.P. and Court Cases	AEE, AE/JE I Gr. (Elec/Mech/ Civil)	2	20	2	40	H (5)	7300	14600
20.	General Introduction on world power scenario to Indian power scenario-concept of hydro stations-Hydro system-Reservoirs Dams-intakes surge shaft Tunnels valves, Gates-Governors Generators, Exciters-Transformers, Breakers SF6 Control and protection of Hydro machines synchronising-fire fighting-safety-first Aid Factory acts IE Rules-acts, switchyard and Auxiliary system-plant performance, generator cost maintenance procedures PERT/OPM personal management, labour laws welfare principles procurement, procedure, inventory	AEE, AE/JE I Gr. (Elec/Mech/ Civil)	28	20	1	20	H (6)	47925	47925
ON-SITE TRAINING PROGRAMME FOR ENGINEERS									
1.	Turbine and Auxiliaries like Governor, Shaft seal inlet valve etc.	AEE, AE/JE I Gr. (Elec/Mech/ Civil)	2	20	1	20	H (8)	14400	14400
2.	Welding and non-Destructive Testing and workshop procedure	AEE, AE/JE I Gr. (Elec/Mech/ Civil)	2	20	1	20	H (1)	12400	12400
3.	Common Auxiliaries, such as cooling water system, compressed air, ventilators, air coolers fire fighting, EOT crane etc.	AEE, AE/JE I Gr. (Elec/Mech/ Civil)	2	20	1	20	H (8)	14400	14400
4.	Control Room Desk operation Pre start checks Protection, Inter locks, Starting procedure Routine checks, stopping and emergency operation of Turbine Generator and other Auxiliaries operation of generator in abnormal circumstances	AEE, AE/JE I Gr. (Elec/Mech/ Civil)	2	20	1	20	H (8)	14400	14400
5.	Generator & Auxiliaries common Auxiliary systems Trs.	AEE, AE/JE I Gr. (Elec/Mech/ Civil)	2	20	1	20	H (8)	14400	14400

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
6.	LT/HT Switch Gear in power plant and indoor & outdoor switchyard control room operation	AEE, AE/JE I Gr. (Elec/Mech/Civil)	2	20	1	20	H (8)	14400	14400
REGULAR PROGRAMME FOR OTHER THAN ENGINEERS									
1.	Catchment Area, Reservoir, Intake, Dams Gates, Generators (AC/DC), Fundamental Units, measuring units motors winding repairs starters Tunnel, Penstock, Surge shaft, Valves, Turbines, Bearings-Fundamental principle Theory & operation	RWE Staff	6	20	2	40	H (4)	13775	27550
2.	Power House, sub and Superstructure, Governors, Excitors, Station Battery, MG Set AVR HV/EHV cables protection of generators protection of generators starting and shutting down procedure	RWE Staff	6	20	2	40	H (4)	13775	27550
3.	Draft Tubes, Tail race, Mechanical auxiliary systems, Transformers, Breakers and Civil maintenance for Hydro civil structures like Dams, Tunnels, etc., EOT crane, CT, PT and LAS Breakers, SF6, Meggers-Tong testing-Multimeter etc.	RWE Staff	6	20	2	40	H (4)	13775	27550
4.	Foundation for Dams, Tunnel and other Hydro machineries-Battery charger-Condenser-VAR Compensation parallel operation-EARTHING LC-PLCC-Panel wiring fire fighting-first aid and safety welding technics	RWE Staff	6	20	2	40	H (4)	13775	27550
5.	Computer	TA, JA, Asst., S.O., D.S.O.& S.C. ADM.Sr./ACCTS.Sr/D/MAN	6	20	2	40	H (4)	13775	27550
6.	D.P. AND COURT CASES	RWE Staff	2	20	2	40	H (5)	7300	14600

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
7.	POWER PLANT FAMILIARIATION FUNDAMENTAL UNIT CONVERSION AND MEASURING OF ELECTRICAL UNIT GENERATORS-MOTORS-SPEED CHARACTERISTICS WORKING PRINCIPLE OF TRANSFORMERS UNITS/ POWER STATIONS TURBINE AND AUXILIARIES-GOVERNING SYSTEMS- GATES AND VALVES, EXCITATION SYSTEM AVR, HV, EHV, LT AND CONTROL CABLES- EOT CRANE-COOLING WATER SYSTEM- BEARING COOLING, GENERATOR COOLING, DRAINAGE-DEWATERING SYSTEM-A/C VENTILATION LIFT ETC. MECHANICAL INSTRUMENTS-TOOLS TACKLES BEARING, SOLDERING, WELDING GEARS, THREADS ELECTRICAL INSTRUMENTS-MEGGERS-TONG TESTS, MULTIMETERS ETC-STATION BATTERY- D.G. SETS-ELECTRIC SHOCKS-FIRST AID- ACID BURN-ALKALI WOUNDS-SF6 GAS POISONING-TREATMENT-FIRE FIGHTING- DUTIES AND RESPONSIBILITIES OF OPERATIONS-RECORDING	RWE Staff	28	20	1	40	H (7)	33225	33225
	ON SITE TRAINING FOR RWE STAFF								
1.	OPERATION AND GENERAL ASPECTS OF ANNUAL MAINTENANCE OF TURBINE AND AUXILIARIES TURBINE GOVERNOR, SHAFT SEAL TURBINE INLET VALVE GOVERNING SYSTEM	RWE Staff	2	20	1	20	H (1)	12400	12400
2.	OPERATION AND GENERAL MAINTENANCE OF COMMON MECHANICAL AUXILIARIES PUMPS AND ASSOCIATED PIPE WORKS SUCH AS COOLING WATER, FIRE FIGHTING DRAINAGE-DEWATERING SYSTEM- A/C VENTILATION EOT CRANES- VALVES ETC.	RWE Staff	2	20	1	20	H (1)	12400	12400

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3.	MAINTENANCE OF MEASURING INSTRUMENTS SUCH AS DIAL GAUGES, MICRO METERS, VERNIER CALIBERS ETC. COUPLING TYPES VIBRATION EFFECTS-REMEDIES STANDARD STORAGE PRACTICE FOR SPARES & MATERIALS	RWE Staff	2	20	1	20	H (1)	12400	12400
4.	OPERATION AND GENERAL ASPECTS OF ANNUAL MAINTENANCE OF GENERATOR AND AUXILIARIES EXCITATION SYSTEM-AVR ETC.	RWE Staff	2	20	1	20	H (1)	12400	12400
5.	OPERATION AND GENERAL MAINTENANCE OF COMMON ELECTRICAL AUXILIARIES STATION SUPPLY BATTERY CHARGER-DC CIRCUIT BOARD MOTOR WINDINGS AND REPAIRS ETC.	RWE Staff	2	20	1	20	H (1)	12400	12400
6.	VOLTMETER, AMMETERS, WATT METERS, ENERGY METERS, MEGGERS, MULTIMETERS, TONG TESTERS, EARTHING-SWITCH GEAR O & M OF TRANSFORMER-OIL FILTRATION, SWITCHYARD EQUIPMENT	RWE Staff	2	20	1	20	H (8)	14400	14400
			54	1080				727000	

LIST OF REGULAR PROGRAMMES PROPOSED TO BE CONDUCTED BY DD/T&SSTI/MADURAI

I. ENGINEERS BATCH

1.	Re-Orientation training including Management & Accounts for 3 days	AEs./JEs. I Gr.	28	30	3	90	SS (1)	22060	66180
2.	Pre promotional training	Senior JE II Gr.	12	30	5	150	SS (2)	16315	81575
3.	Short term training for Sub station Operators	J.E.II Gr.	12	30	4	120	SS (2)	16315	65260
4.	Training for 230 KV SS Shift Operators	AEEs.	6	30	2	60	SS (3)	29250	58500
5.	Training for MRT Engineers	AEE/AE/JE I Gr.	5	30	1	30	SS (4)	23925	23925
6.	Training for GRT Engineers	AEE/AE/JE I Gr.	3	30	1	30	SS (5)	15875	15875
7.	Training for C.C. Engineers	AEE/AE/JE I Gr.	3	30	1	30	SS (5)	15875	15875

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
8.	Training cum contact programme involving manufacturers	Engineers	1	55	4	220	SS (6)	10835	43340
9.	Training cum contact programme involving EHV SF6 Br with manufacturers	Engineers	2	55	3	165	SS (7)	17135	51405
10.	Training Programme for GCC Engineers	Engineers	4	30	1	30	SS (8)	20700	20700
11.	Training Programme for Engineers as per CEA	Engineers	90	30	1	30	SS (9)	60655	60655

Total for Engineers Batch 26 955 502890

II. TECHNICAL BATCH (FOREMAN)

1.	Training to Foreman	Foreman	28	30	6	180	SS (1)	22060	132360
2.	Pre promotional training to senior TA/FM	Senior TA/FM	12	30	6	180	SS (10)	14215	85290
3.	Training to Draughtsman	D'Man	4	30	5	150	SS (11)	16250	81250
4.	Training to GRT staff	GRT staff	3	30	1	30	SS (5)	15675	15675
5.	Training to CC staff	CC staff	3	30	1	30	SS (5)	15675	15675
6.	Training Programme for Techn. Asst. as per CEA	T.As.	3	30	3	90	SS (12)	25525	76575

86

Total for Technical Batch (Foreman) 22 660 406825

Total for training conducted by T&SSTI/Madurai 48 1615 909715

LIST OF PROGRAMMES PROPOSED TO BE CONDUCTED BY LINE INSPECTOR TRAINING CENTRES AT TIRUVANNAMALAI, TANJORE & T VELL

REGULAR PROGRAMMES

1.	Training to Line Inspector	Line Inspector	28	30	6	180	C (1)	24060	144360
2.	Training to Commercial Inspector	Commercial Inspector	12	30	2	60	C (2)	13615	27230
Total for Regular programmes			8			240			171590

SHORT TERM PROGRAMMES

1.	Training on Earthing & averting Transformer failures at each circle headquarters	AEE/AE/JE I Gr.	2	30	3	90	C (3)	10500	31500
2.	Training on Earthing & averting Transformer failures at each circle headquarters	Distribution Field staff	1	30	4	120	C (4)	7125	28500

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3.	Training on SS Equipment, Fire fighting and L.C.	Staff of Non grid SS at a representative SS-on site	2	30	2	60	C (5)	7900	15800
4.	Training on attending to minor repair to Distribution Transformers at site	Distribution Field staff	3	30	2	60	C (6)	21225	42450
5.	Training to Adm. staff	Adm. staff	4	30	1	30	C (7)	14900	14900
6.	Training to Senior Accounts staff	Senior Accounts staff	4	30	1	30	C (7)	14900	14900
7.	Training to Accounts staff	Accounts staff	4	30	1	30	C (7)	14900	14900
8.	Training to Drivers	Drivers	2	30	1	30	C (8)	10900	10900
9.	Training on preparation for retirement	RWE Staff	2	30	1	30	C (8)	10900	10900
10.	Training on preparation for retirement	Provincial staff	2	30	1	30	C (8)	10900	10900
11.	Training programme to Technical Assistant	Technical Assistant	5	30	1	30	C (9)	18325	18325
12.	Training programme to assessment staff of section offices & revenue units	Assessors, IA., RS.	3	30	3	90	C (10)	12225	36675
13.	Consumer satisfaction & avoiding outages of supply	AEEs/AEs/JE I Gr.	1	30	1	30	C (11)	6825	6825
14.	Consumer satisfaction & avoiding outages of supply	RWE-FM/WM	1	30	1	30	C (11)	6825	6825
15.	Metering & loss of revenue & Energy Conservation	AEEs/AEs/JE I Gr.	2	30	1	30	C (12)	10650	10650
16.	D.P. Cases & Court Cases	AEEs/AEs/JE I Gr.	2	30	1	30	C (13)	10450	10450
Total for Short term programmes			24	720					285400
Total for Regular & Short term programmes per Training Centre			32	960					456990
LIST OF PROGRAMMES PROPOSED TO BE CONDUCTED BY TECHNICAL TRAINING CENTRES AT KORATTUR, TIRUVANNAMALAI, METTUR, COIMBATORE, TRICHY, PASUMALAI AND VIRUDHUNAGAR									
REGULAR PROGRAMMES									
17.	Training to Wireman & Helpers	Wireman & Helpers	28	30	6	180	C (1)	24060	144360
18.	Training programme to Commercial Assistants	Commercial Assistants	12	30	2	60	C (2)	13615	27230
Total for Regular Programmes			8	240					171590

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
SHORT TERM PROGRAMMES									
1.	Training on Earthing & averting Transformer failures at each circle headquarters	AEE/AE/JE I Gr.	2	30	3	90	C (3)	10500	31500
2.	Training on Earthing & averting Transformer failures at each circle headquarters	Distribution Field staff	1	30	4	120	C (4)	7125	28500
3.	Training on SS Equipment, Fire fighting and L.C.	Staff of Non grid SS at a representative SS-on site	2	30	2	60	C (5)	7900	15800
4.	Training on attending to minor repair to Distribution Transformers at site	Distribution Field staff	3	30	2	60	C (6)	21225	42450
5.	Training to Adm. staff	Adm. Staff	4	30	1	30	C (7)	14900	14900
6.	Training to Senior Accounts staff	Senior Accounts staff	4	30	1	30	C (7)	14900	14900
7.	Training to Accounts staff	Accounts staff	4	30	1	30	C (7)	14900	14900
8.	Training to Drivers	Drivers	2	30	1	30	C (7)	14900	14900
9.	Training on preparation for retirement	RWE Staff	2	30	1	30	C (8)	10900	10900
10.	Training on preparation for retirement	Provincial staff	2	30	1	30	C (8)	10900	10900
11.	Training programme to Technical Assistant	Technical Assistant	5	30	1	30	C (9)	18325	18325
12.	Training programme to assessment staff of section offices & revenue units	Assessors, I.A., RS.	3	30	3	90	C (10)	12225	36675
13.	Consumer satisfaction & avoiding outages of supply	AEEs/AEs/JE I Gr.	1	30	1	30	C (11)	6825	6825
14.	Consumer satisfaction & avoiding outages of supply	RWE-FM/WM	1	30	1	30	C (11)	6825	6825
15.	Metering & loss of revenue and Energy Conservation	AEEs/AEs/JE I Gr.	2	30	1	30	C (12)	10650	10650
16.	D.P. Cases & Court Cases	AEEs/AEs/JE I Gr.	2	30	1	30	C (13)	10450	10450
Total for Short term programmes						24	720		285400
Total for Regular & Short term programmes per Training Centre						32	960		456990

