

# தமிழ் நாடு மின்சார வாரியம் செய்தி அறிவிப்பு வெளியீடு

தொ. 25

மார்ச் 2006

எண்.3



மின்னாற்றலே தமிழக முன்னேற்றம் ...

## இலட்சிய கூற்று

மலிவான விலையில் தரமான  
தடையிலா மின்சாரம் எனில்  
தமிழ்நாடு மின்சார வாரியமே  
எனும் இலக்கை அடைதல்

# TAMIL NADU ELECTRICITY BOARD

## BULLETIN

**MARCH - 2006**

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# NEWS & NOTES

## PART - I

### I] GENERATION PARTICULARS:

The Generation/relief figures for March, 2006 were as follows:

Sl.No.	Particulars	March - 2006 (in Million Units)
I.	<b>TNEB GENERATION (Gross)</b>	
	i) Hydro	358.421
	ii) Thermal	1890.868
	iii) Gas	171.811
	iv) Wind & Solar	0.075
	<b>TNEB TOTAL</b>	<b>2421.175</b>
II	Net Import from CGS & other regions (excluding Pandy & Kerala Export)	1896.269
III	<b>PURCHASES</b>	
	i) IPP	582.435
	ii) Windmill Private	88.042
	iii) Cogeneration (Provisional)	65.000
	iv) Others (TCPL, HITECH, MRL)	50.083
	<b>TOTAL</b>	<b>785.560</b>
IV	<b>TOTAL (Gross generation + Net import + Purchases)</b>	<b>5103.004</b>
V	Less energy used for Kadamparai pump	37.905
		<b>5065.099</b>
VI	<b>AVERAGE PER DAY</b>	<b>164.613</b>
VII	<b>DETAILS OF NET PURCHASES FROM CGS:</b>	
	1) Neyveli TS-I	335.810
	2) Neyveli TS-I Expansion	225.023
	3) Neyveli TS-II	456.364
	4) MAPS	222.787
	5) NTPC )	
	6) KAIGA )	
	7) Eastern Region )	1222.729
	8) Kayankulam )	
	9) Less Export to Kerala & Pandy	566.444
	<b>TOTAL NET PURCHASES</b>	<b>1896.269</b>
VIII	<b>DETAILS OF PURCHASES FROM IPPs</b>	
	1) GMR	87.073
	2) SPCL	43.254
	3) MPCL	43.580
	4) PPN	147.434
	5) ST-CMS	169.738
	6) ABAN	75.012
	7) ARKAY	16.344
	<b>TOTAL</b>	<b>582.435</b>



## IX DETAILS OF OTHER PURCHASES

1) Wind Mill Private	88.042
2) Cogeneration	65.000
3) HITECH	6.727
4) TCPL	41.947
5) MRL & Other CPPs	4.109
<b>TOTAL</b>	<b>203.125</b>

- X Maximum Grid demand (excluding Wind mill and Co-generation) and consumption during March 2006 were 8170 MW at 49.36 Hz on 28.3.2006 and 172.410 MU on 24.3.2006 respectively.

## II. STORAGE POSITION:

The Storage position in various reservoirs as on 1.4.2006 when compared to the storage as on 1.4.2005 was as follows:-

Sl. No.	Name of the Group	As on 1.4.2006	As on 1.4.2005	Difference
1.	Nilgiris	861.240	917.910	(-) 56.670
2.	P.A.P.	81.540	29.500	52.040
3.	Periyar	56.530	2.770	53.760
4.	Papanasam & Servalar	29.310	14.880	14.430
5.	Suriliyar	16.650	9.900	6.750
6.	Kodayar	143.200	98.320	44.880
7.	<b>Total Excluding Mettur</b>	<b>1188.470</b>	<b>1073.280</b>	<b>115.190</b>
8.	For Mettur	178.260	21.830	156.430

## III. PERFORMANCE OF THERMAL STATIONS:

## i) TUTICORIN (5 x 210 MW):

The details of generation at Tuticorin T.P.S. during March 2006 were as follows:

Unit	Availability Factor (%)	Generation (in MU)	Plant Load Factor (%)
I (210 MW)	97.10	152.000	97.30
II (210 MW)	100.00	151.300	96.80
III (210 MW)	96.40	150.020	96.00
IV (210 MW)	98.30	154.210	98.70
V (210 MW)	100.00	157.750	101.00
<b>STATION</b>	<b>98.36</b>	<b>765.280</b>	<b>98.00</b>

## ii) METTUR (4 x 210 MW):

The details of generation at Mettur T.P.S. during March 2006 were as follows:

Unit	Availability Factor (%)	Generation (in MU)	Plant Load Factor (%)
I (210 MW)	100.00	156.601	100.23
II (210 MW)	100.00	156.901	100.42
III (210 MW)	99.56	155.711	99.66
IV (210 MW)	100.00	156.595	100.23
<b>STATION</b>	<b>99.89</b>	<b>625.808</b>	<b>100.14</b>

## iii) NORTH CHENNAI (3 x 210 MW):

The details of generation at North Chennai T.P.S. during March 2006 were as follows:

Unit	Availability Factor (%)	Generation (in MU)	Plant Load Factor (%)
I (210 MW)	99.49	156.545	100.20
II (210 MW)	99.05	154.270	98.74
III (210 MW)	99.62	155.950	99.81
STATION	99.38	466.765	99.58

## IV. Coal Particulars for March 2006:

Sl.No.	Particulars	Tuticorin TPS	Mettur TPS	North Chennai TPS
1.	Coal Linkage (in lakh tonnes)	4.25	2.40	1.60
2.	Coal Receipt (-do-)	4.51	4.75	1.84
3.	Coal Consumption (-do-)	5.41	4.23	3.17
4.	Coal stock as on 1.4.2006 (-do-)	5.47	6.55	2.15
5.	Specific Coal Consumption (Kg./ug.)	0.708	0.676	0.681

## V. Auxiliary consumption and oil consumption during March 2006:

Sl. No.	Details	Tuticorin TPS	Mettur TPS	North Chennai TPS
1.	Specific Oil consumption (ml/ug)	0.410	0.077	0.310
2.	Auxiliary consumption (%)	7.570	8.180	8.690

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

\* \* \*

The following are the details of posts Created and Abolished during the month of March 2006.

A. Lionel Paul Sathiyadurai,  
Chief Engineer/Personnel.

## POSTS CREATED

Sl. No.	Reference in which the posts were created	Name of the Circle	Class / Cadre	Name of the Post	No. of Posts	Purpose	Period
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	(Per.) B.P. (F.B.) No. 56 (Adm.Br.) dated 01.03.2006	Chengal-pattu E.D.C	II/Pro. III/RWE " IV/RWE	J.E. (Eled.) II Gr. Foreman I Gr. Line Inspector Helper/Wireman	4 1 1 4	Sanction of posts to the 110 KV (Non grid) Sub-station at Padappai in Chengal Pattu EDC.	For a period of one year from the date of utilisation of the posts
			Total		10		