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
LIST OF PROGRAMMES PROPOSED TO BE CONDUCTED BY CABLE TRAINING CENTRE, BASIN BRIDGE									
REGULAR PROGRAMMES									
1.	L.T.Cable jointing Course	RWE Staff	28	12	12	144	CJ (1)	11269	135228
2.	H.T. (11 KV) Cable jointing Course	RWE Staff	28	8	2	16	CJ (2)	22678	45356
3.	H.T. (33 KV) Cable jointing Course	RWE Staff	45	6	2	12	CJ (3)	31929	63858
SPECIAL PROGRAMMES									
1.	Latest Techniques in Cable Jointing	RWE Staff/AE/JE I Gr.	3	15	5	75	CJ (4)	15517	77585
2.	Refresher Programme on cable jointing in current practice	RWE Staff	3	15	6	90	CJ (5)	14840	89040
Total for cable Jointing Training Centre, Basin Bridge						27	337		411067

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ANNEXURE - STCPROGRAMME WISE EXPENDITURE STATEMENT

M (1)	5 days Training Programme for 25 trainees (for Sr.Exe.Engineers with hall rent)	Rs.
(i)	Honorarium for 18 Guest Lectures by External Faculty for 1 1/2 hrs. each 18 X 450	8100
(ii)	Working Lunch at Rs.40/- for Trainees 25 & 5 faculty for 5 working days	6000
(iii)	Tea & Snack charges at the rate of Rs.15/- X 25 trainees + 5 faculty X 5 working days	2250
(iv)	Hall rent @ Rs.1000/- per day for 5 working days	5000
(v)	Course Material at Rs.80 X 25 Trainees	2000
(vi)	Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 25 Trainees	1000
	Total for Estimate item	24350
M (2)	5 days Training Programme for 30 trainees (with more outside faculty & hall rent)	Rs.
(i)	Honorarium for 2 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 2 X 300	600
(ii)	Honorarium for 16 Guest Lectures by External Faculty for 1 1/2 hrs. each 16 X 450	7200
(iii)	Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 5 working days	7000
(iv)	Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 5 working days	2625
(v)	Hall rent @ Rs.1000/- per day for 5 working days	5000
(vi)	Course Material at Rs.80 X 30 Trainees	2400
(vii)	Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
	Total for Estimate item	26025
M (3)	5 days Training Programme for 30 trainees (with more outside faculty)	Rs.
(i)	Honorarium for 2 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 2 X 300	600
(ii)	Honorarium for 16 Guest Lectures by External Faculty for 1 1/2 hrs. each 16 X 450	7200
(iii)	Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 5 working days	7000
(iv)	Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 5 working days	2625
(v)	Course Material at Rs.80 X 30 Trainees	2400
(vi)	Folder, Writing Pen, Scribbling pad and certificates at Rs. 40 for 30 Trainees	1200
(vii)	Transportation cost during training	2000
	Total for Estimate item	23025
M (4)	5 days Training Programme for 30 trainees (with more outside faculty & hall rent)	Rs.
(i)	Honorarium for 2 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 2 X 300	600
(ii)	Honorarium for 16 Guest Lectures by External Faculty for 1 1/2 hrs. each 16 X 450	7200
(iii)	Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 5 working days	7000
(iv)	Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 5 working days	2625
(v)	Hall rent @ Rs.1000/- per day for 5 working days	5000
(vi)	Course Material at Rs.80 X 30 Trainees	2400
(vi)	Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
(vii)	Transportation cost during training	2000
	Total for Estimate item	28025

M (5)	5 days Training Programme for 30 trainees (with more outside faculty)	Rs.
(i)	Honorarium for 2 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 2 X 300	600
(ii)	Honorarium for 16 Guest Lectures by External Faculty for 1 1/2 hrs. each 16 X 450	7200
(iii)	Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 5 working days	7000
(iv)	Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 5 working days	2625
(v)	Course Material at Rs.80 X 30 Trainees	2400
(vi)	Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
	Total for Estimate item	21025
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M (6)	3 days Training Programme for 30 trainees (with increased course material & books)	Rs.
(i)	Honorarium for 12 Guest Lectures by External Faculty for 1 1/2 hrs. each 12 X 450	5400
(ii)	Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 3 working days	4200
(iii)	Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 3 working days	1575
(iv)	Hall rent @ Rs.1000/- per day for 3 working days	3000
(v)	Course Material at Rs.100 X 30 Trainees	3000
(vi)	Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
	Total for Estimate item	18375
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M (7)	2 days Training Programme for 30 trainees (with hall rent)	Rs.
(i)	Honorarium for 8 Guest Lectures by External Faculty for 1 1/2 hrs. each 8 X 450	3600
(ii)	Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 2 working days	2800
(iii)	Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 2 working days	1050
(iv)	Hall rent @ Rs.1000/- per day for 2 working days	2000
(v)	Course Material at Rs.50 X 30 Trainees	1500
(vi)	Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
	Total for Estimate item	12150
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M (8)	3 days Training Programme for 30 trainees (with external faculty)	Rs.
(i)	Honorarium for 12 Guest Lectures by External Faculty for 1 1/2 hrs. each 12 X 450	5400
(ii)	Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 3 working days	4200
(iii)	Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 3 working days	1575
(iv)	Course Material at Rs.60 X 30 Trainees	1800
(v)	Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
	Total for Estimate item	14175
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M (9)	3 days Training Programme for 30 trainees (without hall rent)	Rs.
(i)	Honorarium for 4 Guest Lectures by External Faculty for 1 1/2 hrs. each 4 X 450	1800
(ii)	Honorarium for 8 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 8 X 300	2400
(iii)	Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 3 working days	4200
(iv)	Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 3 working days	1575
(v)	Course Material at Rs.50 X 30 Trainees	1500
(vi)	Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
	Total for Estimate item	12675
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ANNEXURE - TTI/ENNORE

T (1) 23 WEEKS Thermal Training for Engineers/Supervisor	Rs.
01. Folder, pens and work book for 20 participants Rs.50 x 20	1000
02. Preparation of Course material in lazer printer, xeroxing and Binding Rs.180 x 20	3600
03. Supply of Tea and Snacks at the rate of Rs.15/- per head per day for 26 persons (20 participants + 2 Co-ordinators + 4 faculty members) for 44 days (For Theory Class Only)	17160
04. Honorarium for special lectures at Rs. 200/- per hour for 195 hours and Rs 300/- per hour for 65 hours for the entire course (Internal faculties may be utilised in the event of non availability of External Faculty)	58500
05. Simulator Training Fees for 20 persons at Rs.7500/- per participant	150000
06. Test Paper Preparation	500
07. Prize Distribution I - Rs.200/- II - Rs.100/- III - Rs.50/-	350
08. Certificate @ Rs.15/- x 20 Nos. Lamination + Printing charge	300
09. Contingencies	90
TOTAL	231500

(Rupees Two lakhs thirty one thousand five hundred only for the each batch of trainees)

T (2) 21 WEEKS Thermal Training for TECHNICIANS.	Rs.
01. Folder, pens and work book for 20 participants Rs.50 x 20	1000
02. Preparation of Course material in lazer printer, xeroxing and Binding Rs.180 x 20	3600
03. Supply of Tea and Snacks at the rate of Rs.15/- per head per day for 26 persons (20 participants + 2 Co-ordinators + 4 faculty members)for 20 days (For Theory Class Only)	7800
04. Honorarium for special lectures at Rs. 200/- per hour for 87 hours and Rs 300/- per hour for 30 hours for the entire course (Internal faculties may be utilised in the event of Non availability of External Faculty)	26400
05. Test Paper Preparation	500
06. Prize Distribution I - Rs. 200/- II - Rs.100/- III - Rs.50/-	350
07. Certificate @ Rs.15/- x 20 Nos. Lamination + Printing charge	300
08. Contingencies	50
TOTAL	40000

(Rupees Forty thousand only for the each batch of trainees)

T (3) 5 days Training Programme for 20 trainees (without hall rent)	Rs.
01. Folder, pens and Scribbling pad & Certificate for 20 participants Rs.40 x 20	800
02. Preparation of Course material in lazer printer, xeroxing and Binding Rs.80 x 20	1600
03. Supply of Tea and Snacks at the rate of Rs.15/- per head per day for 25 persons (20 participants + 2 Co-ordinators + 3 faculty members)for 5 days (For Theory Class Only)	1875
04. Working Lunch for 25 (20 Trainees + 3 faculty + 2 Co-ordinators) persons @ Rs.40/- x 5 days	5000
05. Honorarium for special lectures at Rs.200/- per hour for 27 hours for the entire course	5400
TOTAL	14675

(Rupees Fourteen thousand six hundred and seventy five only for the each batch of trainees)

T (4) 2 days Training Programme for 20 trainees (without hall rent)	Rs.
01. Folder, pens and Scribbling pad & Certificate for 20 participants Rs.40 x 20	800
02. Preparation of Course material in lazer printer, xeroxing and Binding Rs. 60 x20	1200
03. Supply of Tea and Snacks at the rate of Rs.15/- per head per day for 25 persons (20 participants + 2 Co-ordinators + 3 faculty members) for 2 days (For Theory Class Only)	750
04. Working Lunch for 25 (20 Trainees + 3 faculty + 2 Co-ordinators) persons @ Rs 40/- x 2 days	2000
05. Honorarium for special lectures at Internal faculty Rs.200/- per hour for 7 1/2 hours External faculty Rs.300/- per hour for 3 hours (Internal faculties may be utilised in the event of Non availability of External Faculty)	2400
TOTAL	7150

(Rupees Seven thousand one hundred and fifty only for the each batch of trainees)

T (5) 3 days Training Programme for 20 trainees (without hall rent)	Rs.
01. Folder, pens and Scribbling pad & Certificate for 20 participants Rs.40 x 20	800
02. Preparation of Course material in lazer printer, xeroxing and Binding Rs.80 x20	1600
03. Supply of Tea and Snacks at the rate of Rs.15/- per head per day for 25 persons (20 participants + 2 Co-ordinators + 3 faculty members) for 3 days	1125
04. Working Lunch for 25 (20 Trainees + 3 faculty + 2 Co-ordinators) persons @ Rs.40/- x 3 days	3000
05. Honorarium for special lectures at Internal faculty Rs.200/- per hour for 14 hours External faculty Rs.300/- per hour for 3 hours (Internal faculties may be utilised in the event of Non availability of External Faculty)	3700
TOTAL	10225

(Rupees Ten thousand two hundred and twenty five only for the each batch of trainees)

T (6) 3 days Training Programme for 20 trainees	Rs.
(i) Honorarium for 12 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 12 X 300	3600
(ii) Working Lunch at Rs.40/- for Trainees 20 & 5 faculty + Co-ordinators for 3 working days	3000
(iii) Tea & Snack charges at the rate of Rs.15/- X 20 trainees + 5 faculty + Co-ordinators X 3 working days	1125
(iv) Course Material at Rs.80 X 20 Trainees	1600
(v) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 20 Trainees	800
Total for Estimate item	10125

T (7) 5 days Training Programme for 20 trainees (with hall rent)	Rs.
01. Folder, pens and Scribbling pad & Certificate for 20 participants Rs. 40 x 20	800
02. Preparation of Course material in lazer printer, xeroxing and Binding Rs.100 x 20	2000
03. Supply of Tea and Snacks at the rate of Rs.15/- per head per day for 25 persons (20 participants + 2 Co-ordinators + 3 faculty members) for 5 days	1875
04. Working Lunch for 25 (20 Trainees + 3 faculty + 2 Co-ordinators) persons @ Rs.40/- x 5 days	5000
05. Honorarium for special lectures at Internal faculty Rs.200/- per hour for 15 hours External faculty Rs.300/- per hour for 12 hours (Internal faculties may be utilised in the event of Non availability of External Faculty)	6600
06. Hall Rent @ Rs.1000/- for 5 days	5000
TOTAL	21275

(Rupees Twenty one thousand two hundred and seventy five only for the each batch of trainees)

T (8)	3 days Training Programme for 20 trainees (with hall rent)	Rs.
01.	Folder, pens and Scribbling pad & Certificate for 20 participants Rs.40 x 20	800
02.	Preparation of Course material in lazer printer, xeroxing and Binding Rs.80 x 20	1600
03.	Supply of Tea and Snacks at the rate of Rs.15/- per head per day for 25 persons (20 participants + 2 Co-ordinators + 3 faculty members)for 3 days	1125
04.	Working Lunch for 25 (20 Trainees + 3 faculty + 2 Co-ordinators) persons @ Rs.40/- x 3 days	3000
05.	Honorarium for special lectures at Internal faculty Rs.200/- per hour for 0 hours External faculty Rs.300/- per hour for 15 hours (Internal faculties may be utilised in the event of Non availability of External Faculty)	-- 4500
06.	Hall Rent @ Rs.1000/- for 3 days	3000
TOTAL		14025

(Rupees Fourteen thousand and seventy five only for the each batch of trainees)

T (9)	3 days Training Programme for 20 trainees (with hall rent)	Rs.
(i)	Honorarium for 12 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 12 X 300	3600
(ii)	Working Lunch at Rs.40/- for Trainees 20 & 5 faculty & Co-ordinator for 3 working days	3000
(iii)	Tea & Snack charges at the rate of Rs.15/- X 20 trainees + 5 faculty & Co-ordinators X 3 working days	1125
(iv)	Hall rent @ Rs.1000/- per day for 3 working days	3000
(v)	Course Material at Rs.80 X 20 Trainees	1600
(vi)	Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 20 Trainees	800
Total for Estimate item		13125

T (10)	3 days Training Programme for 30 trainees (with hall rent)	Rs.
(i)	Honorarium for 12 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 12 X 300	3600
(ii)	Working Lunch at Rs.40/- for Trainees 30 & 5 faculty & Co-ordinator for 3 working days	4200
(iii)	Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty & Co-ordinators X 3 working days	1575
(iv)	Hall rent @ Rs.1000/- per day for 3 working days	3000
(v)	Course Material at Rs.80 X 30 Trainees	2400
(vi)	Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
Total for Estimate item		15975

T (11)	4 days Training Programme for 30 trainees (with hall rent)	Rs.
(i)	Honorarium for 16 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 16 X 300	4800
(ii)	Working Lunch at Rs.40/- for Trainees 30 & 5 faculty & Co-ordinator for 4 working days	5600
(iii)	Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty & Co-ordinators X 4 working days	2100
(iv)	Hall rent @ Rs.1000/- per day for 4 working days	4000
(v)	Course Material at Rs.80 X 30 Trainees	2400
(vi)	Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
Total for Estimate item		20100

T (12) 5 days Training Programme for 20 trainees	Rs.
01. Folder, pens and Scribbling pad & Certificate for 20 participants Rs.40 x 20	800
02. Preparation of Course material in lazer printer, xeroxing and Binding Rs.80 x20	1600
03. Supply of Tea and Snacks at the rate of Rs.15/- per head per day for 24 persons (20 participants + 2 Co-ordinators + 2 faculty members) for 5 days	1800
04. Working Lunch for 24 (20 Trainees + 2 faculty + 2 Co-ordinators) persons @ Rs 40/- x 5 days	4800
05. Honorarium for special lectures at Internal faculty Rs.200/- per hour for 0 hours External faculty Rs.300/- per hour for 20 hours (Internal faculties may be utilised in the event of Non availability of External Faculty)	6000
TOTAL	15000

(Rupees Fifteen thousand only for the each batch of trainees)

T (13) 1 day Training Programme for 30 trainees	Rs.
(i) Honorarium for 4 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 4 X 300	1200
(ii) Working Lunch at Rs.40/- for Trainees 30 & 5 faculty & Co-ordinator for 1 working day	1400
(iii) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty & Co-ordinators X 1 working day	525
(iv) Course Material at Rs.30 X 40 Trainees	1200
(v) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
(vi) Refill charge for fire Extinguisher	600
Total for Estimate	6125

T (14) 1 day Training Programme for 30 trainees	Rs.
(i) Honorarium for 4 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 4 X 300	1200
(ii) Working Lunch at Rs.40/- for Trainees 30 & 5 faculty & Co-ordinator for 1 working day	1400
(iii) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty & Co-ordinators X 1 working day	525
(iv) Course Material at Rs.30 X 40 Trainees	1200
(v) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
Total for Estimate	5525

ANNEXURE - HTI/KK MEDU

H (1) 2 days Programme for 20 trainees - On-Site Training	Rs.
(i) Honorarium for 3 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 3 X 300	900
(ii) Honorarium for 3 Guest Lectures by External Faculty for 1 1/2 hrs. each 3 X 450	1350
(iii) Working Lunch at Rs.40/- for Trainees 20 & 3 faculty and 2 Co-ordinators for 2 days	2000
(iv) Tea & Snack charges at the rate of Rs.15/- X 20 trainees + 3 faculty + 2 Co-ordinators x 2 days	750
(iv) Course Material at Rs.30 X 20 Trainees	600
(v) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 20 Trainees	800
(vi) Vehicle Hire Charges for 3 days @ Rs.2000/- per day (Hill Track & Plains)	6000
Total for Estimate item	12400

H (2) 4 days Programme for 20 trainees	Rs.
(i) Honorarium for 5 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 5 X 300	1500
(ii) Honorarium for 5 Guest Lectures by External Faculty for 1 1/2 hrs. each 5 X 450	2250
(iii) Working Lunch at Rs.40/- for Trainees 20 & 3 faculty and 2 Co-ordinators for 3 days	3000
(iv) Tea & Snack charges at the rate of Rs.15/- X 20 trainees + 3 faculty + 2 Co-ordinators x 3 days	1125
(v) Course Material at Rs.40 X 20 Trainees	800
(vi) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 20 Trainees	800
(vii) Vehicle Hire Charges for 1 day @ Rs.1500/- per day - plains	1500
Total for Estimate item	10975
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H (3) 5 days Programme for 20 trainees	Rs.
(i) Honorarium for 7 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 7 X 300	2100
(ii) Honorarium for 7 Guest Lectures by External Faculty for 1 1/2 hrs. each 7 X 450	3150
(iii) Working Lunch at Rs.40/- for Trainees 20 & 3 faculty and 2 Co-ordinators for 4 days	4000
(iv) Tea & Snack charges at the rate of Rs.15/- X 20 trainees + 3 faculty + 2 Co-ordinators x 4 days	1500
(v) Course Material at Rs.60 X 20 Trainees	1200
(vi) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 20 Trainees	800
(vii) Vehicle Hire Charges for 1 day @ Rs.500/- per day - plains	1500
Total for Estimate item	14250
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H (4) 6 days Programme for 20 trainees	Rs.
(i) Honorarium for 4 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 4 X 300	1200
(ii) Honorarium for 4 Guest Lectures by External Faculty for 1 1/2 hrs. each 4 X 450	1800
(iii) Working Lunch at Rs.40/- for Trainees 20 & 3 faculty and 2 Co-ordinators for 5 days	5000
(iv) Tea & Snack charges at the rate of Rs.15/- X 20 trainees + 3 faculty + 2 Co-ordinators x 5 days	1875
(v) Course Material at Rs. 80 X 20 Trainees	1600
(vi) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 20 Trainees	800
(vii) Vehicle Hire Charges for 1 day @ Rs.1500/- per day - plains	1500
Total for Estimate item	13775
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H (5) 2 days Programme for 20 trainees	Rs.
(i) Honorarium for 3 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 3 X 300	900
(ii) Honorarium for 3 Guest Lectures by External Faculty for 1 1/2 hrs. each 3 X 450	1350
(iii) Working Lunch at Rs.40/- for Trainees 20 & 3 faculty and 2 Co-ordinators for 2 days	2000
(iv) Tea & Snack charges at the rate of Rs.15/- X 20 trainees + 3 faculty + 2 Co-ordinators x 2 days	750
(v) Course Material at Rs.75 X 20 Trainees	1500
(vi) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 20 Trainees	800
Total for Estimate item	7300
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H (6) 28 days Programme for 20 trainees	Rs.
(i) Honorarium for 34 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 34 X 300	10200
(ii) Honorarium for 30 Guest Lectures by External Faculty for 1 1/2 hrs. each 30 X 450	13500
(iii) Tea & Snack charges at the rate of Rs.15/- X 20 trainees + 3 faculty + 2 Co-ordinators x 22 days	8250
(iv) Course Material at Rs.150 X 20 Trainees	3000
(v) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 20 Trainees	800
(vi) Two prizes of 1st and 2nd at Rs.100/- & Rs.75/-	175
(vii) Vehicle Hire Charges for 6 days @ Rs.2000/- per day (Hill Track & Plains)	12000
Total for Estimate item	47925

H (7)	28 days Programme for 20 trainees	Rs.
(i)	Honorarium for 15 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 15 X 300	4500
(ii)	Honorarium for 10 Guest Lectures by External Faculty for 1 1/2 hrs. each 10 X 450	4500
(iii)	Tea & Snack charges at the rate of Rs.15/- X 20 trainees + 3 faculty + 2 Co-ordinators x 22 days	8250
(iv)	Course Material at Rs.150 X 20 Trainees	3000
(v)	Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 20 Trainees	800
(vi)	Two prizes of 1st and 2nd at Rs.100/- & Rs.75/-	175
(vii)	Vehicle Hire Charges for 6 days @ Rs.2000/- per day (Hill Track & Plains)	12000
Total for Estimate item		33225
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H (8)	2 days Programme for 20 trainees - On-Site Training	Rs.
(i)	Honorarium for 3 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 3 X 300	900
(ii)	Honorarium for 3 Guest Lectures by External Faculty for 1 1/2 hrs. each 3 X 450	1350
(iii)	Working Lunch at Rs.40/- for Trainees 20 & 3 faculty and 2 Co-ordinators for 2 days	2000
(iv)	Tea & Snack charges at the rate of Rs.15/- X 20 trainees + 3 faculty + 2 Co-ordinators x 2 days	750
(iv)	Course Material at Rs.30 X 20 Trainees	600
(v)	Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 20 Trainees	800
(vi)	Vehicle Hire Charges for 4 days @ Rs.2000/- per day (Hill Track & Plains)	8000
Total for Estimate item		14400
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ANNEXURE - TR&SS/MDU		
SS (1)	28 days Programme for 30 trainees	Rs.
(i)	Honorarium for 8 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 8 X 300	2400
(ii)	Honorarium for 4 Guest Lectures by External Faculty for 1 1/2 hrs. each 4 X 450	1800
(iii)	Tea & Snack charges at the rate of Rs.15/- X 33 (30 trainees + 3 faculty) X 23 working days	11385
(iv)	Course Material at Rs.150 X 30 Trainees	4500
(v)	Folder, Writing Pen, Scribbling pad and certificates at Rs. 40 for 30 Trainees	1200
(vi)	Two prizes of 1st and 2nd at Rs.100/- & Rs.75/-	175
(vii)	Fire Fighting Equipment Refill Charge	600
Total for Estimate item		22060
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SS (2)	12 days (2 weeks) Programme for 30 trainees	
(i)	Honorarium for 12 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 12 X 300	3600
(ii)	Honorarium for 4 Guest Lectures by External Faculty for 1 1/2 hrs. each 4 X 450	1800
(iii)	Tea & Snack charges at the rate of Rs.15/- X 33 (30 trainees + 3 faculty) X 12 working days	5940
(iv)	Course Material at Rs.100 X 30 Trainees	3000
(v)	Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
(vi)	Two prizes of 1st and 2nd at Rs.100/- & Rs.75/-	175
(vii)	Fire Fighting Equipment Refill Charge	600
Total for Estimate item		16315
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SS (3) 6 days Training Programme for 30 trainees (with hall rent)	Rs.
(i) Honorarium for 20 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 20 X 300	6000
(ii) Honorarium for 2 Guest Lectures by External Faculty for 1 1/2 hrs. each 2 X 450	900
(iii) Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 6 working days	8400
(iv) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 6 working days	3150
(v) Course Material at Rs.100 X 30 Trainees	3000
(vi) Folder, Writing Pen, Scribbling pad and certificates at Rs. 40 for 30 Trainees	1200
(vii) Fire Fighting Equipment Refill Charge	600
(viii) Hall Rent @ Rs.1000/- per day for 6 days	6000
Total for Estimate item	29250
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SS (4) 5 days Training Programme for 30 trainees (with hall rent)	Rs.
(i) Honorarium for 16 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 16 X 300	4800
(ii) Honorarium for 2 Guest Lectures by External Faculty for 1 1/2 hrs. each 2 X 450	900
(iii) Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 5 working days	7000
(iv) Hall rent @ Rs.1000/- per day for 5 working days	5000
(v) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 5 working days	2625
(vi) Course Material at Rs.100 X 30 Trainees	3000
(vii) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
Total for Estimate item	24525
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SS (5) 3 days Training Programme for 30 trainees (with hall rent & more guest lectures)	Rs.
(i) Honorarium for 10 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 10 X 300	3000
(ii) Honorarium for 2 Guest Lectures by External Faculty for 1 1/2 hrs. each 2 X 450	900
(iii) Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 3 working days	4200
(iv) Hall rent @ Rs.1000/- per day for 3 working days	3000
(v) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 3 working days	1575
(vi) Course Material at Rs.60 X 30 Trainees	1800
(vii) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
Total for Estimate item	15675
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SS (6) 1 day Training cum contact Programme with manufacturers of equipments for 50 trainees	Rs.
(i) Hall rent @ Rs.1500/-	1500
(ii) Working Lunch at Rs.50/- for Trainees (50 trainees,5 faculty & 5 manufacturers)	3000
(iii) Tea & Snack charges at the rate of Rs.15/- X 60	900
(iv) Course Material at Rs.60 X 55 (50 Trainees + 5 Mfrs.)	3300
(v) Folder, Writing Pen, Scribbling pad and certificates at Rs.30/- for 55 (50 Trainees + 5 Mfrs.)	1650
(vi) Contingencies like transport & unanticipated expenditure	485
Total for Estimate item	10835
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SS (7) 2 days Training cum contact Programme with manufacturers of equipments for 50 trainees	Rs.
(i) Hall rent @ Rs.1500/- for 2 days	3000
(ii) Working Lunch at Rs.50/- for Trainees (50 trainees, 5 faculty & 5 manufacturers) x 2 days	6000
(iii) Tea & Snack charges at the rate of Rs.15/- X 60 X 2 days	1800
(iv) Course Material at Rs.60 X 55 (50 Trainees + 5 Mfrs.)	3300
(v) Folder, Writing Pen, Scribbling pad and certificates at Rs.30/- for 55 (50 Trainees + 5 Mfrs.)	1650
(vi) Honorarium for Guest lectures by TNEB Officers for 1 1/2 hrs each Rs.300 X 3	900
(vii) Contingencies like transport & unanticipated expenditure	485
Total for Estimate item	17135
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SS (8) 4 days Training Programme for 30 trainees (with hall rent)	Rs.
(i) Honorarium for 4 Guest Lectures by External Faculty for 1 1/2 hrs. each 4 X 450	1800
(ii) Honorarium for 10 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 10 X 300	3000
(iii) Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 4 working days	5600
(iv) Hall rent @ Rs.1000/- per day for 4 working days	4000
(v) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 4 working days	2100
(vi) Course Material at Rs.100 X 30 Trainees	3000
(vii) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
Total for Estimate item	20700
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SS (9) 90 days Training Programme for 30 trainees (without Hall rent)	Rs.
(i) Honorarium for 24 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 24 X 300	7200
(ii) Honorarium for 12 Guest Lectures by External Faculty for 1 1/2 hrs. each 12 X 450	5400
(iii) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 3 faculty X 84 working days	41580
(iv) Course Material at Rs.150 X 30 Trainees	4500
(v) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
(vi) Fire Fighting Equipment Refill Charge	600
(vii) Two Prizes of 1st & 2nd @ Rs.100/- & Rs.75/-	175
Total for Estimate item	60655
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SS (10) 12 days (2 weeks) Programme for 30 trainees	
(i) Honorarium for 8 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 8 X 300	2400
(ii) Honorarium for 2 Guest Lectures by External Faculty for 1 1/2 hrs. each 2 X 450	900
(iii) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 3 faculty X 12 working days	5940
(iv) Course Material at Rs.100 X 30 Trainees	3000
(v) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
(vi) Two prizes of 1st and 2nd at Rs.100/- & Rs.75/-	175
(vii) Fire Fighting Equipment Refill Charge	600
Total for Estimate item	14215
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SS (11) 4 days Training Programme for 30 trainees (without hall rent & more guest lectures)	Rs.
(i) Honorarium for 12 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 12 X 300	3600
(ii) Honorarium for 2 Guest Lectures by External Faculty for 1 1/2 hrs. each 2 X 450	900
(iii) Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 4 working days	5600
(iv) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 4 working days	2100
(v) Course Material at Rs.95 X 30 Trainees	2850
(vi) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
Total for Estimate item	16250
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SS (12) 30 days Training Programme for 30 trainees (without hall rent)	Rs.
(i) Honorarium for 8 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 8 X 300	2400
(ii) Honorarium for 4 Guest Lectures by External Faculty for 1 1/2 hrs. each 4 X 450	1800
(iii) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 3 faculty X 30 working days	14850
(iv) Course Material at Rs.150 X 30 Trainees	4500
(v) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
(vi) Fire Fighting Equipment Refill Charge	600
(vii) Two Prizes of 1st & 2nd @ Rs.100/- & Rs.75/-	175
Total for Estimate item	25525
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ANNEXURE - TRAINING CENTRES