(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2.	(Per.) B.P.(Ch.) No.57 (Adm.Br.) dt.01.03.2006.	Chennai E.D.C. (North)	III/Pro. III/RWE * *	J.E.(Elect.) II Gr. Foreman I Gr. Line Inspector Helper/Wireman	4 1 1 4	For the upgradation of 33/11 KV SS to 110/33-11 KV (Non- grid) at Kilpauk in Chennai EDC/North	For a period of one year from the date of utilisation.
				Total	10		
3.	(Per.) B.P.(Ch.) No.60 (Adm.Br.) dt.01.03.2006.	C.E./P.P. & Project Best.	II/Accts.	Accounts Officer	1	Upgradation of one post of Asst. Accts. Officer as Accts. Officer	For a period up to 28.02.07 from the date of utilisation.
4.	(Per.) B.P. (Ch.) No. 7 (Adm.Br.) dt.03.03.2006	Gen. Circle Erode.	II/Techl. * * *	A.E.E.(Elect.) A.E.E.(Mechl.) A.E. (Elect.) A.E. (Mechl.)	1 1 5 1	For attending to the O&M works of B.K.B.I./ Samaya sangili Project Power House in Gen. Circle/Erode.	For a period up to 28.02.2007 from the date of utilisation.
				Total	8		
5.	(Per.) B.P. (Ch.) No.61 (Adm.Br.) dt.06.03.2006.	GCC Coimbatore	III/Prov.	Sr. D'man	2	For attending to the works in Drawing Branch of Circle office in GCC Coimbatore	For a period upto 28.2.07 from the date of utilisation.
6.	(Per.) B.P.(Ch.) No. 62 (Adm.Br.) dated 07.03.2006	WEDC/ Udumalpet	II/Techl. III/Pro	A.E./J.E. Elect I Gr Sr. D'man	1 1	For utilising as the supporting staff of the S.E./WEDC	For a period up to 28.02.07 from the date of utilisation.
				Total	2		
7.	(Per.) B.P.(F.B.) No.21 (Sectt.Br.) dated 08.03.2006	Resident Manager/ New Delhi	IV/RWE	Cook-cum- Caretaker	2	For House Keeping and other works at New Delhi.	For a period of one year from the date of utilisation.
8.	(Per.) B.P. (Ch.) No. 65 (Adm.Br.) dated 14.03.2006.	C.E./Mechl./ Coal	I/Accts.	Deputy Financial Controller	1	Upgradation of one post Accts. Officer as Deputy Financial Controller	For a period up to 28.02.07 from the date of utilisation.
9.	(Per.) B.P. (Ch.) No. 66 (Adm.Br.) dated 14.03.2006	C.E./GTS	IV/Prov.	Office Helper	2	To look after the works in the Chamber of C.E./GTS	For a period upto 28.2.2007 from the date of utilisation.
10.	(Per.) B.P. (Ch.) No. 67 (Adm.Br.) dated 15.3.2006.	Coimba tore EDC/ North	III/Pro. III/RWE * IV/RWE	J.E.(Elect.) II Gr Foreman I Gr Line Inspector Helper/Wireman	4 1 1 4	Sanction of posts to the 110/11 KV (Non- grid) Sub-station at Devarayapuram in Coimbatore EDC/ North	For a period of one year from the date of utilisation of the posts.
				Total	10		
11.	(Per.) B.P. (Ch.) No. 69 (Adm.Br.) dated 20.03.2006	Tuticorin EDC	III/Pro. III/RWE * *	J.E. (Elect.) II Gr Foreman I Gr. Line Inspector Helper/wireman	4 1 1 4	For the new 110/ 22-11 KV SS at Ayyanarpuram in Tuticorin EDC.	For a period one year from the date of utilisation.
				Total	10		

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
12.	(Per.) B.P. (Ch.) No. 71 (Adm.Br.) dated 28.3.2006.	Chennai EDC/West	I/Tech. II/Tech. " III Pro " III/RWE " " " " "	E.E.(Eled.) A.E.E. (Eled.) A.E./J.E./I Gr.El. Draughtsman Typist Spl.Gr.Foreman Line Inspector Tech.I Assistant Wireman Helper/Wireman	1 5 1 1 1 1 2 4 2 4	For the newly commissioned 400 KV SS at Alamathy in Avadi Division in Chennai EDC/West.	For a period upto 28.02.07 from the date of utilisation.
Total					22		

**POSTS ABOLISHED**

Sl. No.	Reference in which the posts were abolished	Name of the Circle	Class / Cadre	Name of the Post	No. of Posts	Purpose	Period
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	(Per.) B.P. (Ch.) No. 60 (Adm. Br.) dated 01.03.2006	C.E./P.P. & Project Best	III/Accts. III/Pro.	Assistant Accounts Officer	1	Consequent on the upgradation of one post of Asst. Accts. Officer as Accts. Officer.	With effect from the date of utilisation of the upgraded post.
2.	(Per.) B.P.(Ch.) No. 61 (Adm.Br.) dated 06.03.2006.	GCC/ Coimbatore	III Pro.	Draughtsman	2	Consequent on the upgradation of 2 posts of Senior Draughtsman.	Date of utilisation of the upgraded posts.
3.	Memo. (Per.) No. 127905/G37/G371 2005-2, dated 06.03.2006	S.E./Civil/ Hydel	II/Techl.	A.E.E./Civil	1	Since utilising only for segregating and making entry of the incoming and out going tapals.	With immediate effect.
4.	(Per.) B.P. (Ch.) No. 21 (Adm.Br.) dated 08.3.2006.	Resident Manager/ New Delhi	IV/RWE.	House Keeping Helper (consolidated wages)	2 1 ----- 3	Consequent on on creation of two posts of Cook-cum-Care taker.	Date of utilisation of the upgraded posts
5.	(Per.) B.P. (Ch.) No. 65 (Adm. Br.) dated 14.3.2006.	C.E./Mechl./ Coal	II/Accts.	Accounts Officer	1	Consequent on the upgradation of one post Accts. Officer as Deputy Financial Controller.	With effect from the date of utilisation of the upgraded post.
6.	(Per.) B.P. (Ch.) No. 69 (Adm.Br.) dated 20.3.2006.	Tutiocorin EDC	III/RWE IV/RWE	SBO/L.I. Helper	4 4 ----- 8	Consequent on the upgradation of the 33/11 KVSS at Kilpauk in Chennai EDC/North	With effect from the date of utilisation of the posts created for the upgraded sub-station
Total					8		



# GENERAL ADMN. & SERVICES

## PART – II

Memo. No. 106723/A 3/A.31/2005-1, (Secretariat Branch) dt.1.3.2006.

Sub : Tamil Nadu Electricity Board - Revision of wages with effect from 1.12.2002 - Option on the date of completion of 15 years of service - Date of Next increment after fixation and eligibility of consolidated amount of Rs.2400/- Clarifications - Issued.

- Ref: 1. (Per) B.P. (Ch) No 220 (SB) Dated : 16.10.2005.  
2. (Per) B.P. (Ch) No 221 (SB) Dated : 16.10.2005.  
3. (Per) B.P. (FB) No.61 (SB) Dated : 5.12.2005.

The attention of the Chief Engineers / Superintending Engineers and other Officers of the Board is invited to the references cited. The further points raised are clarified as below:

Sl.No.	POINTS RAISED	CLARIFICATION
1.	As per (Per) B.P. (FB) No.61 (SB) Dated:5.12.2005, if an Officer/employee opted to fix his pay on a date between 1.12.2002 and 15.10.2005 for getting the benefit of one increment as service weightage, whether next increment may be allowed to him/her on his/her normal increment date or should be given only after completion of one year of service from the date of fixation subject to quarterly advancement.	According to clause 5(1) of the Tamil Nadu Electricity Board Revised Scales of Pay (Workmen/Officers) Regulations 2005, the next increment of an employee in the revised scales of pay shall be granted on the date on which he would have drawn the increment had he continued in the existing scale. This position has not been altered even after issue of orders in (Per) B.P. (FB) No.61 (SB) Dated:5.12.2005. Hence the next annual increment after fixation on completion of 15 years of service will be the date of regular increment only.
2.	If an employee / Officer opted to come over to revised scale of pay on a date other than 1.12.2002, whether he is eligible for the payment of consolidated amount of Rs.2,400/- @ Rs.100/- per month payable for the period between 1.12.2000 and 30.11.2002.	Yes. The consolidated amount of Rs.2,400/- @ Rs.100/- per month should be paid to all eligible employees who were in service during the period from 1.12.2000 to 30.11.2002, irrespective of the date from which they have opted to come over to the revised scale of pay. It should be paid proportionately to those who retired between 1.12.2000 and 30.11.2002.