C (1) 28 days Programme for 30 trainees	Rs.
(i) Honorarium for 8 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 8 X 300	2400
(ii) Honorarium for 4 Guest Lectures by External Faculty for 1 1/2 hrs. each 4 X 450	1800
(iii) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 3 faculty X 23 working days	11385
(iv) Course Material at Rs.150 X 30 Trainees	4500
(v) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
(vi) Two prizes of 1st and 2nd at Rs.100/- & Rs.75/-	175
(vii) Fire Fighting and Refilling Charges	600
(viii) Hiring of Vehicle for one day	2000
Total for Estimate item	24060
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C (2) 12 days (2 weeks) Programme for 30 trainees	Rs.
(i) Honorarium for 8 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 8 X 300	2400
(ii) Honorarium for 2 Guest Lectures by External Faculty for 1 1/2 hrs. each 2 X 450	900
(iii) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 3 faculty X 12 working days	5940
(iv) Course Material at Rs.100 X 30 Trainees	3000
(v) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
(vi) Two prizes of 1st and 2nd at Rs.100/- & Rs.75/-	175
Total for Estimate item	13615
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C (3) 2 days Training Programme for 30 trainees (with hall rent)	Rs.
(i) Honorarium for 1 Guest Lecture by External Faculty for 1 1/2 hrs. each 1 X 450	450
(ii) Honorarium for 5 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 5 X 300	1500
(iii) Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 2 working days	2800
(iv) Hall rent @ Rs.1000/- per day for 2 working days	2000
(v) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 2 working days	1050
(vi) Course Material at Rs.30 X 30 Trainees	900
(vii) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
(viii) Fire Fighting and Refilling Charges	600
Total for Estimate item	10500
<hr/>	
C (4) 1 day Training Programme for 30 trainees (with hall rent)	Rs.
(i) Honorarium for 4 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 4 X 300	1200
(ii) Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 1 working day	1400
(iii) Hall rent @ Rs.1000/- per day for 1 working day	1000
(iv) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 1 working day	525
(v) Course Material at Rs.40 X 30 Trainees	1200
(vi) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
(vii) Fire Fighting and Refilling Charges	600
Total for Estimate item	7125
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C (5) 2 days Training Programme for 30 trainees (without hall rent)	Rs.
(i) Honorarium for 1 Guest Lecture by External Faculty for 1 1/2 hrs. each 1 X 450	450
(ii) Honorarium for 3 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 3 X 300	900
(iii) Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 2 working days	2800
(iv) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 2 working days	1050
(v) Course Material at Rs. 30 X 30 Trainees	900
(vi) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
(vii) Fire Fighting and Refilling Charges	600

Total for Estimate item 8 (a1)	7900

C (6) 3 days Training Programme for 30 trainees (with tool kit & without hall rent)	Rs.
(i) Honorarium for 5 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 5 X 300	1500
(ii) Honorarium for 1 Guest Lecture by External Faculty for 1 1/2 hrs. each 1 X 450	450
(iii) Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 3 working days	4200
(iv) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 3 working days	1575
(v) Course Material at Rs.60 X 30 Trainees	1800
(vi) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
(vii) Tool kit @ Rs.350 each 30 trainees 30 X 350	10500

Total for Estimate item	21225

C (7) 4 days Training Programme for 30 trainees (without hall rent & less guest lectures)	Rs.
(i) Honorarium for 8 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 8 X 300	2400
(ii) Honorarium for 4 Guest Lectures by External Faculty for 1 1/2 hrs. each 4 X 450	1800
(iii) Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 4 working days	5600
(iv) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 4 working days	2100
(v) Course Material at Rs.60 X 30 Trainees	1800
(vi) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200

Total for Estimate item	14900

C (8) 2 days Training Programme for 30 trainees (without hall rent)	Rs.
(i) Honorarium for 1 Guest Lecture by External Faculty for 1 1/2 hrs. each 1 X 450	450
(ii) Honorarium for 5 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 5 X 300	1500
(iii) Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 2 working days	2800
(iv) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 2 working days	1050
(v) Course Material at Rs. 30 X 30 Trainees	900
(vi) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
(vii) Health Checkup for each Trainee @ Rs.100 X 30	3000

Total for Estimate item	10900

C (9) 5 days Training Programme for 30 trainees (without hall rent)	Rs.
(i) Honorarium for 14 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 14 X 300	4200
(ii) Honorarium for 2 Guest Lectures by External Faculty for 1 1/2 hrs. each 2 X 450	900
(iii) Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 5 working days	7000
(iv) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 5 working days	2625
(v) Course Material at Rs.80 X 30 Trainees	2400
(vi) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200

Total for Estimate item	18325

C (10) 3 days Training Programme for 30 trainees (without hall rent & less guest lectures)	Rs.
(i) Honorarium for 7 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 7 X 300	2100
(ii) Honorarium for 3 Guest Lectures by External Faculty for 1 1/2 hrs. each 3 X 450	1350
(iii) Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 3 working days	4200
(iv) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 3 working days	1575
(v) Course Material at Rs.60 X 30 Trainees	1800
(vi) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
Total for Estimate item	12225
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C (11) 1 day Training Programme for 30 trainees	Rs.
(i) Honorarium for 4 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 4 X 300	1200
(ii) Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 1 working day	1400
(iii) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 1 working day	525
(iv) Course Material at Rs. 50 X 30 Trainees	1500
(v) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
(vi) Hall Rent @ Rs 1000/- per day	1000
Total for Estimate item	6825
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C (12) 2 days Training Programme for 30 trainees	Rs.
(i) Honorarium for 7 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 7 X 300	2100
(ii) Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 2 working days	2800
(iii) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 2 working days	1050
(iv) Course Material at Rs.50 X 30 Trainees	1500
(v) Folder, Writing Pen, Scribbling pad and certificates at Rs. 40 for 30 Trainees	1200
(vi) Hall Rent @ Rs 1000/- per day for 2 days	2000
Total for Estimate item	10650
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C (13) 2 days Training Programme for 30 trainees (without hall rent)	Rs.
(i) Honorarium for 4 Guest Lectures by TNEB Officers for 1 1/2 hrs. each 4 X 300	1200
(ii) Honorarium for 4 Guest Lectures by External Faculty for 1 1/2 hrs. each 4 X 450	1800
(iii) Working Lunch at Rs.40/- for Trainees 30 & 5 faculty for 2 working days	2800
(iv) Tea & Snack charges at the rate of Rs.15/- X 30 trainees + 5 faculty X 2 working days	1050
(v) Course Material at Rs.80 X 30 Trainees	2400
(vi) Folder, Writing Pen, Scribbling pad and certificates at Rs.40 for 30 Trainees	1200
Total for Estimate item	10450
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ANNEXURE - CJTC

FOR CONDUCTING TRAINING PROGRAMME IN CABLE JOINTING TRAINING CENTRE, CHENNAI-12

CJ (1) ONE MONTH FOR L.T. CABLE JOINTING COURSE	Rs.
(i) PVC & PILC and aluminium cable and CPE cable scarp and other consumables required for one L.T. course batch	1150
(ii) Miscellaneous and sundry consumables	512
(iii) Honorarium for 3 Nos. Guest lectures for the one L.T. course batch at the rate of Rs.450/- per session of 1 1/2 hrs.	1350

	Rs.
(iv) Hire charges for engaging VCD player & monitor	200
(v) Snacks charges for 12 trainees for 23 days + 4 Nos. faculty members at the rate of Rs.15/- each	5520
(vi) Course Material for 12 trainees at the rate of Rs.100/- trainee	1200
(vii) Stationery such as Scribbling pad, folder, writing pens, pencils etc., Rs.30/- each	360
(viii) Prizes of LT course trainees (I & II)	80
(ix) Transportation	360
(x) Sundries 5%	537
TOTAL	11269
CJ (2) FOR 11 KV CABLE JOINTING COURSE	Rs.
(i) PVC & PILC and aluminium cable and CPE cable scarp and other consumables required for 11 KV CABLE JOINTING COURSE	6056
(ii) Miscellaneous and sundry consumables	4432
(iii) Honorarium for 9 Nos. Guest lectures for the one L.T. course batch at the rate of Rs.450/- per session of 1 1/2 hrs.	4050
(iv) Hire charges for engaging VCD player & monitor	600
(v) Snacks charges for 8 trainees for 23 days + 4 Nos. faculty members at the rate of Rs.15/- each	4140
(vi) Course Material for 8 trainees at the rate of Rs.100/- trainee	800
(vii) Stationery such as Scribbling pad, folder, writing pens, pencils etc., Rs.30/- each	240
(viii) Prizes of 11 KV Cable jointing course (I & II)	80
(ix) Transportation	1200
(x) Sundries 5%	1080
TOTAL	22678
CJ (3) FOR 33 KV CABLE JOINTING COURSE	Rs.
(i) PVC & PILC and aluminium cable and CPE cable scarp and other consumables required for 33 KV CABLE JOINTING COURSE	9460
(ii) Miscellaneous and sundry consumables	7689
(iii) Honorarium for 13 Nos. Guest lectures for the one H.T. course batch at the rate of Rs.450/- per session of 1 1/2 hrs.	5850
(iv) Hire charges for engaging VCD player & monitor	400
(v) Snacks charges for 6 trainees for 37 days + 4 Nos. faculty members at the rate of Rs.15/- each	5550
(vi) Course Material for 6 trainees at the rate of Rs.100/- trainee	600
(vii) Stationery such as Scribbling pad, folder, writing pens, pencils etc., Rs.30/- each	180
(viii) Prizes of 11 KV Cable jointing course (I & II)	80
(ix) Transportation	600
(x) Sundries 5%	1520
TOTAL	31929
CJ (4) FOR LATEST TECHNIQUE COURSE	Rs.
(i) PVC & PILC and aluminium cable and CPE cable scarp and other consumables required	1143
(ii) Miscellaneous and sundry consumables	630
(iii) Honorarium for 11 Nos. Guest lectures for the latest technique course at the rate of Rs.450/- per session of 1 1/2 hrs.	4950

	Rs.
(iv) Jointer charges for demonstration at the rate of Rs.200/- per session of 1 1/2 hrs. duration	2200
(v) Hire charges for engaging VCD player & monitor	200
(vi) Snacks charges for 15 trainees + 4 Nos. Faculty members + 1 No. guest lecturer + 1 No. jointer for 3 days at the rate of Rs.15/- per head per day	945
(vii) Working lunch for 15 trainees and 4 faculty members, 1 guest lecturer & 1 No. jointer @ Rs.40/- each per day	2520
(viii) Course Material for 15 trainees at the rate of Rs.100/- trainee	1500
(ix) Stationery such as Scribbling pad, folder, writing pens, pencils etc., Rs.30/- each	450
(x) Transportation	240
(xi) Sundries 5%	739
TOTAL	15517

CJ (5) FOR REFRESHER COURSE	Rs.
(i) PVC & PILC and aluminium cable and CPE cable scarp and other consumables required	1162
(ii) Miscellaneous and sundry consumables	616
(iii) Honorarium for 10 Nos. Guest lectures for the one Refresher course batch at the rate of Rs.450/- per session of 1 1/2 hrs.	4500
(iv) Jointer charges for demonstration at the rate of Rs.200/- per session of 1 1/2 hrs. duration	2000
(v) Hire charges for engaging VCD player & monitor	200
(vi) Snacks charges for 15 trainees + 4 Nos. faculty members + 1 No. guest lecturer + 1 No. jointer at the rate of Rs.15/- per head per day	945
(vii) Working lunch for 15 trainees and 4 faculty members, 1 guest lecturer & 1 No. jointer @ Rs.40/- each per day	2520
(viii) Course Material for 15 trainees at the rate of Rs.100/- trainee	1500
(ix) Stationery such as Scribbling pad, folder, writing pens, pencils etc., Rs.30/- each	450
(x) Transportation	240
(xi) Sundries 5%	707
TOTAL	14840

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Circular Memo.No.CFC/GI/DFC/T/AAO/T/D.28/283/02, (Accounts Branch), dated 5.4.2002.

Sub: Amendment to Sales Tax Acts - Certain concession to TNEB - Regarding.

Ref: 1) G.O.Ms.No.31, Commercial Taxes (B2), dt. 27th March, 2002.
(No.II (1)/CT/19 (b-10)/2002).

2) G.O.Ms.No.31, Commercial Taxes (B2), dt. 27th March, 2002.
(No.II (1)/CT/19 (b-12)/2002).

In the reference 1st cited, the Govt. of Tamil Nadu have reduced rates of tax payable by any dealer to 4% with effect from 1.4.2002 on the sale of any goods except Petrol, Diesel and Cement to Tamil Nadu Electricity Board for use in Generation, Transmission and Distribution of Electrical Energy subject to conditions that the dealer obtains and furnishes a Certificate as per format given below:-

CERTIFICATE

To
(Name and address of the Selling Dealer)

.....
.....

TNGST No.

It is hereby certified that the goods listed below are purchased by us for use in generation, transmission and distribution of electrical energy.

Sl. No.	Invoice No./ Date	Description of Goods	Qty.	Value (Rs.)
Total				-----

(Rupees

only)

Place :

Date :

(Signature)

Name :

Status :

Seal of Office :

In the reference 2nd cited, Govt. of Tamil Nadu have reduced the rate of tax to 4% with effect from 1.4.2002 in respect of tax payable by any dealer on the sale of any goods for use in the execution of turnkey projects by contractors who have entered into agreement with Tamil Nadu Electricity Board subject to conditions that the dealers produce before the assessing authorities a certificate as per format given below:-

CERTIFICATE

Name and address of the Purchaser :

Registration Number under TNGST Act :

To

.....
(Name and Address of the Seller)

Certified that the goods the particulars whereof have been specified in the Annexure below have been/intended to be utilised in the execution of turnkey project entered into with TNEB as per details given in the Annexure.

2. Certified further that I am a registered dealer under the Tamil Nadu General Sales Tax Act, 1959 in the Office of the Commercial Tax Officer/Deputy Commercial Tax Officer and filing monthly returns in Form A1 including the turnover involved in the said contract.

ANNEXURE

- 1) My/Our Purchase Order No. dated
- 2) Your bill/cash memo./challan No. dated for Rs.
- 3) Description of goods.
- 4) Quantity of goods.
- 5) Name and address of the awarder or turnkey project.
- 6) Nature of turnkey project.
- 7) Total Value of contract.

VERIFICATION

The above statements are true to the best of my knowledge and belief and nothing has been concealed therefrom.

Signature with date.

Name of the person signing the Certificate.

Status of the person signing the
Certification in relation to the purchaser.

Certificate by the Awarder

Certified that the goods mentioned above are intended for the execution of works contract as per our order No. and date given in favour of (here enter name and status of the dealer).

Signature and Status of the
person signing the certificate.

All the P.O. placing authorities are instructed that the above reduced rate of Sales Tax may be taken into account while preparing specifications, evaluations and placement of orders without fail.

(By Order of the Chairman)

S. Kathiresan,
Chief Financial Controller/General.

* * *

Allowances - Office Helper Surrender Allowance Scheme for Surrender of Residential Office Helper - Continuance beyond 31.3.2002 - Orders - Issued.

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

(Secretariat Branch)

Dated 12th April, 2002,
Panguni 29, Vishu Aandu,
Thiruvalluvar Aandu 2033.

Read:

(Per) B.P. (Ch), No.129, (SB), dated 7.5.2001.

Proceedings:-

It is hereby ordered that the payment of Cash Allowance for surrendering of Office Helper under the scheme of Surrender of Residential Office Helper(s) be extended for a further period upto 31.3.2003.

2. Receipt of these Proceedings should be acknowledged.

(By Order of the Chairman)

G. Gnanaselvam,
Secretary.

* * *

Letter No.117885/A19/A192/2001-1, (Secretariat Branch), dated 12.4.2002.

Sub: Pension - Tamil Nadu Pension Rules 1978 - Amendment to Rule 74 & 75 of
Tamil Nadu Pension Rules - Orders of Government - Communicated.

- Ref: 1. (Per.) B.P. (FB) No.7, (SB), dated 17.2.1995.
2. G.O. Ms. No.411, Finance (Pension) Department, dated 15.10.2001.

The Regulation 9 of Tamil Nadu Electricity Board Liberalised Pension Regulation 1960 has been amended in the reference first cited so as to apply the provisions in Tamil Nadu Pension Rules, 1978 to Board's pensioners as amended from time to time by the Government of Tamil Nadu. I am to communicate a copy of G.O.Ms.No.411, Finance (Pension) Department, dated 15.10.2001 for guidance and incorporation in the Tamil Nadu Pension Rules, 1978.

Encl.:

G. Gnanaselvam,
Secretary.

Encl.:

Copy of:

GOVERNMENT OF TAMIL NADU
FINANCE (PENSION) DEPARTMENT
G.O.MS. NO.411, Dated 15th October, 2001
(Vishu, Purattasi 29, Thiruvalluvar Aandu 2032)

Pension - Tamil Nadu Pension Rules, 1978 - Amendment to rules 74 and 75 - Orders - Issued.

Read:

G.O.Ms.No.1148, Finance (Pension) Department, dated 17.11.1976.

ORDER:

The following Notification will be published in the Tamil Nadu Government Gazette:-

NOTIFICATION

In exercise of the powers conferred by the proviso to Article 309 of the Constitution of India, the Governor of Tamil Nadu hereby makes the following amendments to the Tamil Nadu Pension Rules, 1978.

2. The amendments hereby made shall be deemed to have come into force on the 1st January, 1979.

AMENDMENTS

In the said Rules,-

- (1) in rule 74, for sub-rule (9), the following sub-rule shall be substituted,
" (9) The payment of provisional family pension shall continue till final family pension is authorised by the Audit Officer provided there is a clear title as regards legal heirs".
- (2) in rule 75, in sub-rule (I), in the proviso, for the expression, "for such period as may be specified by the Audit Officer", the expression "till final family pension is authorised by the Audit Officer" shall be substituted.

(By Order of the Governor)

P. Ganapathiappan,
Deputy Secretary to Government.

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* * *

Electricity - T.T.P.S. - Central Stores - 'D' Section - Theft of materials on 27.9.85 and 2.10.85 - Write off the cost of materials lost in theft - Ordered.

Routine B.P. (Ch.) No.6

(Accounts Branch)

Dated 19.4.2002,
Chithirai 29, Chithrabanu Aandu,
Thiruvalluvar Aandu 2033.

Read:

1. Lr.No.CE/TTPS/AAO/SPS/A3/F.Theft/D.1444/88, dated 27.10.88.
 2. Lr.No.SE/P&A/TTPS/SPS/A3/F.Theft/D.531/95, dated 22.8.95.
 3. D.O.Lr.No.47/DFC/AAO/SPS/A1/99-2, dated 25.4.2000.
 4. Lr.No.SE/P&A/TTPS/TTN/DFC/AAO/SS/SPS.I/A.5/PR.65/2002, dated 8.3.2002.
-

Proceedings:-

The following materials were lost in theft at 'D' Section of Tuticorin Thermal Power Station Central Stores.

Sl. No.	Date of Theft	Description of materials	Qty.	Value
1.	27.9.85	250NB Aligning for Ash slurry system	7 Nos.	560/-
2.	2.10.85	-do-	2 Nos.	160/-
3.	29.9.85 to 4.10.85	Slurry sump liner CL for Ash handling system	55 Nos.	30,800/-
				----- 31,520/-

Complaints were lodged with Muthiahpuram Police Station/Tuticorin and FIR Registered. After investigation the Police authorities had reported that the theft was "undetectable". The Police Authorities have also reported that there was no lapse of neglect on the part of the Security employed at site as per investigation.

A penalty of Rs.5,000/- was imposed and recovered from the Security Agencies and no more amount other than Rs.5,000/- could be recovered from the Security Agencies.

The Chief Engineer/T.T.P.S. has therefore proposed that the loss on account of the Theft may be written-off.

Under these circumstances, the proposal of the Chief Engineer/T.T.P.S. to write off Rs.26,520/- (Rupees Twenty Six Thousand five hundred and twenty only) being the balance cost of Stores (31520-5000) lost in theft as detailed above is approved.

The cost of materials lost in theft may be debited to A/c. No.79:882 loss to stock on account of flood, cyclone, fire etc.

(By Order of the Chairman)

S. Kathiresan,
Chief Financial Controller/General.

* * *

(Permanent) Memorandum No.13239/A18/A182/2002-2, (Secretariat Branch), dated 22.4.2002.

Sub: Leave Travel Concession - Travel by Train - Verification of Tickets -
Further Instructions - Issued.

Ref: (i) Board's Memo.No.60648/P3/94-1, dated 19.5.95.
(ii) From the CIAO U.O.Note No.29646/1352/F3/F33/2001-1, dated 1.2.2002.

The concurrent Audit Party while reviewing the Leave Travel Concession bills has observed that about 14-150 employees travelled by First Class to Kanyakumari in one day in Kanyakumari Express as against the availability of 16 First Class seats.

2. In order to find out the bogus claims, it is hereby instructed that as and when the Leave Travel Concession claims are pointed out by the Chief Internal Audit Officer should be referred to the Railway Authorities for verification and the report obtained from Railways should be transmitted to the Chief Internal Audit Officer, apart from taking appropriate action on the report.

3. Receipt of this Memorandum shall be acknowledged.

G. Gnanaselvam,
Secretary.

Memorandum (Per.) No.35067/A22/A221/2002-1, (Secretariat Branch), dated 23.4.2002.

Sub: Establishment - Payment of Telephone Bills of TNEB Guest House, New Delhi under Imprest amount - Orders - Issued.

Ref: 1) (Per.) B.P. (Ch.) No.304, (SB), dated 18.12.2001.
2) From Resident Manager/New Delhi Letter No.RM/ND/F.14/F.Tel/D7/02, dated 8.4.2002.

The Resident Manager/Tamil Nadu Electricity Board Guest House, New Delhi is permitted to pay the Telephone bills of the Guest House and the Resident Manager from out of the Imprest amount sanctioned in the B.P. cited, as a special case, since the present practice of sanctioning the amount at Headquarters causes delay in the settlement of bills.

(By Order of the Chairman)

G. Gnanaselvam,
Secretary.

* * *

Establishment - Tamil Nadu Electricity Board - Imprest amount payable to Board's Standing Counsel - Revision - Orders - Issued.

(Per.) B.P. (Ch.) No.93

(Secretariat Branch)

Dated 27.4.2002,
Chithirai 14, Chithrabanu Aandu,
Thiruvalluvar Aandu 2033.

Read:

(Per.) B.P. (FB) No.78, (SB), dated 7.12.99.

Proceedings:-

In (Per.) B.P. (FB) No.78, (SB), dt. 7.12.99 while prescribing the fee structure to the Board's Standing Counsel, orders have also been issued sanctioning the imprest amount as indicated below:

- | | | | |
|-------|---|---|-------------|
| (i) | Counsel dealing with Writ Petitions, Writ Appeals, relating to Electricity (Supply) Act, 1948 and Indian Electricity Act, 1910. | : | Rs. 2,000/- |
| (ii) | Counsel, incharge of service matters including Writs arising out of Labour Courts, matters in Labour Courts at Chennai. | : | Rs. 1,000/- |
| (iii) | Counsel, attending to original side Civil Suits in High Court, First Appeal, Second Appeal, Civil Revision, Criminal Revisions cases and Civil Miscellaneous Appeals. | : | Rs. 1,000/- |
| (iv) | Counsel, attending to City Civil Court, Motor Accident Claims, Tribunal Rent Control cases and small cause Court cases. | : | Rs. 500/- |
| (v) | Counsel, in charge of Consumer Forum cases, State Consumer Disputes Redressal Commission cases, Central Excise cases at Chennai. | : | Rs. 500/- |

2. Consequent on the appointment of new Board's Standing Counsel ordered in (Per.) B.P. (FB) No.22, (SB), dt. 18.3.2002 and taking into account revision of fees by Registry of High Court for obtaining copies of Court Orders, it has been decided to enhance the imprest amount to the Board's Standing Counsel. Accordingly, it is hereby ordered that the Board's Standing Counsel be paid imprest amount as

indicated below with effect from 1.5.2002:-

- | | | | |
|----|---|---|---|
| 1) | Counsel dealing with W.Ps. & W.As. in the High Court relating to Elec. Supply. (Thiru G. Vasudevan and Thiru N. Srinivasan) | : | Rs. 2,000/-
(Rupees two thousand only)
for each Counsel.
2 x 2000 = 4000 |
| 2) | Counsel dealing with Civil Suits, Original side Appeals, First Appeals, Second Appeals, etc. before the High Court. (Thiru S. Rajeswaran) | : | Rs. 2,000/-
(Rupees two thousand only) |
| 3) | Counsel dealing with W.Ps. & W.As. relating to employees service matters before the High Court. (Thiru V. Radhakrishnan) | : | Rs. 2,000/-
(Rupees two thousand only) |

3. It is also ordered that in respect of other Board's Standing Counsel dealing with the following subjects, the earlier rate of Rs.500/- ordered in (Per.) B.P. (FB) No.78, (SB), dt. 7.12.99 shall be continued:-

- | | | | |
|----|---|---|-----------|
| 4) | Counsel dealing with Labour Court cases in Chennai Regions; Industrial Tribunal cases, Debt Recovery Tribunal cases and Central Excise matter. (Thiru M.K. Jayakaran) | : | Rs. 500/- |
| 5) | Counsel relating to Consumer Protection Act in the District Consumer Disputes Redressal Form, Chennai and cases before the State Consumer Dispute Redressal Commission, Chennai. (Thiru S. Inbadurai) | : | Rs. 500/- |
| 6) | Counsel relating to the City Civil Court, Chennai, Small Causes Court and Rent Control cases, MACTOPs. (Thiru S. Senthilnathan) | : | Rs. 500/- |

(By Order of the Chairman)

G. Gnanaselvam,
Secretary.

* * *

Electricity - Review of adequacy of Current Consumption Deposit in respect of L.T.C.T. services - Regarding.

(Per.) B.P. (FB.) No.8

(Accounts Branch)

Dated 30.4.2002,
Chithirai 17, Chithrabanu Aandu,
Thiruvalluvar Aandu 2033.

Read:

Item 32 of the Minutes of the 854th Board meeting held on 15.4.2002.

Proceedings:-

As per Clause 15.06 of the Terms and Conditions of Supply of Electricity, the review of adequacy of current consumption deposit in respect of L.T. Industrial services (L.T. Tariff IIIb) including L.T.C.T. Services is to be made once in a year during the month of April/May, taking into account preceding 12 months average current consumption charges, and to keep three times of this average or the initial minimum current consumption deposit of Rs.300/- per H.P. in respect of consumers availed service connection prior to 1.11.99, and Rs.800/- per H.P. in respect of consumers availed /availing service connection after 1.11.99, whichever is higher as current consumption deposit.

2. In respect of L.T.C.T. services, previously Bimonthly billing and collection was followed. Now, the Board has switched over to monthly billing. Consequently, many L.T.C.T. consumers are representing to reduce the deposit from the present level of covering three months current consumption charges to a lower level.

3. A proposal has been placed before the Board in its 854th Meeting and the Board has approved the proposal and accordingly the following instructions are issued.

- i. The review of adequacy of current consumption deposit for L.T.C.T. Industrial services (L.T.Tariff III - b) where monthly billing and collection is followed may be made taking into account preceding 12 months average current consumption charges prior to the period of review (i.e. April) and to keep two times of this average subject to the minimum current consumption deposit of Rs.300/- per H.P. for the consumers who availed supply prior to 1.11.99 or Rs.800/- per H.P. for the consumers who availed supply after 1.11.99 (by payment of revised initial minimum current consumption deposit of Rs.800/- per HP).
 - ii. For other L.T.C.T. services (i.e., other than L.T. Industrial CT services) where monthly billing and collection is followed, the review of adequacy of current consumption deposit may be made taking into account preceding 12 months average current consumption charges prior to the period of review (i.e. April) and to keep two times of this average or the initial minimum current consumption deposit to be held whichever is higher i.e. L.T.C.T. services covered under Tariff Category other than LT IIIB).
 - iii. The review of adequacy of current consumption deposit for all L.T.C.T. services is to be done once in a year during the month of April/May.
4. Necessary amendment to Terms and conditions of supply incorporating the above provisions will be issued separately by Superintending Engineer (Commercial).

(By Order of the Board)

S. Nagalsamy,
Accounts Member.

TECHNICAL

PART - IV Technical

கு.ஆ. எண்.மே.பொ./வணிகம்/செ.பொ.(வீ)/உ.செ.பொ.1/கோ.தி.கோ/எண்.12863-1, (தொழில் நுட்பக் கிளை), நாள் 1.4.2002.

பொருள்: இலவச மின்சாரம் - நலிவடைந்த 1000 திருக்கோயில்களுக்கு இலவச மின்சாரம் வழங்குவது - இரண்டாம் கட்டம் - தொடர்பாக.

பார்வை: 1. அரசாணை (நிலை) எண்.53, நாள் 22.3.2002.
2. அரசாணை (நிலை) எண்.103, எரிசக்தித் துறை, நாள் 6.7.2000.

தமிழ் நாடு அரசு இரண்டாம் கட்டமாக நலிவடைந்த மேலும் 1000 திருக்கோயில்களுக்கு இலவச மின்சாரம் வழங்கும் திட்டத்தை பார்வை (1)-ல் கண்ட அரசாணையின் மூலம் அனுமதி அளித்துள்ளது.