(By Order of the Chairman)

G. Ramamurthy,  
Secretary.

\* \* \*



Establishment - Generation Circle/Erode - Class II to IV Services - Provincial and R.W.E. cadres - Creation of 51 posts (Provincial 8 + RWE 43) in various categories for O&M works in B.K.B. I / Samayasangili Project Power House - Orders - Issued.

(Per) B.P. (FB) No.7

(Administrative Branch)

Dated : 3.3.2006.

Masi 19, Parthiba Aandu,  
Thiruvalluvar Aandu 2037.

Read:

1. This Office Memo.(Per) No.126228/372/G36/G361/2005-2, dated 1.3.2006.
2. CE/Hydro Lr.No.9691/4799/M18/M187/2005, dated 22.11.2005.
3. ACE/Gen. Circle, Erode Lr.No.SE/G/ED/16548/853/Adm.I(3)/F.P.S./2005, dated 30.11.2005.
4. CE/Hydro Lr.No.9691/4799/M18/M187/2005-5, dated 19.1.2006.
5. Minutes of the 89th meeting of the T.N.E.B. held on 27.2.2006 (Item No.30).

### Proceedings:

Under the circumstances stated by the Chief Engineer/Hydro and Additional Chief Engineer/Generation Circle/Erode, it is hereby ordered that the following 51 (Fifty One) posts (Provincial 8 + RWE 43) in various categories be created for a period upto 28.2.2007 from the date of utilisation of the posts for the O&M works of B.K.B. I / Samayasangili Project Power House in Generation Circle/Erode.

#### PROVINCIAL

1. Asst. Executive Engineer/Electrical	-	1 (One)
2. Asst. Executive Engineer/Mechanical	-	1 (One)
3. Assistant Engineer/Electrical	-	5 (Five)
4. Assistant Engineer/Mechanical	-	1 (One)
<b>TOTAL</b>		<b>8 (Eight)</b>

#### R.W.E.

1. Foreman II Grade (Elec. / Mechl.)	-	2 (Two)
2. S.B.A.	-	4 (Four)
3. Crane Driver	-	1 (One)
4. Electrician I Grade	-	1 (One)
5. Mechanic II Grade	-	1 (One)
6. Fitter I Grade (Mechl. / Civil)	-	1 (One)
7. Welder I Grade	-	1 (One)
8. Electrician II Grade	-	1 (One)
9. Maistry III Grade	-	1 (One)
10. Assistant Operator	-	4 (Four)
11. Helper	-	26 (Twenty Six)
<b>TOTAL</b>		<b>51 (Fifty One)</b>

2. The incumbents of the posts sanctioned in Para (1) above, shall be eligible to draw the usual Pay, Dearness Allowance, House Rent Allowance, City Compensatory Allowance and other Allowances as case may be at the rates as admissible under the orders in force wherever applicable.

3. The Additional Chief Engineer/Generation Circle, Erode shall report the date of utilisation of the posts promptly.

4. The expenditure is debit to "Tamil Nadu Electricity Board Funds - Revenue Expenses - Hydro and Rural Generation - 75 - employees cost."

5. The receipt of the B.P. shall be acknowledged.

(By Order of the Board)

A. Lionel Paul Sathiadurai,  
Chief Engineer/Personnel.

\* \* \*

Health Fund Scheme - Tamil Nadu Electricity Board Employees' Health Fund Scheme - Enhancement of Subscription from Rs. 100/- per annum to Rs. 130/- per annum from the salary of the employees and enhancement of Board's contribution - Orders - Issued.

(Per) B.P. (FB) No.20

(Secretariat Branch)

Dated the 3<sup>rd</sup> March 2006.  
Masi 19, Parthiba Aandu,  
Thiruvalluvar Aandu 2037.

Read:

1. (Per) B.P. (FB) No.57 (SB) dt 6.5.1993.
2. (Per) B.P. (FB) No.41 (SB) dt 29.5.1997.
3. (Per) B.P. (FB) No.56 (SB) dt 8.10.2001.
4. Memo. (Per) No.78158-A17/A71/2003-2 dt 7.10.2003.

#### Proceedings:

In the Board's proceedings second cited, among other things, orders were issued enhancing the Board's contribution to Tamil Nadu Electricity Board Employees' Health Fund Scheme from Rs. 10 lakhs to Rs.25 lakhs per annum. In the Board's Proceedings third cited, orders were issued enhancing the annual subscription of an employee towards Health Fund Scheme from Rs.30/- per annum to Rs.100/- per annum.

2. As large number of applications are being received from the serving employees of the Board for grant of financial assistance, the total sum of subscription received from the employees and Board's contribution is found to be not sufficient to meet the requirement. The Health Fund Scheme, which is helping the employees to get financial assistance for their ailments substantially, should render timely help. Hence, it was suggested to enhance the rate of subscription by the employee from Rs. 100/- per annum to Rs.130/- per annum. Accordingly, discussions were held with the Unions/Associations for the enhancement of annual subscription. While agreeing to the suggestion, most of the unions have insisted on matching increase in the Board's contribution. Some of the unions have requested to recover the amount of subscription in two instalments in a year. The subject has been placed before the Board for a decision.

3. The Tamil Nadu Electricity Board, after careful consideration has approved the proposal of enhancement in the rate of annual subscription by the employees and enhancement in the Board's contribution to the Tamil Nadu Electricity Board Employees Health Fund Scheme and directs as follows:

- i) The recovery of annual subscription from the salary of the employees of the Board towards Tamil Nadu Electricity Board Employees' Health Fund Scheme shall be enhanced from Rs. 100/- per annum to Rs. 130/- per annum from the financial year 2006-2007.
- ii) The recovery shall be made in two instalments of Rs.65/- each, the first instalment from the pay for the month of March payable in April and the second instalment from the pay for the month of September payable in October every year.
- iii) The Board's contribution shall also be enhanced from Rs.25 lakhs per annum to Rs.32.5 lakhs per annum from the financial year 2006-2007.

4. The pay drawing officers in all offices shall note that the first instalment of subscription amount of Rs.65/- (Rupees sixty five only) relating to 2006-2007 should be recovered from the salary of the employees under their control for the month of March 2006 payable in April 2006 without fail.



5. Receipt of the Board's Proceedings shall be acknowledged.

(By Order of the Board)

G. Ramamurthy,  
Secretary.

\* \* \*

TNEB - VELLORE REGION - VELLORE EDC - PROVIDING SECURITY ARRANGEMENTS TO THE CENTRAL STORES / VELLORE THROUGH M/s. TEXCO Ltd., FOR A PERIOD OF ONE YEAR FROM THE DATE OF UTILIZATION - APPROVAL ACCORDED.

Routine. B.P. (CH) No.12

(Technical Branch)

Dated : 4.3.2006.

Maasi 20, Parthiba Aandu,  
Thiruvalluvar Aandu 2037.

Read :

Chief Engineer / Civil Design / Chennai-2 Note SE / D&I / E1 / A1 /  
D.46/ dt. 7.2.2006 approved by the Chairman on 28.2.2006.

**Proceedings:**

Approval is accorded for the proposal of the Chief Engineer/Distribution/Vellore Region for providing security arrangements to the Central stores/Vellore of Vellore Electricity Distribution Circle through M/s. TEXCO Ltd., at an estimated cost of Rs.2,51,664/- (Rupees Two lakh fifty one thousand six hundred and sixty four only) through M/s. TEXCO Ltd., for a period of one year from the date of utilization as detailed in the annexure.

The expenditure is chargeable to TNEB Revenue Expenditure A/C code No.76.163.

(By order of the Chairman)

K.G. Natesan,  
Chief Engineer/Civil Designs.

Encl: One

ANNEXURE

ABSTRACT

**Name of work :** Vellore Region - Vellore EDC - Providing Security arrangements to the Central stores / Vellore through M/s. TEXCO Ltd., for a period of one year.

Sl. No.	Description	No. of person (A)	Rate/Each/Month Rs. (B)	Amount Rs. (A x B)
1.	Security guards	4	4248	16,992.00
2.	Service charges @ 12%			2,039.04
				19,031.04
	Service Tax @ 10.2%			1,941.17
				20,972.21
				(OR)
	Total		say	20,972/- per Month
	Amount per annum			2,51,664/-

(Rupees two lakhs fifty one thousand six hundred and sixty four only)

-True Copy-

\* \* \*



Training & Development - 3 months (12 weeks) Induction Training to newly recruited Assistant Engineers/  
Electrical - Proposal submitted - Approval Accorded - Regarding.

(Permanent) B.P. (Ch) No.123

(Technical Branch)

Dated the 15.03.2006.  
Panguni 1, Parthiba Aandu,  
Thiruvalluvar Aandu 2037.

Read:

1. Per B.P (FB) No. 22 (Administrative Branch) dt. 01.08.2005.
2. Chairman's approval dt 11.3.06 on the N.F.No. 01112/DTD/N21/N211/2006

### Proceedings:

Approval has been accorded for recruitment of 300 candidates for the post of Assistant Engineer/  
Electrical and 25 candidates for the post of Assistant Engineer/Mechanical vide Per B.P. (FB) No. 22  
(Administrative Branch) dt. 1.8.2005.

2. These newly recruited Assistant Engineers are to be imparted 3 months (12 weeks) induction  
Training at the 4 Training Institutes of the Board, as indicated below on Technical as well as Non - Technical  
subjects like Administration, Terms & Conditions of supply, Consumer Satisfaction, Grievance Handling, Public  
Relation Management, Rules & Regulation, D.P., Trade Unions, Drafting, Finance & Accounting, Computerisation,  
etc., The syllabus has also been designed in that line and to suit to the requirement of newly joining Engineers,  
so that on taking charge as Assistant Engineers they will have a good knowledge of various rules and regulations  
of the Board and optimize their performance.

Sl.No.	Name of the Institute	Period	Topics
1.	Staff Training College, Chennai - 2,	2 weeks	Management
2.	Tr. & Substation Training Institute, Madurai	4 weeks	Transmission & Distribution
3.	Thermal Training Institute Vallur Camp, NCTPS, Chennai-120	3 weeks	Thermal Generation.
4.	Hydro Training Institute, Kuthiraikalmedu (Near Erode)	3 weeks	Hydro Generation
Total Period of Training		<u>12 weeks</u>	

3. The Director / Training & Development has evolved a proposal to impart Induction Training to the  
300 newly recruited Engineers posted as Assistant Engineer/Electrical on Technical as well as Non-Technical  
subjects for a period of 3 months (12 weeks) in twelve batches, each consisting of 25 trainees under the co-  
ordination, guidance and control of the 4 Deputy Directors at Chennai, NCTPS, Madurai and Kuthiraikalmedu  
(Near Erode). Every batch will undergo training on both technical subjects and non technical subjects for 12  
weeks (71 working days) @ 6 hours per day at all the 4 training Institutes on "Management, Transmission &  
Distribution, Generation" (Thermal / Hydro / Gas etc.) at an expenditure of Rs. 30,44,220/- (Rupees Thirty  
Lakhs, Forty Four Thousand Two Hundred and Twenty only) @ Rs. 15,22,110/- for 6 batches of 150 Engineers,  
as indicated in the Annexure III.

4. After careful consideration, approval is hereby accorded for imparting Induction Training to the 300  
newly recruited Assistant Engineer/Electrical on Technical as well as Non - Technical subjects for a period of  
3 months (12 weeks) in twelve batches, each consisting of 25 trainees, at an expenditure of Rs. 30,44,220/-  
(Rupees Thirty Lakhs, Forty Four Thousand, Two Hundred and Twenty only) @ Rs. 15,22,110/- for 6 batches of  
150 Engineers, as indicated in the Annexure III, under the co-ordination, guidance and control of the 4 Deputy  
Directors at Chennai, NCTPS, Madurai and Kuthiraikalmedu (Near Erode). Every batch will undergo training on  
both technical subjects and non-technical subjects for 12 weeks (71 working days) @ 6 hours per day at all the  
4 training Institutes on "Management, Transmission & Distribution, Generation" (Thermal / Hydro / Gas etc.) as  
indicated in the Annexure - I & II.



5. Initially, training will be imparted for 150 engineers in 6 batches for a period of 3 months as per the tentative schedule enclosed in the Annexure - I. The Staff Training College, Chennai, Hydro Training Institute, Kuthiraikalmedu, Transmission & Substation Training Institute, Madurai and Thermal Training Institute, NCTPS, Chennai will be imparting training simultaneously and the batch of trainees completing training at one Institute will go to the next Training Institute. Thus, in one cycle, a batch of trainees will be imparted training at all the 4 Institutes by rotation.

6. After completion of one set of training for 6 batches of 150 Engineers for 3 months, the balance 150 Engineers will be imparted training in 6 batches for the next 3 months, during the year 2006-07.

7. The expenditure to be incurred, Institution wise for imparting the above training is enclosed in the Annexure III.

8. (i) The Personal Assistant/Unit.II/Tech.Branch/Chennai is authorized to arrange to make payment to Deputy Director/Staff Training College, Chennai by opening a temporary advance in the name of an officer nominated by the Deputy Director/STC as and when claimed.

(ii) The Superintending Engineer/Madurai EDC is authorized to arrange to make payment to Deputy Director/Transmission & Sub Station Training Institute by opening a temporary advance in the name of an Officer nominated by the Deputy Director/Tr& SSTI/Madurai as and when claimed.

(iii) The Superintending Engineer/P&A/NCTPS, Chennai-120 is authorized to arrange to make payment to Deputy Director/Thermal training Institute by opening a temporary advance in the name of an Officer nominated by the Deputy Director/Thermal Training Institute, Vallur Camp as and when claimed.

(iv) The Superintending Engineer/Generation/Erode is authorized to arrange to make payment to Deputy Director/Hydro Training Institute, Kuthiraikalmedu by opening a temporary advance in the name of an Officer nominated by the Deputy Director/Hydro Training Institute, Kuthiraikalmedu as and when claimed.

9. The expenditure is debitable to TNEB - Funds - revenue expenses - Training expenses - A/c No. 76.154 - Training to Board's Personnel.

(By Order of the Chairman)

A. Lionel Paul Sathiadurai,  
Chief Engineer/Personnel.

Encl Annexures I to III

Annexure - I  
Tentative Training Schedule

Month	April			May				June					
	Batch	3-7	10-15	17-22	24-29	2-6	8-12	15-20	22-27	29-3	5-9	12-17	19-24
I	STC	TTI	TTI	HTI	HTI	HTI	TTI	STC	T&STI	T&STI	T&STI	T&STI	T&STI
II	STC	TTI	TTI	HTI	HTI	HTI	TTI	STC	T&STI	T&STI	T&STI	T&STI	T&STI
III	HTI	HTI	HTI	T&STI	T&STI	T&STI	T&STI	TTI	TTI	TTI	STC	STC	STC
IV	HTI	HTI	HTI	T&STI	T&STI	T&STI	T&STI	TTI	TTI	TTI	STC	STC	STC
V	T&STI	STC	STC	TTI	TTI	T&STI	T&STI	T&STI	HTI	HTI	HTI	HTI	TTI
VI	T&STI	T&STI	T&STI	TTI	TTI	STC	STC	T&STI	HTI	HTI	HTI	HTI	TTI

STC - STAFF TRAINING COLLEGE, CHENNAI-2.