மேற்கண்ட அரசாணையின் நகல் மேற்கொண்டு நடவடிக்கைக்காக இத்துடன் இணைத்து அனுப்பப்படுகின்றது.

அறநிலையத் துறையிடமிருந்து மேற்கண்ட 1000 திருக்கோயில்களின் பட்டியல் மற்றும் அவைகளுக்கான மின் கட்டணத் தொகையும் கிடைக்கப்பெற்றவுடன் அதன் விபரம் பின்னர் தனியாக தெரிவிக்கப்படும்.

இணைப்பு: அரசாணை (நிலை) எண். 53,
நாள் 22.3.2002-ன் நகல்.

அ. பாலசுப்பிரமணியன்,
உறுப்பினர் (பகிர்மானம்).

தமிழ் நாடு அரசு
சுருக்கம்

இந்து சமய அறநிலையத் துறை - இலவச மின்சாரம் - நலிவடைந்த திருக்கோயில்களுக்கு இலவச மின்சாரம் வழங்குவது - ஆலய மேம்பாட்டு நிதியிலிருந்து மின் வைப்புத் தொகை செலுத்த ஆணையருக்கு அனுமதி - ஆணை வெளியிடப்படுகிறது.

அரசாணை (நிலை) எண்.53 (தமிழ் வளர்ச்சி - பண்பாடு மற்றும் அறநிலையத் துறை) நாள் 22.3.2002.

படிக்கப்பட்டது:

1. அரசு கடிதம் எண்.13504/அநி1-1/2001-1, தமிழ் வளர்ச்சி-பண்பாடு மற்றும் அறநிலையத் துறை, நாள் 30.8.2001.
2. இந்து சமய அறநிலைய ஆட்சித் துறை சிறப்பு ஆணையர் மற்றும் ஆணையர் கடிதம் ந.க.எண்.81535/2000/இ4, நாள் 15.11.2001.
3. தமிழ் நாடு பின்சார வாரியத்திற்கு முகவரியிட்ட அரசு நேர்முக கடித எண். 13733/அநி1-2/2001-3, தமிழ் வளர்ச்சி-பண்பாடு மற்றும் அறநிலையத் துறை நாள் 7.12.2001.
4. தமிழ் நாடு மின்சார வாரியத் தலைவர், நேர்முக கடித எண்.மே.பொ./வணிகம்/செ.பொ.(வீ)/உ.செ.பொ.(1)/கோ.எண்.12863/2002, நாள் 22.2.2002.

ஆணை:

2001-2002 ஆம் ஆண்டு இந்து சமய அறநிலையத் துறையின் மானியக் கோரிக்கை குறித்த விவாதத்தின்போது சட்டமன்றப் பேரவையில் மாண்புமிகு இந்து சமயம் மற்றும் அறநிலையத் துறை அமைச்சர் கீழ்க்கண்ட அறிவிப்பினை செய்தார்கள்:

'மின் இணைப்பு இல்லாது உள்ள 1000 திருக்கோயில்களுக்கு இவ்வாண்டு மின் இணைப்பு இலவசமாக வழங்க நடவடிக்கை எடுக்கப்படும்'.

மேற்கண்ட அறிவிப்பினை செயல்படுத்துவதற்கு உரிய செயற்குறிப்பினை அனுப்புமாறு பார்வை ஒன்றில் படிக்கப்பட்ட அரசு கடிதத்தில் இந்து சமய அறநிலைய ஆட்சித் துறை சிறப்பு ஆணையர் மற்றும் ஆணையர் கேட்டுக்கொள்ளப்பட்டார்.

2. பார்வை இரண்டில் படிக்கப்பட்ட தனது கடிதத்தில், இந்து சமய அறநிலைய ஆட்சித் துறை சிறப்பு ஆணையர் மற்றும் ஆணையர் தகுதிவாய்ந்த 1000 திருக்கோயில்களின் பட்டியல் தயார் செய்யப்பட்டுள்ளது என்றும் இலவச மின்சாரம் வழங்கும் திட்டத்தின் கீழ் பட்டியலில் உள்ள 1000

திருக்கோயில்களுக்கு மின் இணைப்பு பெற தமிழ் நாடு மின்சார வாரியத்திற்கு செலுத்த வேண்டிய மின் வைப்புத் தொகை ரூ.12.00 இலட்சம் (ரூபாய் பன்னிரண்டு லட்சம் மட்டும்) ஆலய மேம்பாட்டு நிதியிலிருந்து பயன்படுத்திக்கொள்ள அனுமதி வழங்கும்படி கேட்டுக்கொண்டார்.

3. பார்வையில் மூன்றாவதாக படிக்கப்பட்ட கடிதத்தில், தமிழ் நாடு மின்சார வாரியத் தலைவர், தற்போது நிலவும் மோசமான வாரிய நிதிநிலை காரணமாக இந்த ஆண்டு 1000 திருக்கோயில்களுக்கு இலவச மின்சாரம் வழங்குவது என்பது வாரியத்திற்கு கூடுதல் பளுவை ஏற்படுத்தும் என்றும் எனவே மின் வாரிய நிதிநிலையினைக் கருத்திற்கொண்டு தற்பொழுது தொடங்க வேண்டாம் என கேட்டுக்கொண்டார்.

4. மேலே பத்தி 3-ல் உள்ள மின் வாரியத் தலைவரின் கருத்து அரசால் பரிசீலிக்கப்பட்டது. மாநிலத்தில் விளக்கு இல்லாத திருக்கோயில் ஏதுமில்லை என்ற நிலையை ஏற்படுத்த அரசு உறுதிக்கொண்டுள்ள நிலையிலும், 1000 திருக்கோயில்களுக்கு இலவச மின் இணைப்பால் ஏற்படக்கூடிய செலவினம் சொற்பமாகவே இருக்கும் என்பதாலும், பத்தி 1-ல் கூறப்பட்ட இலவச மின் இணைப்புத் திட்டத்தினை செயல்படுத்த, 1000 நலிவடைந்த திருக்கோயில்களுக்கு, ஏற்கெனவே சென்ற ஆண்டு அறிவித்த வரையறைகளுக்குட்பட்டு இலவச மின் இணைப்பு வழங்கலாம் என்று அரசு முடிவு செய்து அவ்வாறே ஆணையிடப்படுகிறது.

5. 1000 திருக்கோயில்களுக்கு இலவச மின்சாரம் வழங்க மின்சார வாரியத்திற்கு செலுத்த வேண்டிய மின் வைப்புத் தொகை ரூ.12.00 இலட்சம் (ரூபாய் பன்னிரண்டு லட்சம் மட்டும்) ஆலய மேம்பாட்டு நிதியிலிருந்து பயன்படுத்திக் கொள்ள இந்து சமய அறநிலைய ஆட்சித் துறை ஆணையருக்கு அரசு அனுமதி வழங்குகிறது. மேற்குறிப்பிட்ட திருக்கோயில்களின் பட்டியலை உடன் மின்சார வாரியத்திற்கு அனுப்பி அனைத்து கோயில்களுக்கு மின் இணைப்பு பெற நடவடிக்கை எடுக்குமாறும் அறிவுறுத்தப்படுகிறது.

6. மேற்கண்ட 1000 திருக்கோயில்களின் பட்டியலை உடன் பெற்று அத்திருக்கோயில்களுக்கு இலவச மின்சார இணைப்பினை உடனடியாக வழங்கும்படி தமிழ் நாடு மின்சார வாரியத் தலைவருக்கு அரசு அறிவுரை வழங்குகிறது.

7. இவ்வாணை எரிசக்தித் துறை மற்றும் நிதித் துறையின் முறையே அ.சா.எண்.2761/சி3/2002-1, நாள் 22.3.2002 மற்றும் அ.சா.எண்.1066/நி.செ./ப்பி/2002, நாள் 22.3.2002 ஆகியவற்றில் அளித்த இசைவுடன் வெளியிடப்படுகிறது.

(ஆளுநரின் ஆணைப்படி)

பு.ஏ. இராமையா,
அரசுச் செயலாளர்.

/ உண்மை நகல் /

Tamil Nadu Electricity Board - Procurement of 1 No. all-in-one printer/scanner/copier for use at Computer Centre - Orders - Issued.

(Permanent) B.P. (Ch.) No.78

(Technical Branch)

Dated 1.4.2002,
Panguni 18, Vishu Aandu,
Thiruvalluvar Aandu 2033.

Proceedings:-

Approval was sought for procuring 1 No. printer/scanner/copier for the use of Computer Centre at a cost of 48,000/-.

2. The Tamil Nadu Electricity Board, after careful consideration, accords approval for procurement of 1 No. printer/scanner/copier for the use of Computer Centre at a cost of Rs.48,000/- (Rupees Forty Eight Thousand only).

3. The expenditure is debitable to Tamil Nadu Electricity Board, Capital Expenditure, Account code No.14909.

(By Order of the Chairman)

C. Gopalsamy,
Chief Engineer/Commercial.

Sub: Electricity - Effecting new service connection in respect of L.T. services -
Issue of Instructions.

Ref: (Permanent) B.P. (Ch.) No.5, Accounts Branch, dated 5.4.2002.

In the B.P. cited it has been ordered that the signature of Licensed Wiring Contractor shall be obtained in the Application Form prescribed for Low Tension Service Connection and in the Original Test Reports.

2. In this connection, the following instructions are issued:

- i) The application Form (copy enclosed) may be made available free of cost from all our offices and through Internet. A specimen form shall be exhibited in the Notice Board of the field offices. The xerox copy of the application form may also be accepted.
- ii) The application shall be accepted either in person or by post. The applicants may also be permitted to drop the applications in the Box provided for that purpose, even after office hours.
- iii) An official should invariably be present in the Section Office during working hours to receive the application.
- iv) The intermediaries and Brokers should be discouraged to visit offices of T.N.E.B.
- v) For mere service connection, the existing standard rates may be given wide publicity. Applications can be submitted along with Demand Draft. Any excess or shortfall in the amount may be adjusted/collected in the ensuing current consumption bills.

Encl: Form.

K. Gnanadesikan,
Chairman.

FORM-I

TAMIL NADU ELECTRICITY BOARD

**FORM OF REQUISITION FOR SUPPLY OF LOW TENSION ENERGY
(Except Agriculture and Huts)**

Applicant's Name :
Father/Husband Name :
Address :

For Office Use

Tariff No.
Reg. Fees:
Receipt No.
& Date

To
The Assistant Engineer/
Junior Engineer
T..N.E.B.

Regn. No.

Mere Service/
Extension

Regn. Date

.....(Section Office)

Sir/Madam,

1. I request you to supply electrical energy to the premises hereinafter described.

2. I agree to pay the tariff as notified from time to time for the energy supplied through the service connection and other dues including the current consumption and additional current consumption deposit as may be demanded and revised by the Board from time to time.

3. I will avail supply under (Domestic/Pub. lighting & Water Supply/ Recog. Edu. Instns., etc./actual places of public worship/Cottage & Tiny Industries/Industries/Information Technology Industries/Commercial).

4. I agree to take supply for more than two years and utilise the energy in the premises described hereunder.

5. In case, I sell or otherwise dispose of the property/vacate the premises while the supply is continued in my name, I agree to give one calendar month/seven days notice in writing and pay all the arrears to the Board. Failing such notice, I hold myself responsible for all the charges payable in the service including energy consumed in the premises even after my vacation or dispossession.

6. Description of premises:

Door No.
Street
Town/Village Taluk
Owned by (name in Block letters)
Tenanted by (Name in Block letters)

7. The following are my requirement:

Lighting number & Wattage	Total:	Points/Wattage
Lights		
Fans		
Domestic electrical appliance		
Cookers		
Water heaters		
Refrigeration		
Other purpose		
Wall plugs	5 amps	
-do-	15 amps	

Motors:

Industrial
Pumps
Other purposes

8. I declare that am the legal owner or lawful occupier of the above said premises.

9. I declare that there is no disconnected service in my building and no court case is pending and no objection for the building to get service connection and that the meter board is placed at a convenient height to take meter reading.

10. (A) For mere service connection from overhead lines only:

I declare that

- i. my building is within 36.56 metres (120 feet) from nearest TNEB Pole.
- ii. the vertical clearance of the service connection wire is well within the clearance from the ground as per Indian Electricity Act and rules framed thereunder. (The clearance as of now is).
- iii. service connection wire is with enough way leave or I am enclosing no objection letter from the concerned, if it crosses the other's concerned Building/Land.
- iv. No L.T./H.T./E.H.T. line crosses in any way over my building.

(B) For service connection involving extension, I agree to pay the difference in estimate charges.

(C) I hereby undertake to provide space as per Board requirement in our premises if the total floor area is 900 sq.mts. and above for erection of Board equipments.

11. I/We, undertake and certify that all the particulars and information furnished above are true, correct, complete and upto-date in all respects to the best of my knowledge and also undertake to indemnify the Tamil Nadu Electricity Board against any loss caused to it as a result of effecting electric supply to the said premises on the strength of such particulars and information. I further agree that in case any of the particulars or information furnished above is found to be false at the time of effecting service connection or at a later date, the electric supply to the said premises will be refused/disconnected without any notice to me in addition to launching of civil and criminal proceedings against me/us and that appropriate damages as fixed by the Tamil Nadu Electricity Board from time to time may also be claimed from me/us.

12. I also undertake that I will not tamper with the meter or seal and I will not use electricity for purposes other than the purpose for which it was obtained.

13. The wiring has been completed by Thiru
approved wiring contractor E.B.No.

If any theft of energy or violation is noticed in the service connection, I am aware that I am liable for any criminal proceedings, penal levy as decided by Board from time to time in addition to disconnection of service.

Date :

Signature of applicants.

I certify that the wiring has been carried out and completed by me in all respects according to the rules and specification as provided in the Indian Electricity Rules 1956. I am bound to be penalised if my above certificate is proved false.

Approved Wiring Contractor
(Signature with seal and address)

Date: EB No.

NOTE:

PRECAUTIONS TO BE ADOPTED BY CONSUMERS, OWNERS, ELECTRICAL CONTRACTORS, ELECTRICAL WORKMEN, LICENSEES AND OTHER SUPPLIERS OF ENERGY

No electrical installation work, including additions, alterations, repairs and adjustments to existing installations except such as replacement of lamps, fans, fuses, switches and other component parts of the installations as in no way alter its capacity or character shall be carried out upon the premises or on behalf of any consumer or owner for the purpose of the supply of energy to such consumer or owner, except by an electrical contractor licensed by State Government. In this behalf and under the direct supervision of a person holding a certificate of competency issued by the State Government.

/ True Copy /

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Electricity - Simplification of procedure for effecting new service connection in respect of Low Tension services - Restoration of original Low Tension Application and Procedure - Orders issued.

(Per.) B.P. (Ch.) No.5

(Accounts Branch)

Dated 5.4.2002,
Panguni 22, Vishu Aandu,
Thiruvalluvar Aandu 2033.

Read:

(Permanent) B.P. (FB) No.25, Accounts Branch, dt. 31.10.2000.

Proceedings:-

The Honourable High Court, Madras, by an order dated 21.9.2001 made in W.P.Nos.19616 and 19618 of 2000 has set aside the orders issued in Permanent B.P. (FB) No.25, Accounts Branch, dated 31.10.2000 and directed the Tamil Nadu Electricity Board to follow the existing procedure of securing the certificate of approved Licensed wiring contractors in the Low Tension Service Connection Application Form and in the Original Test Report.

Accordingly, it is hereby ordered that certificate of approved Licensed wiring contractor shall be insisted and obtained in the Low Tension Applications and in Original Test Reports in respect of new Low Tension Service Connections.

K. Gnanadesikan,
Chairman.

* * *

Electricity - Disposal of Civil Cases pending in various Courts related to power theft by proposed 'Electricity Adalat' - Approved.

(Permanent) B.P. (F.B.) No.29

(Technical Branch)

Dated 5.4.2002,
Panguni 22, Vishu Aandu,
Thiruvalluvar Aandu 2033.

Read:

From the Member Secretary, Tamil Nadu State Legal Services Authority No.3821/
AC/2000, dated 10.10.2001 addressed to the Chairman, TNEB.

Proceedings:-

In the communication read above, the Member Secretary, Tamil Nadu State Legal Services Authority has informed that the Authority has proposed to hold Lok Adalat in respect of disputes relating to Electricity Act and requested the Chairman to extend Cooperation for referring cases for settlement in the proposed Lok Adalat. Pursuant to the said communication, the matter has been examined. It is considered that the Civil cases relating to theft of energy which are pending before the City Civil Court, Chennai may be tried by the proposed "Electricity Adalat", to start with, and that all Civil Cases pending before various Courts in Tamil Nadu including High Court, Madras, relating to power theft may be referred to the proposed "Electricity Adalat" after watching the success in respect of disposal of cases pending before the City Civil Court, Chennai.

Accordingly, after careful examination, the Board hereby approves the proposal to refer cases pending before the City Civil Court, Chennai, relating to power theft to the proposed "Electricity Adalat" for disposal and to refer other cases pending before various other Courts in Tamil Nadu including High Court, Madras, relating to power theft to the proposed "Electricity Adalat" as and when necessary.

Necessary executive instructions regarding the norms that may be adopted by the field officers in getting the disputes in the cases settled will be issued separately.

(By Order of the Board)

K. Gnanadesikan,
Chairman.

* * *

Electricity - Disposal of Civil Cases pending in various City Civil Court of Chennai related to power theft may be tried by Electricity Adalat - Executive instructions issued.

(Per.) B.P. (F.B.) No.30

(Technical Branch)

Dated 10.4.2002,
Panguni 27, Vishu Aandu,
Thiruvalluvar Aandu 2033.

Read:

1. Per. B.P. (F.B.) No.20, (Sectt. Br.), dt. 12.3.2002.
2. Per. B.P. (F.B.) No.29, (Techl. Br.), dt. 5.4.2002.
3. CE/APTS U.O.No.05628/B.12/AEE.11/2002, dt. 5.4.2002.

Proceedings:-

The proposal to refer cases relating to power theft to the proposed Electricity Adalat for disposal has been approved by Board and communicated vide BP under reference (2) cited.

In this regard the following executive instructions are issued for guidance of the field officers in settling such cases.

1. The field Engineers who appear in respect of theft cases coming up in the Electricity Adalat are to ensure that the interest of the Board are safeguarded during negotiation by adopting the following norms:-

- (a) The quantum of amounts to be collected in the case of past cases prior to 12.3.2002 should not fall below the rates provided in B.P.No.20, dt. 12.3.2002 as detailed below:-

	Category	Extra levy to be collected
(i)	Low Tension Service Connections (for energy)	Appropriate Low Tension Tariff rate x 2.
(ii)	High Tension Service Connections (for energy)	Highest High Tension Tariff rate x 2.
(iii)	High Tension Service Connections - Maximum Demand	Highest High Tension Tariff rate for Maximum Demand x 2.

- (b) The BPSC/interest accrued due to delayed payment may be waived in all such pending cases coming up before the Electricity Adalat.

2. Initially the Adalat will function in Chennai and deal with all cases pending before the City Civil Court of Chennai and depending on its successes it will be extended to other cases pending in other Civil Courts outside Chennai.

3. The following Chief Engineers and Superintending Engineers are connected with these cases.

1. Chief Engineer/Distribution/Chennai Region (North).
2. Chief Engineer/Distribution/Chennai Region (South).
3. Chief Engineer/Distribution/Villupuram Region.
4. Chief Engineer/Distribution/Madurai Region.
5. Chief Engineer/Distribution/Tirunelveli Region.
6. Superintending Engineer/Chennai Elecy. Distn. Circle/North.
7. Superintending Engineer/Chennai Elecy. Distn. Circle/South.
8. Superintending Engineer/Chengleput Elecy. Distn. Circle/Chengleput.
9. Superintending Engineer/Chennai Elecy. Distn. Circle/West.
10. Superintending Engineer/Chennai Elecy. Distn. Circle/Central.
11. Superintending Engineer/Villupuram Elecy. Distn. Circle.
12. Superintending Engineer/Tuticorin Elecy. Distn. Circle.
11. Superintending Engineer/Madurai Elecy. Distn. Circle.

4. The list of cases now proposed to be transferred to the Electricity Adalat is enclosed.

The action taken may be intimated.

(By Order of the Board)

A. Balasubramanian,
Member (Distribution).

Encl.: As above.

Amendment No.5:

Electricity - Payment of Current Consumption Charges by Cheque - Dishonour of Cheque - Restoration of Cheque facility to the consumers - Amendment to Clause 19.05 of Terms and Conditions of Supply of Electricity - Reg.

(Permanent) B.P. (F.B.) No.31

(Technical Branch)

Dated 11.4.2002,
Panguni 28, Vishu Aandu,
Thiruvalluvar Aandu 2033.

Read:

1. B.P. Ms. No.61, (Adm.Br.), dt. 24.12.88 and subsequent amendments.
2. Extract from the minutes of 852nd meeting of the Board held on 25.2.2002.
3. (Per.) B.P. (F.B.) No.5, (Accts. Br.), dt. 18.3.2002.

Proceedings:-

As per the existing provision in Clause 19.05 of the Terms and Conditions of Supply of Electricity, if cheque payment made by a consumer is dishonoured, he will be required to pay all future payments only by cash/demand draft. However, based on the consumers request and their performance in settling the bills for three months in respect of HT and three bimonthly periods in respect of LT, a one time permission can be accorded by Chief Financial Controller. This concession shall be given only one occasion for a service connection. When the cheque is dishonoured for the second time the payment by cheque will not be accepted thereafter.

2. Of late, some of the consumers are requesting for restoration of cheque facility again explaining the difficulties and hardship experienced by them for payment of HT/LT bills by cash or Demand Draft continuously.

3. In order to consider such requests for restoration of cheque payment facility for the second time, the Board in its 852nd meeting has approved the proposal for amending the Clause 19.05 of Terms and Conditions of Supply of Electricity.

4. After careful consideration of all the connected issues, the Board in exercise of the powers conferred by Section 49 of Electricity (Supply) Act 1948 (Central Act LIV of 1948), read with Section 79 (j) issues the following amendments to the para 4 of the Clause 19.05 of Terms and Conditions of Supply of Electricity notified in B.P. Ms. (F.B.) No.61, (Adm.Br.), dated 24.12.88 and amended upto 31.7.2001 and published in Part-VI Section 3 (b) of the Tamil Nadu Government Gazette No.46, dated 5.12.2002 and further amended subsequently.

5. This amendment will come into effect immediately.

Clause No. (1)	Existing (2)	Amended as (3)
Para 4 of Clause No. 19.05 of Terms and Conditions of Supply of Electricity.	The Chief Financial Controller shall have the powers to relax or modify the conditions for restoring the cheque facility for payment by the consumer after watching the performance of the consumers in regard to settlement of current consumption charges atleast for three consecutive bimonthly periods in respect of LT consumer and three months period in respect of HT consumers. However, this concession shall be given only one occasion for a service connection.	The Chief Financial Controller/Revenue shall have the power to accord approval for restoring the cheque facility for payment by the consumers after watching the performance of the consumers in regard to settlement of current consumption charges atleast for three consecutive bimonthly periods in respect of LT consumers and three months period in respect of HT/LT CT consumers on first occasion. For the second occasion, Accounts Member/TNEB is delegated with powers for restoration of cheque payment facility after watching the performance of the consumers in regard to settlement of current consumption charges atleast for three consecutive bimonthly periods

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(1)	(2)	(3)
		<p>in respect of LT consumers and three months period in respect of HT/LT CT consumers. Such consumers have to pay service charges for dishonoured cheque as per Terms and Conditions of supply in addition to the following penal charges on the second occasion for a service connection.</p> <p><u>LOW TENSION:</u></p> <p>Penal charges at 1% of current consumption charges [(i.e.) dishonoured cheque amount] subject to a minimum of Rs.500/- in respect of Low Tension services.</p> <p><u>HIGH TENSION:</u></p> <p>Penal charges at 1% of current consumption charges [(i.e.) dishonoured cheque amount] subject to a minimum of Rs.1000/- in respect of H.T. services.</p>

All other conditions in the above Clause remains unaltered.

S. Nagalsamy,
Accounts Member.

*** * ***

TNEB - Turnkey Jobs in TNEB - P&C aspects to be looked after by P&C Wing during commissioning phase - Inclusion of suitable clause in the contract.

(Permanent) B.P. (Ch.) No.98

(Technical Branch)

Dated 16th April, 2002,
Chithirai 3, Chitrabalu Aandu,
Thiruvalluvar Aandu 2033.

Read:

CE/P&C Note dt. 5.4.2002.

Proceedings:-

On examination of the incorrect unit tripping at Thirumoorthy Mini Hydro Station through Residual Earth Fault Protection, it was found that the neutral side CT ratio did not tally with that of phase side CTs.

The job was done on Turnkey basis. This shows that proper care had not been taken in testing and commissioning the protective equipments by the sub-contractor employed by the Turnkey job contractor.

Hence it is hereby instructed that in all future cases where a turnkey type of work is awarded it may be insisted through specific clauses that commissioning works of protective devices shall be done in the presence of the protection Engineers of the Board and that the contractor should follow the standard practice insisted by the protection Engineers of the Board and that they should get clearance from the protection Engineers of the Board before putting the protective equipment into service.

Relevant clause with an appropriate heading has to be incorporated in the agreement of Turnkey job so that the above points are taken care of.

(By Order of the Chairman)

C. Subramanian,
Chief Engineer/P&C/Chennai
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Electricity - Disposal of Civil cases pending in various Courts related to power theft to be dealt by "Electricity Adalat" - Permitting instalments - Orders issued.

(Per.) B.P. (Ch.) No.99

(Technical Branch)

Dated 16.4.2002,
Chithirai 3, Chitrabanu Aandu,
Thiruvalluvar Aandu 2033.

Read:

1. Per. B.P. (F.B.) No.20, (Sectt. Br.), dt. 12.3.2002.
2. Per. B.P. (F.B.) No.29, (Techl. Br.), dt. 5.4.2002.
3. Per. B.P. (F.B.) No.30, (Techl. Br.), dt. 10.4.2002.

Proceedings:-

Board has approved the proposal to refer all Civil cases relating to power theft to the proposed "Electricity Adalat" vide B.P. under reference (1) cited and necessary executive instructions have been issued for guidance of the field officers in settling such cases vide B.P. under reference (2) cited.

In this regard, it is further informed that if the consumers, during trial by "Electricity Adalat" represent for permission to pay the settled amount in instalments, payment in monthly instalments as per the second para of Sub-Clause 8.05 of Clause 37 Schedule Part-I of Terms and Conditions of Supply may be accepted.

(By Order of the Chairman)

C. Gopalsamy,
Chief Engineer/Commercial.

* * *

Office Order No.CE/PLG/EA/F.Technical/D.198/02, (Technical Branch), dated 16.4.2002 and corrections incorporated as per Lr.No.SE/PLG/EA/F.Tech./D.62/02, (T.B.), dt. 26.4.2002.

Sub: Manual on precommissioning and periodical testing of Electrical Installations - Chapter on Testing of Surge Arresters - Reg.

The guideline value given for health check on Gapless Surge Arresters in the manual on Precommissioning & Periodical Testing of Electrical Installations (page 297 under the caption Results & Analysis - Guideline value is given for Surge Arresters as 3 milli amps) needs revision.

It is noted that the existing guideline (3 milli amps) fails to reflect fully the healthy check procedure for Zinc Oxide (Gapless Surge Arresters). Hence the para listed below may be incorporated in place of the existing para.

" Results & Analysis ".

(1) Gapless Surge Arresters:

The leakage current values at MCOV or any other reference voltage as recommended by the supplier, should be measured periodically. The resistive component of the current thus determined should be compared with the reference value recorded at the time of commissioning and the trend analysis should be made for detecting the degradation on the arrester components.

The resistive component of the leakage current thus measured should not exceed the maximum level recommended by the supplier. Under worst conditions the maximum permissible current level is twice the reference value measured at the time of commissioning of the Arrester.

In the event facilities are not available for measuring the resistive component of the total leakage current after thorough cleaning of the stack, the total current should be measured and recorded. The current should be periodically determined and it should be compared with the reference value for abnormal variation. The maximum permissible leakage current at MCOV is twice the value recorded at the time of commissioning or the recommended value of manufacturers.

(1) Gapped Arresters:

"Limited leakage current at rated voltage - 2 milli amps (max)".

(By Order of the Member/Distribution)

V. Sankaranarayanan,
Chief Engineer/Planning (i/c).

* * *

Circular Memo.No.2469/SE/Comml./EE1/AEE1/F.APTS/D.No.243/2002, (Technical Branch), dt. 17.4.2002.

Sub: Review of performance of APTS and Flying Squad conducted by Chairman on 9.2.2002 - Conducting mass inspection of domestic services by O&M - Issue of instructions - Reg.

Ref: Minutes of meeting held on 9.2.2002.

Divisional level mass raid inspection of services are being carried out in a particular section by pooling all the Section Officers and Assistant Executive Engineers, once in a month.

Chairman felt that Inspection of domestic service shall be mainly done by O&M rather than by APTS. In the review meeting on 9.2.2002 on the performance of APTS and Flying Squad it was decided to conduct mass inspection of domestic services by O&M once in a month and conduct awareness programme before such inspection in order to create awareness among public that pilferage of energy will not go unnoticed. The local APTS shall also join in the inspection. Hence in this regard the following instructions are issued.