TTI - THERMAL TRAINING INSTITUTE, NCTPS, CHENNAI-120

T&STI - TRANSMISSION & SUBSTATION TRAINING INSTITUTE, MADURAI

HTI - HYDRO TRAINING INSTITUTE, KUTHIRAIKALMEDU (NEAR ERODE)

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**ANNEXURE - II**  
**STAFF TRAINING COLLEGE/CHENNAI-2**  
**PERIOD OF TRAINING : 2 WEEKS**

**MANAGEMENT TOPICS COVERED**

1. Organisation Structure
2. Financial Scenario in TNEB
3. Motivation
4. Communication Skills
5. Interpersonal Relationship
6. Team Building
7. Stress Management
8. Time Management
9. Customer Relationship Management
10. Problem Solving
11. Decision Making
12. Goal setting
13. HRD in Organisation
14. Assertiveness
15. Attitudinal Changes
16. Conservation of Energy - Environmental Issues
17. Safety Management
18. Demand Side Management
19. Elevated Vision
20. Computerisation in TNEB
21. Usage of Internet
22. Total Quality Management
23. Court Procedures
24. Electricity Act 2003
25. D.P. Procedures
26. Tender Regulations
27. Quality of Life
28. Quality of Work Life
29. Financial Planning for Young Professionals
30. Conflict Management
31. Change Management
32. Morale Development
33. Customer Ecstasy
34. Holistic HRD
35. Leadership Styles
36. Managerial Effectiveness in Organisation
37. Quality in Materials
38. Emotional Balance
39. Leadership Quality
40. Situational Leadership



41. Behaviour Modification
42. Positive Enlightening Climate in the Organisation
43. Empowerment in the Organisation
44. Pre Training Exercise
45. Post Training Exercise

Field Visits.

1. Visit to LD Centre/SCADA
2. Visit to Call Centre

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**TRANSMISSION AND SUB STATION TRAINING INSTITUTE/MADURAI**  
**PERIOD OF TRAINING : 4 WEEKS**

**TOPICS COVERED**

1. Introduction of TNEB organization structure.
2. Introduction to Distribution reforms.
3. Effecting and maintaining of quality supply
4. Section office activities and customer relation management.
5. Introduction to Management information system
6. Distribution system planning and analysis - automation of distribution network with application of information technology.
7. Office procedures
8. Sub division and division office activities
9. Registers, Returns and classification of tariffs.
10. Distribution transformer and its components.
11. Outage management - Causes for break down and averting failures in distribution transformers
12. Processing of Low Tension / High Tension applications.
13. Visit to Section Office
14. Practical training on processing of application - Role acts of section staff.
15. Preparation of layout and pole schedule.
16. Preparation of estimate
17. Practical training on preparation of estimate
18. Erection and inspection of LT/HT lines and transformer structure.
19. Line losses and methods to reduce line losses.
20. Study visit to line inspection and pole manufacturing yard at Samayanallur.
21. Effecting and inspection of service connections
22. HT and LT metering
23. Financial activities and responsibilities at Section Office.
24. Stores transaction and inventory control.
25. Study visit to Central and Sub Stores
26. Electricity Act 2003
27. Distribution Code
28. Electricity Supply Code
29. Standards of performance of regulation
30. Theft of energy and mal practices
31. Court Cases

32. Computer applications and LT billing
33. Consumer index/Call redressal forum
34. Visit to Madurai Kamaraj University on GIS & GPS
35. Earthing practices in distribution and improvement by application of bentonite powder.
36. Practical training on measurement of IR value and earth resistance value of Distribution Transformer.
37. Substation purpose and types
38. Substation layout and busbar schemes
39. Selection of substation equipments
40. Substation Erection practices
41. Power Transformers
42. Circuit Breakers and Isolators
43. Gas Insulated Substation
44. Instrument Transformers
45. Battery and chargers
46. Protection schemes
47. Substation earthing
48. Practical training on Batteries
49. Condition monitoring of substation equipments.
50. Application of SCADA
51. PLCC in Substation
52. Study visit to 110 KV SS and 230 KV SS
53. Meter Relay testing - activities
54. Grid Relay Testing - activities
55. Grid Management - Load Dispatch Centre activities - Focus on Availability Based Tariff.
56. Visit to MRT Lab and SLDC Madurai
57. Activities of special maintenance wing - replacement of bushing rods, gaskets in distribution transformers.
  - oil testing (BDV)
58. Visit to special maintenance unit
59. Introduction to Transmission lines, erection practices
60. Line patrolling and hot line maintenance works
61. Energy audit and energy conservation
62. Demand side management
63. Safety methods - fire / electrical
64. Accident prevention and first aid
65. Disaster management
66. Mind management

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**HYDRO TRAINING INSTITUTE, KUTHIRAI KAL MEDU (NEAR ERODE)**  
**PERIOD OF TRAINING : 3 WEEKS**

**TOPICS COVERED**

1. Overview of Training
2. Power scenario
3. Hydro station familiarization



4. Basic theory of electricity
5. Reservoirs, storage capacity, discharge
6. Generator-types, working principles
7. Gates - types, operation & maintenance
8. Turbine - basic concepts, classification
9. High head turbine
10. Visit to Kundah PH-III, IV (study of cascading system, PMG, self excitation, Mechanical governor, pr. Oil system etc.) and Bhavanisagar PHs (study of Induction - Generator, brush less excitation, semi Kaplan, Feeder system etc.)
11. Water conducting system (Tunnel, Surge shaft, Penstock)
12. Bearing and Lub.oil system
13. Excitation system
14. Battery system
15. Low, Medium head Turbines
16. Governor principles, functions, Mechanical governor
17. Dam, Fore bay, Drainage gallery
18. EH/Digital Governor
19. Grid operations
20. Governor settings
21. Switchyard equipments
22. Visit to Dam/Tunnel PHs, Mettur (Study of renovation work of Stator Turbine, Governing system, B/F valve etc.)
23. Visit to BPH-I&III (study of runoff river scheme, trash rack, Barrage gate static excitation system, Pr. Oil system)
24. Power Transformers, CT, PT, etc.
25. Generator protection
26. Starting/Shutdown & L.C. procedure
27. Earthing system
28. Visit to BKB-I, SLDC / Erode (Construction of generaor, Gates, constn. equipment, modifications in BKB-I and Grid management)
29. Visit to Kadamparai PH, Punachi PH (Main features of Kadamparai PH, pump mode operation, switchyard operation, types of Tunnels,
30. Rehabilitation of Kadamparai Dam, Compressors
31. O&M of civil structure
32. Station supply

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**THERMAL TRAINING INSTITUTE/NCTPS/VALLUR CAMP**  
**PERIOD OF TRAINING : 3 WEEKS**

(One week at NCTPS, One Week at MTPS and One Week at TTPS)

**TOPICS COVERED (MORNING SESSIONS)**

1. Generator Stator
2. Hydrogen Cooling System/Stator Water system.
3. Seal Oil system / Excitation system
4. Bus ducts overview / Generator Protection Different DC schemes in Power Station
5. Generator Operation & Synchronizing

6. Thermodynamic Cycles / Water wall Tubes Construction
  7. Boiler Mountins / Accessories
  8. Boiler Auxiliaries / Fans, Air-Pre heaters
  9. Air & Flue Gas Circuits / Feed Water Chemistry
  10. Boiler Safety Valves, Settings / Operation
  11. Boiler Emergencies/ Maintenance
  12. Turbine Construction / Types
  13. Turbine Auxiliaries / Seal Steam System
  14. HP / LP Bypass System
  15. Turbine Rolling Parameters / Synchronisation
  16. Feed Water System / Condensate System
  17. Turbine Interlocks / Turbine Governing system / Turbine Emergencies
- Site visit to relevant field in the evening sessions

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**ANNEXURE - III****Staff Training College, Chennai-2****Period of Training: 2 weeks (12 working days)****Estimate / Batch for Batch I, II, V & VI (25 Persons per Batch)**

SL.NO.	DESCRIPTION	AMOUNT
1	Honorarium for 18 Hours Guest lectures (Rs. 200 per Hour for Internal Faculty) (Rs. 200 * 18)	3,600.00
2	Honorarium for 40 Hours Guest lectures (Rs. 300 per Hour for External faculty) (Rs. 300 * 40)	12,000.00
3	Tea & snacks charges @ Rs. 15 (Morning & Evening) for (25 Trainees + 5 Faculties) for 12 working days (15 * 12 * 30)	5,400.00
4	Working Lunch @ Rs. 45/- for (25 Trainees + 5 Faculties) for 12 working days (45 * 12 * 30)	16,200.00
5	Course Material with workbook at Rs. 300/- including supply of CD with Pouch & label charges for 25 trainees	7,500.00
6	Folder, Writing pen, Scribbling pad, Identity Card @ Rs. 50/- for 25 trainees	1,250.00
7	Two Prizes 1st and 2nd Rs 100 & Rs. 75	175.00
8	Supply of 2 Nos Mineral water Cans per day @ Rs. 30/- can (2 x 30 x 12)	720.00
9	Chalk, transparency, marker pen, OHP Pen, etc.,	200.00
<b>Total</b>		<b>47,045.00</b>

Rs 47,045 \* 4 batches = Rs. 1,88,180.00

**Estimate / per Batch for Batch III & IV (25 Persons per Batch)**

SL.NO.	DESCRIPTION	AMOUNT
1	Honorarium for 18 Hours Guest lectures (Rs. 200 per Hour for Internal Faculty) (Rs. 200*18)	3,600.00
2	Honorarium for 40 Hours Guest lectures (Rs. 300 per Hour for External Faculty) (Rs. 300 * 40)	12,000.00
3	Tea & snacks charges @ Rs. 15 (Morning & Evening) for (25 Trainees + 5 Faculties) for 12 working days (15 * 12 * 30)	5,400.00
4	Working Lunch @ Rs. 45/- for (25 Trainees + 5 Faculties) for 12 working days (45 * 12 * 30)	16,200.00

16,200.00  
www.taneef.org



5	Course Material with workbook at Rs. 300/- including supply of CD with Pouch & label charges for 25 trainees	7,500.00
6	Folder, Writing pen, Scribbling pad, @ Rs. 40/- for 25 trainees	1,000.00
7	Two Prizes 1st and 2nd Rs 100 & Rs. 75	175.00
8	Supply of 2 Nos Mineral water Cans per day @ Rs. 30/- can (2 x 30 x 12)	720.00
9	Chalk, transparency, marker pen, OHP Pen, etc.,	200.00
<b>Total</b>		<b>46,795.00</b>
Rs 46,795 * 2 batches =		Rs. 93,590.00
Total (Rs 1,88,180 + Rs 93,590) =		Rs. 2,81,770.00

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**Thermal Training Institute, NCTPS****Period of Training: 3 weeks (1 week at NCTPS, 1 week at MTPS and 1 week at TTPS****Estimate / Per Batch for Batch I, II, III & IV at NCTPS****(Totally 2 Batches of 50 persons per batch for 1 week) (6 working days)**

SL.NO.	DESCRIPTION	AMOUNT
1	Honorarium for 18 Hours Guest lectures (Rs. 200 per Hour for Internal Faculty) (Rs. 200 * 18)	3,600.00
2	Tea & snacks charges @ Rs. 15 (Morning & Evening) for (50 Trainees + 5 Faculties) for 6 working days (15 * 6 * 55)	4,950.00
3	Working Lunch @ Rs. 45/- for (50 Trainees + 5 Faculties) for 6 working days (45 * 6 * 55)	14,850.00
4	Course Material with workbook at Rs. 200/- for 50 trainees	10,000.00
5	Folder, Writing pen, Scribbling pad, @ Rs. 40/- for 50 trainees	2,000.00
6	Supply of 4 Nos Mineral water Cans per day @ Rs. 30/- can for 6 days (4 x 30 x 6)	720.00
7	Chalk, transparency, marker pen, OHP Pen, etc.,	200.00
8	Vehicle hire charges for 6 days @ Rs 1,400	8,400.00
<b>Total</b>		<b>44,720.00</b>
Rs 44,720 * 2 =		Rs. 89,440.00

**Estimate/Per Batch for Batch V & VI NCTPS of 50 persons****(Totally one batch consisting of 50 persons for one week) (6 working days)**

SL.NO.	DESCRIPTION	AMOUNT
1	Honorarium for 18 Hours Guest lectures (Rs. 200 per Hour for Internal Faculty) (Rs. 200 * 18)	3,600.00
2	Tea & snacks charges @ Rs. 15 (Morning & Evening) for (50 Trainees + 5 Faculties) for 6 working days (15 * 6 * 55)	4,950.00
3	Working Lunch @ Rs. 45/- for (50 Trainees + 5 Faculties) for 6 working days (45 * 6 * 55)	14,850.00
4	Course Material with workbook at Rs. 200/- for 50 trainees	10,000.00
5	Folder, Writing pen, Scribbling pad, Identity Card / certificate @ Rs. 50/- for 50 trainees	2,500.00
6	Supply of 4 Nos Mineral water Cans per day @ Rs. 30/- can for 6 days (4 x 30 x 6)	720.00
7	Chalk, transparency, marker pen, OHP Pen, etc.,	200.00
8	Vehicle hire charges for 6 days @ Rs 1,400	8,400.00
<b>Total</b>		<b>45,220.00</b>

Rs 45,220 \* 1 = Rs. 45,220.00

Total (Rs 89,440 + Rs 45,220) = Rs. 1,34,660.00

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## (TTI/NCTPS)

Estimate / per Batch for Batch I to VI MTPS for Batch of 50 Persons  
(Totally 3 Batches at 50 Persons per batch for one week) (6 working days)

SL.NO.	DESCRIPTION	AMOUNT
1	Honorarium for 18 Hours Guest lectures (Rs. 200 per Hour for Internal Faculty) (Rs. 200 * 18)	3,600.00
2	Tea & snacks charges @ Rs. 15 (Morning & Evening) for (50 Trainees + 5 Faculties) for 6 working days (15 * 6 * 55)	4,950.00
3	Working Lunch @ Rs. 40/- for (50 Trainees + 5 Faculties) for 6 working days (40 * 6 * 55)	13,200.00
4	Supply of 4 Nos Mineral water Cans per day @ Rs. 30/- can for 6 days (4 x 30 x 6)	720.00
5	Chalk, transparency, marker pen, OHP Pen, etc.,	200.00
6	Vehicle hire charges for 6 days @ Rs 1,400	8,400.00
7	LCD hire charges @ Rs 1,000 per day for 6 days	6,000.00
<b>Total</b>		<b>37,070.00</b>

Rs 37,070 \* 3 = Rs. 1,11,210.00

## (TTI/NCTPS)

Estimate / per Batch for Batch I to VI TTPS for Batch of 50 Persons  
(Totally 3 Batches at 50 Persons per Batch for one week) (6 working days)

SL.NO.	DESCRIPTION	AMOUNT
1	Honorarium for 18 Hours Guest lectures (Rs. 200 per Hour for Internal Faculty) (Rs. 200 * 18)	3,600.00
2	Tea & snacks charges @ Rs. 15 (Morning & Evening) for (50 Trainees + 5 Faculties) for 6 working days (15 * 6 * 55)	4,950.00
3	Working Lunch @ Rs. 40/- for (50 Trainees + 5 Faculties) for 6 working days (40 * 6 * 55)	13,200.00
4	Supply of 4 Nos Mineral water Cans per day @ Rs. 30/- can for 6 days (4 x 30 x 6)	720.00
5	Chalk, transparency, marker pen, OHP Pen, etc.,	200.00
6	Vehicle hire charges for 6 days @ Rs 1,400	8,400.00
<b>Total</b>		<b>31,070.00</b>