In addition to the mass raid inspection being conducted at present at Divisional Level, a Circle level mass inspection of domestic service may be conducted every month in a section by pooling required staff from the Sections/Sub-Divisions/Divisions with Section varying each month, commencing from April 2002. The Executive Engineer/General of that Electricity Distribution Circle may be entrusted with the above work acting as Nodal Officer for conducting the mass inspection of domestic service exclusively once in a month. Programme of conducting such inspection shall be intimated to local APTS to enable them to join in the inspection.

Further, awareness programme may also be conducted before such inspection to create an awareness among the consumers that pilferage of energy will not go unnoticed.

The receipt of this circular instruction may be acknowledged.

A. Balasubramanian,
Member (Distribution).

TTPS - R&M - Replacement of Re-heater Coils in Unit-I during major overhauling 2002 - Single tender/proprietary basis and single point responsibility of supply, erection and commissioning by M/s. BHEL, Trichy - Approval - Accorded.

(Permanent) B.P. (FB) No.33

(Technical Branch)

Dated 19.4.2002,
Chithirai 6, Chitrabanu Aandu,
Thiruvalluvar Aandu 2033.

Read:

- (1) Note approved by Chairman on 16.3.2002.
- (2) Extract of the minutes of 854th meeting of the TNEB held on 15.4.2002.

Proceedings:-

The Tamil Nadu Electricity Board hereby accords approval for the following:

To place an order on M/s. BHEL, Trichy and M/s. BHEL, Nagpur for the supply, erection and commissioning of Re-heater Coils in Unit-I at TTPS (during major overhauling in

August 2002) at a cost of Rs.2,85,99,050/- (Rupees Two Crores, eighty five lakhs, ninety nine thousand and fifty only) Ex-works, Excise Duty, Sales Tax, Freight and Insurance extra for supply and Rs.65,10,000/- (Rupees Sixty five lakhs and ten thousand only) for erection and commissioning with terms and conditions discussed in Clause-12 of the BLTC NOTE.

(By Order of the Board)

R. Kannan,
Chief Engineer/Mechanical, Thermal Stations.

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TTPS - Security arrangements - Providing Security personnel by TEXCO - Administrative approval accorded by Board - Revision of the rates due to wage revision - Revised approval - Accorded.

(Per.) B.P. (FB) No.34

(Technical Branch)

Dated 19.4.2002,

Chithirai 6, Chitrabanu Aandu,
Thiruvalluvar Aandu 2033.

Read:

- (1) Note approved by Chairman on 5.4.2002.
- (2) Extract from the Minutes of the 854th meeting held on 15.4.2002.

Proceedings:-

The Tamil Nadu Electricity Board hereby accords approval for the following:

- i) To deploy 86 security personnel at Tuticorin Thermal Power Station for a period of one year from the date of commencement of contract at the revised total cost of Rs.54,68,904/- (Rupees Fifty four lakhs, sixty eight thousand nine hundred and four only) with provision to change the rate which may likely to be revised from time to time as fixed by Deputy Secretary to Government/Public (Ex-servicemen) Department in lieu of the approval already accorded for Rs.52,57,104/- for 86 personnel in Per. B.P. (F.B.) No.105, dated 29.9.2001.
- ii) All other terms and conditions remain the same as approved in Per. B.P. (F.B.) No.105, dated 29.9.2001.

(By Order of the Board)

R. Kannan,
Chief Engineer/Mechanical, Thermal Stations.

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Energy Conservation - Taking up of Phase III of Mandatory Energy Audit programme - Approved.

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

(Technical Branch)

Dated 19.4.2002,

Chithirai 6, Chithrabanu Aandu,
Thiruvalluvar Aandu 2033.

Read:

1. G.O. Ms. No.72, Energy (C2), dated 10.5.1996.
2. (Per.) B.P. Ms.(FB) No.42, (Techl.Br.), dated 5.3.1997.
3. Per. B.P. (FB) No.58, (Techl.Br.), dated 28.3.1998.
4. The Energy Conservation Act 2001, No.52 of 2001.
5. Item 11 of the Minutes of the 854th meeting of TNEB held on 15.4.2002.

Proceedings:-

The Board, after careful consideration has approved the taking up of Phase III programme of

Mandatory Energy Audit covering about 302 Nos. HT Industries and 53 Nos. HT Commercial establishments with a sanctioned demand exceeding 700 KVA and upto and inclusive of 1000 KVA, with the same penalty provisions hitherto adopted for Phase I and Phase II programmes, as contemplated in the B.P. third cited, for non-submission of Energy Audit Reports with the Action Plan as detailed below, till such time necessary rules are framed under the Energy Conservation Act 52, 2001 by the Government of India.

ACTION PLAN:

- a. Dead line for completion of energy audit studies : 90 days from the date of receipt notice to be issued by Chief Engineers/Distrn. to the HT Consumers during the second quarter of 2002.
- b. Dead line for submission of energy audit reports : 90 days from the due date for completion of energy audit studies.
- c. Final dead line for receipt of energy audit reports }
beyond which punitive measures are to be taken }
for non-submission of energy audit reports, as per }
item (3) under clause 32 (A) of Terms and Conditions }
of Supply of Electricity. }
- d. In accordance with clause 3.4 of B.P. second cited, the HT Consumers will also be requested to commence implementation of the energy conservation proposals as suggested by their energy auditors and complete the action thereon within six months from the date of audit reports. Any delay in completing the implementation programme due to genuine reasons beyond control shall be brought to the notice of Tamil Nadu Electricity Board. The revised date of completion shall also be intimated by the HT Consumers.

2. Further, the Board has also approved that Tamil Nadu Electricity Board may continue to levy penalty on the erring HT Consumers covered under Phase II programme and also left over HT Consumers covered under Phase I programme for non-submission of energy audit report even after issue of 90 days warning notice by the concerned Chief Engineers/Distrn. as per B.P. third cited, till such time rules are framed by Government of India on the Energy Conservation Act 52, 2001.

(By Order of the Board)

K. Sengottuvelu,
Chief Engineer/Research & Development.

Circular Memo.No.X/DFC/T/AO/T/D.28/312/2002, (Accounts Branch), dated 20.4.2002.

Sub: Tender - Compulsory Pre-Bid Meeting - Regarding.

It was noticed that some of the tenderers have deviated the Board's standard terms and conditions of the specifications for want of clarifications on certain terms. In order to enable the tenderers to get the specification clarified so that they can accept the Board's standard terms and conditions and also in order to avoid arbitration at later stage after awarding of contract, it is decided that compulsory Pre-Bid Meetings shall be convened wherever the value of works/procurement exceeds Rs.1 Crore.

Hence, all the P.O. placing authorities are instructed to convene a Pre-Bid Meeting compulsorily wherever the value of procurement/work exceeds Rs.1 Crore. A provision to this effect shall be included in the future specifications.

S. Nagalsamy,
Accounts Member.

Mettur Thermal Power Station - Procurement of spares for primary crusher A - Proposal to place an order on M/s. Elecon Engg.Co.Ltd., Gujarat under single tender/proprietary basis - Approval of the Board - Accorded.

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

(Technical Branch)

Dated 20.4.2002,
Chithirai 7, Chithrabanu Aandu,
Thiruvalluvar Aandu 2033.

Read:

Item 4 of the Min. of the 854th meeting of TNEB held on 15.4.2002.

Proceedings:-

The Tamil Nadu Electricity Board hereby approves the following proposal:

- i) To place an order on M/s. Elecon Engg.Co. Ltd., Gujarat for supply of 5 items of spares for the primary crusher 'A' of Mettur Thermal Power Station at a total cost of Rs.1,24,38,951/- (Rupees One crore twenty four lakhs thirty eight thousand, nine hundred and fifty one only), inclusive of Excise duty @ 16% and central sales tax @ 4%, packing and forwarding charges and exclusive of freight and insurance charges and with the terms and conditions recommended in the Tender note.
- ii) Approval to accept Bank Guarantee @ 5% of the total order value towards S.D. clause as a special case since the supplier is not accepting the Board's S.D. clause and as the materials are proprietary in nature.
- iii) Approval to accept the payment of 95% with 100% taxes and duties against despatch documents through bank and the balance 5% within three months as a special case since the supplier is not accepting the Board's terms of payment and as the materials are proprietary in nature.
- iv) To accept the extension of 5% B.G. (to be furnished by the firm towards Security Deposit) as performance guarantee to cover the Guarantee period instead of releasing the balance 5% payment after the completion of the guarantee period.

(By Order of the Board)

R. Kannan,
Chief Engineer/Mechanical, Thermal Stations.

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Tamil Nadu Electricity Board - Kuttalam Combined Cycle Gas Turbine Power Plant (101 MW) - LOI issued to M/S. BHEL - Modification of certain commercial terms - Approval - Reg.

(Per.) B.P. (F.B.) No.39

(Technical Branch)

Dated 20.4.2002,
Chithirai 7, Chithrabanu Aandu,
Thiruvalluvar Aandu 2033.

Read:

Item No.33 of the minutes of 854th meeting of the
Tamil Nadu Electricity Board held on 15.4.2002.

Proceedings:-

The Tamil Nadu Electricity Board approves the following proposals submitted in respect of modification of certain commercial terms, specified in the LOI, issued to M/s. BHEL, New Delhi to establish 101 MW, combined cycle gas turbine power project at Kuttalam:-

- i) To make payment for the imported components including exchange rate variation, in Indian rupee through letter of credit immediately on submission of required documents as detailed below:
- (a) For the supplies made within the accepted delivery schedule.
The payment shall be made in Indian rupee at the bill selling exchange rate as applicable on the date of despatch.
- (b) For the supplies made after the accepted delivery schedule.
The payment shall be made as per the prevailing exchange rate (Bill selling rate) on the date of supply or the exchange rate which prevailed on the schedule date of supply whichever is less.
- ii) To make 90% payment directly (amounting to Rs.28.023 Crores) to M/s.BHEL for the GT kit against inspection of GT kit at Bombay Port and to withdraw the interest bearing advance already proposed in the LOI.

2. Board rejects the proposal for allowing 2% tolerance on minus side in respect of quantities specified for heat recovery steam generator, Air cooled condenser and radiator coolers in the LOI.

(By Order of the Board)

M. Krishnamoorthy,
Chief Engineer/Projects.

* * *

AMENDMENT NO.6:

Electricity - Installation of Distribution Transformer, Switch gears etc., within prospective consumers' premises of multi-storied Buildings - Amendments to Clause 8.08 of Terms and Conditions of Supply of Electricity - Orders issued.

(Per.) B.P. (F.B.) No.43

(Technical Branch)

Dated 30.4.2002,
Chithirai 17, Chithrabanu Aandu,
Thiruvalluvar Aandu 2033.

Read:

1. B.P. Ms. (F.B.) No.61, (Adm. Br.), dt. 24.12.88 and subsequent Amendments.
2. Extract from the minutes of 854th meeting of the Board held on 15.4.2002 (Item No.9).

Proceedings:-

The space of 4 M x 4 M to be provided for effecting L.T. Service Connections in Storied Buildings having a floor area of 900 Sq. metres and above as stipulated in the Clause 8.08 of Terms and Conditions of Supply of Electricity is meant for erection of distribution transformer in the open space. But there is no specific mention about space accommodation for erection of indoor units and structure mounted outdoor units within the premises of storied building.

A proposal specifying the space required for both floor mounted as well as structure mounted distribution transformer to be erected for effecting L.T. Service Connection in the storied buildings was put up to the Board.

Board, in its 854th meeting held on 15.4.2002, has approved the proposal for providing space for erection of floor mounted distribution transformer as well as space for structure mounted distribution transformers in the premises of storied building to effect L.T. Service Connections and also to amend the Clause 8.08 of Terms and Conditions of Supply of Electricity.

Accordingly, after careful consideration, of all the connected issues, the Board in exercise of the powers conferred by Section 49 of Electricity (Supply) Act 1948 (Central Act LIV of 1948) read with Section 79 (j) issues the following amendments to the Clause 8.08 of Terms and Conditions of Supply of Electricity notified in B.P. Ms. (F.B.) No.61, (Adm.Br.), dt. 24.12.88 and amended up to 31.7.2001 and

published in Part VI Section 3 (b) of the Tamil Nadu Government Gazette No.46, dt. 5.12.2001 and further amended subsequently.

This amendment shall come into force with immediate effect.

AMENDMENT

Existing (1)	Amended as (2)
<p>In storied building sufficient space at a suitable place shall be made available free of cost to the Board for installing transformers, switchgears, meters etc.</p> <p>For storied buildings having a total floor area of 900 square metres and above, a space of 4 m x 4m for Low Tension service connection and 5m x 6m with a vertical clearance of 3.7 metres between the floor and the ceiling/ beam bottom for High Tension service connections shall be exclusively earmarked in the ground floor for installing the Board's equipments etc. and this area shall be specifically shown in the plan. A fire proof and weather proof enclosure with locking arrangements shall be provided. This enclosure should be at the periphery of the building and should be cut off from other portions of the premises by fire resistance walls. Before the plan is sent to the competent authority for approval, it shall be sent to the Board's Engineer and got approved. Failure to comply with the above requirements will result in denial of supply.</p>	<p>In storied building sufficient space at a suitable place within the premises of the prospective consumer shall be made available free of cost to the Board for installing transformers, switchgears, meters etc.</p> <p>For storied buildings having a total floor area of 900 square metres and above, for Low Tension Service Connection (i) an electrical room with RCC roof having clear floor area 6m x 4m with a vertical clearance of 2.75 metres with locking facility, exhaust fans and adequate size of cable duct, shall be provided at the ground floor within the consumer premises of storied buildings nearer to the main entrance for installing floor mounted distribution transformer and associated switchgear or (ii) A clear space of 10m x 4 m or 5m x 5 m open to the sky shall be provided within the consumer premises preferably at the main entrance for installing structure mounted distribution transformer and associated switchgears. These area shall be specifically shown in the plan.</p> <p>An approach road of not less than 3 metres width shall be provided from the public road to the electrical room/open space earmarked for installation of distribution transformer and associated switchgear.</p> <p>For High Tension service connections, a space of 5m x 6m with a vertical clearance of 3.7 metres between the floor and the ceiling/ beam bottom shall be exclusively earmarked in the ground floor for installing the Board's equipments etc. and this area shall be specifically shown in the plan. A fire proof and weather proof enclosure with locking arrangements shall be provided. This enclosure should be at the periphery of the building and should be cut off from other portions of the premises by fire resistance walls. Before the plan is sent to the competent authority for approval, it shall be sent to the Board's Engineer and got approved.</p> <p>Failure to comply with the above requirements will result in denial of supply.</p>

(By Order of the Board)

A. Balasubramanian,
Member (Distribution).

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