Rs 31,070 \* 3 = Rs. 93,210.00

Total (Rs 1,34,660 + Rs 1,11,210 + Rs 93,210) = Rs. 3,39,080.00

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## Transmission &amp; Substation Training Institute, Madurai

Period of Training: 4 weeks (23 working days)

Estimate / per Batch for Batch I, II, V & VI (25 Persons per Batch)

SL.NO.	DESCRIPTION	AMOUNT
1	Honorarium for 60 Hours Guest lectures (Rs. 200 per Hour for Internal Faculty) (Rs. 200 * 60)	12,000.00
2	Honorarium for 30 Hours Guest lectures (Rs. 300 per Hour for External faculty) (Rs. 300 * 30)	9,000.00
3	Tea & snacks charges @ Rs. 15 (Morning & Evening) for (25 Trainees + 5 Faculties) for 23 working days (15 * 23 * 30)	10,350.00
4	Working Lunch @ Rs. 40/- for (25 Trainees + 5 Faculties) for 23 working days (45 * 23 * 30)	27,600.00



## (TTI/NCTPS)

Estimate / per Batch for Batch I to VI MTPS for Batch of 50 Persons  
(Totally 3 Batches at 50 Persons per batch for one week) (6 working days)

SL.NO.	DESCRIPTION	AMOUNT
1	Honorarium for 18 Hours Guest lectures (Rs. 200 per Hour for Internal Faculty) (Rs. 200 * 18)	3,600.00
2	Tea & snacks charges @ Rs. 15 (Morning & Evening) for (50 Trainees + 5 Faculties) for 6 working days (15 * 6 * 55)	4,950.00
3	Working Lunch @ Rs. 40/- for (50 Trainees + 5 Faculties) for 6 working days (40 * 6 * 55)	13,200.00
4	Supply of 4 Nos Mineral water Cans per day @ Rs. 30/- can for 6 days (4 x 30 x 6)	720.00
5	Chalk, transparency, marker pen, OHP Pen, etc.,	200.00
6	Vehicle hire charges for 6 days @ Rs 1,400	8,400.00
7	LCD hire charges @ Rs 1,000 per day for 6 days	6,000.00
<b>Total</b>		<b>37,070.00</b>

Rs 37,070 \* 3 = Rs. 1,11,210.00

## (TTI/NCTPS)

Estimate / per Batch for Batch I to VI TTPS for Batch of 50 Persons  
(Totally 3 Batches at 50 Persons per Batch for one week) (6 working days)

SL.NO.	DESCRIPTION	AMOUNT
1	Honorarium for 18 Hours Guest lectures (Rs. 200 per Hour for Internal Faculty) (Rs. 200 * 18)	3,600.00
2	Tea & snacks charges @ Rs. 15 (Morning & Evening) for (50 Trainees + 5 Faculties) for 6 working days (15 * 6 * 55)	4,950.00
3	Working Lunch @ Rs. 40/- for (50 Trainees + 5 Faculties) for 6 working days (40 * 6 * 55)	13,200.00
4	Supply of 4 Nos Mineral water Cans per day @ Rs. 30/- can for 6 days (4 x 30 x 6)	720.00
5	Chalk, transparency, marker pen, OHP Pen, etc.,	200.00
6	Vehicle hire charges for 6 days @ Rs 1,400	8,400.00
<b>Total</b>		<b>31,070.00</b>

Rs 31,070 \* 3 = Rs. 93,210.00

Total (Rs 1,34,660 + Rs 1,11,210 + Rs 93,210) = Rs. 3,39,080.00

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Transmission & Substation Training Institute, Madurai

Period of Training: 4 weeks (23 working days)

Estimate / per Batch for Batch I, II, V & VI (25 Persons per Batch)

SL.NO.	DESCRIPTION	AMOUNT
1	Honorarium for 60 Hours Guest lectures (Rs. 200 per Hour for Internal Faculty) (Rs. 200 * 60)	12,000.00
2	Honorarium for 30 Hours Guest lectures (Rs. 300 per Hour for External faculty) (Rs.300 * 30)	9,000.00
3	Tea & snacks charges @ Rs. 15 (Morning & Evening) for (25 Trainees + 5 Faculties) for 23 working days (15 * 23 * 30)	10,350.00
4	Working Lunch @ Rs. 40/- for (25 Trainees + 5 Faculties) for 23 working days (45 * 23 * 30)	27,600.00



5	Course Material with workbook at Rs. 300/- including supply of CD with Pouch & label charges for 25 trainees + 2 spares	8,100.00
6	Folder, Writing pen, Scribbling pad, Identity Card / certificates @ Rs. 50/- for 25 trainees	1,250.00
7	Two Prizes 1st and 2nd Rs 100 & Rs. 75	175.00
8	Supply of 2 Nos Mineral water Cans per day @ Rs. 30/- can (2 x 30 x 23)	1,380.00
9	Chalk, transparency, marker pen, OHP Pen, etc.,	200.00
10	Fire fighting equipment refill charges (Rs 600) & Bentonite powder, asbestos rope, tape (Rs 300)	900.00

**Total** **70,955.00**

Rs 70,955 \* 4 batches = Rs 2,83,820.00

**Estimate / Batch for Batch III & IV (25 Persons per Batch)**

SL.NO.	DESCRIPTION	AMOUNT
1	Honorarium for 60 Hours Guest lectures (Rs. 200 per Hour for Internal Faculty) (Rs. 200 * 60)	12,000.00
2	Honorarium for 30 Hours Guest lectures (Rs. 300 per Hour for External faculty) (Rs.300 * 30)	9,000.00
3	Tea & snacks charges @ Rs. 15 (Morning & Evening) for (25 Trainees + 5 Faculties) for 23 working days (15 * 23 * 30)	10,350.00
4	Working Lunch @ Rs. 40/- for (25 Trainees + 5 Faculties) for 23 working days (45 * 23 * 30)	27,600.00
5	Course Material with workbook at Rs. 300/- including supply of CD with Pouch & label charges for 25 trainees + 2 spares	8,100.00
6	Folder, Writing pen, Scribbling pad, @ Rs. 40/- for 25 trainees	1,000.00
7	Two Prizes 1st and 2nd Rs 100 & Rs. 75	175.00
8	Supply of 2 Nos Mineral water Cans per day @ Rs. 30/- can (2 x 30 x 23)	1,380.00
9	Chalk, transparency, marker pen, OHP Pen, etc.,	200.00
10	Fire fighting equipment refill charges (Rs 600) & Bentonite powder, asbestos rope, tape (Rs 300)	900.00
<b>Total</b>		<b>70,705.00</b>

Rs 70,705 \* 2 batches = Rs 1,41,410.00

Total (Rs 2,83,820 + Rs 1,41,410) = Rs. 4,25,230.00

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**Hydro Training Institute, Kuthiraikalmedu (Near Erode)**

**Period of Training : 3 weeks (18 working Days)**

**Estimate for training to Newly recruited AE for a Batch of 25 Persons**

**Estimate / Batch for Batch I, II, V & VI**

SL.NO.	DESCRIPTION	AMOUNT
1	Honorarium for 24 Hours Guest lectures (Rs. 200 per Hour for Internal Faculty) (Rs. 200 * 24)	4,800.00
2	Honorarium for 15 Hours Guest lectures (Rs. 300 per Hour for External faculty) (Rs.300 * 15)	4,500.00
3	Tea & snacks charges @ Rs. 15 (Morning & Evening) for (25 Trainees + 5 Faculties) for 18 working days (15 * 18 * 30)	8,100.00
4	Working Lunch @ Rs. 40/- for (25 Trainees + 5 Faculties) for 18 working days (40 * 18 * 30)	21,600.00



5	Course Material with workbook, writeup, learning sequence at Rs. 300/- for 25 trainees + 2 spares	8,100.00
6	Folder, Writing pen, Scribbling pad, @ Rs. 40/- for 25 trainees	1,000.00
7	Two Prizes 1st and 2nd Rs 100 & Rs. 75	175.00
8	Supply of 2 Nos Mineral water Cans per day @ Rs. 30/- can (2 x 30 x 18)	1,080.00
9	Chalk, transparency, marker pen, OHP Pen, etc.,	200.00
10	Vehicle hire charges for 9 days with 2 vehicles (1 vehicle hire charges per day = Rs 1650)	29,700.00
<b>Total</b>		<b>79,255.00</b>

Rs 79,255 \* 4 batches = Rs. 3,17,020.00

**Estimate / per Batch for Batch III & IV of 25 Persons**

SL.NO.	DESCRIPTION	AMOUNT
1	Honorarium for 24 Hours Guest lectures (Rs. 200 per Hour for Internal Faculty) (Rs. 200 * 24)	4,800.00
2	Honorarium for 15 Hours Guest lectures (Rs. 300 per Hour for External faculty) (Rs.300 * 15)	4,500.00
3	Tea & snacks charges @ Rs. 15 (Morning & Evening) for (25 Trainees + 5 Faculties) for 18 working days (15 * 18 * 30)	8,100.00
4	Working Lunch @ Rs. 40/- for (25 Trainees + 5 Faculties) for 18 working days (40 * 18 * 30)	21,600.00
5	Course Material with workbook, writeup, learning sequence at Rs. 300/- for 25 trainees + 2 spares	8,100.00
6	Folder, Writing pen, Scribbling pad, Identity Card @ Rs. 50/- for 25 trainees	1,250.00
7	Two Prizes 1st and 2nd Rs 100 & Rs. 75	175.00
8	Supply of 2 Nos Mineral water Cans per day @ Rs. 30/- can (2 x 30 x 18)	1,080.00
9	Chalk, transparency, marker pen, OHP Pen, etc.,	200.00
10	Vehicle hire charges for 9 days with 2 vehicles (1 vehicle hire charges per day = Rs 1650)	29,700.00
<b>Total</b>		<b>79,505.00</b>
Rs 79,505 * 2 batches =		Rs. 1,59,010.00
Total 3,17,020 + 1,59,010=		Rs. 4, 76,030.00

/ True copy /

**TOTAL EXPENDITURE FOR CONDUCTING INDUCTION TRAINING TO NEWLY RECRUITED ASSISTANT ENGINEERS, ELECTRICAL (300 NOS.)**

Staff Training College, Chennai	=	Rs. 2,81,770.00
Thermal Training Institute, NCTPS	=	Rs. 3,39,080.00
Transmission and Substation Training Institute, Madurai	=	Rs. 4,25,230.00
Hydro Training Institute, Kuthiraikalmedu (Near Erode)	=	Rs. 4,76,030.00
Total	=	Rs. 15,22,110.00
For 6 Batches (150 trainees)	=	Rs. 15,22,110.00
For 12 batches (150*2=300 trainees)	=	Rs. 15,22,110*2
	=	Rs. 30,44,220.00
Total Expenditure for 300 trainees	=	Rs. 30,44,220.00

(Rupees Thirty Lakhs, Forty Four Thousand, Two Hyndred and Twenty only)

/ True copy /

\* \* \*



Letter No. 16993/A18/A182/2006-1, (Secretariat Branch) dt. 18.3.2006.

Sub : Leave Benefits - Earned Leave - Facility of encashment of Earned Leave for 15 days - Restored - Copy of Government Order - Communicated.

Ref : From the Government, G.O.Ms.No. 19 Personnel and Administrative Reforms (FR-III) Department dated 23.2.2006.

I am to enclose a copy of the Government Order cited for restoration of the facility of Encashment of Earned Leave for 15 days in a year applicable to the Government employees for information and necessary action.

2. Receipt of this letter may be acknowledged.

G. Ramamurthy,  
Secretary.

Copy of

GOVERNMENT OF TAMIL NADU  
(ABSTRACT)

Leave Benefits - Earned Leave - Facility of encashment of Earned Leave for 15 days - Restored - Orders - Issued.

G.O.Ms.No. 19 (Personnel and Administrative Reforms (FR.III) Department) Dated 23.02.2006

Read:

1. G.O.Ms.No. 1089, P&AR (FR II) Dept. dt. 01.11.1980.
2. G.O.Ms.No. 211, P&AR (FR.III) Dept. dt. 28.11.2001.
3. G.O.Ms.No. 138, P&AR (FR.III) Dept. dt. 22.11.2002.
4. G.O.Ms.No. 351, P&AR (FR.III) Dept. dt. 21.10.2004.

**Order:**

In the Government Order first read above, orders were issued regulating the scheme of surrender of Earned Leave for 15 days every year/30 days every two years while on duty and also while on any kind of leave (except Extra-ordinary Leave without allowances). In the Government Order second read above orders were issued suspending the facility of surrender of Earned Leave for encashment for a period of one year with effect from 28.11.01. Subsequently, in the Government Order third read above, the suspension of facility of surrender of Earned Leave for encashment has been extended until further orders. In the Government Order fourth read above, orders were issued restoring the facility of surrender of Earned Leave for encashment for 7 days in a year as per the regular annual cycle.

2. The Government Employees and Teachers Union/Associations have represented to the Hon'ble Chief Minister to consider restoration of the facility of surrender of Earned Leave for 15 days per year in lieu of cash. Though the facility of encashment of leave does not exist in the Government of India and in most of the States, Hon'ble Chief Minister had announced during the Tamil Nadu Government Officials Union and Government Servants and Teachers Associations General Conference held on 8.2.2006 that the surrender leave facility for 15 days in a year in lieu of cash, be restored immediately.

3. Accordingly, Government direct that the facility of surrender of Earned Leave for 15 days per year in lieu of cash by Government Servants and Teachers be restored with effect from 8.2.2006. The Government Employees and Teachers are permitted to surrender 15 days of Earned Leave in a year in lieu of cash at their credit as per the regular annual cycle, with effect from 8.2.2006.

(By Order of the Governor)

N. Narayanan  
Chief Secretary to Government.

/True Copy/

\* \* \*



குறிப்பானை எண்.13540/அ.32/அ.322/2006-1, (கணக்குப் பிரிவு), நாள் : 20.3.2006.

பொருள் : தமிழ்நாடு மின்சார வாரியம் - மார்க் 2006 மாதத்திற்கான சம்பள பட்டுவாடா - 3.4.2006 அன்று வழங்கிட ஆணை பிறப்பிக்கப்படுகின்றது.

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இந்த ஆண்டு 1.4.2006 அன்று வங்கி விடுமுறையாக (வங்கி ஆண்டுக் கணக்குகள் முடிவு) இருப்பதாலும், மேலும் 2.4.2006 அன்று ஞாயிற்றுக் கிழமை பொது விடுமுறையானதாலும் அனைத்துப் பிரிவு மின் வாரிய ஊழியர்களுக்கும் மார்க் 2006 மாதத்திற்கான சம்பள பட்டுவாடா 3.4.2006 அன்று செய்யப்பட்டு வேண்டும் என ஆணை பிறப்பிக்கப்படுகின்றது.

(மின் வாரிய தலைவர் ஆணைப்படி)

ஜி. ராமமூர்த்தி,  
செயலர்.

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FLYASH MANAGEMENT - NATIONAL AWARD FOR MAXIMUM ASH UTILIZATION - JOINTLY AWARDED BY MINISTRY OF POWER, MINISTRY OF ENVIRONMENT & FORESTS AND DEPARTMENT OF SCIENCE AND TECHNOLOGY, GOVERNMENT OF INDIA TO METTUR THERMAL POWER STATION ON 4<sup>TH</sup> DECEMBER 2005 AT NEW DELHI - INCENTIVE AND COMMENDATION CERTIFICATE TO THE OFFICERS AND STAFFS CONCERNED - APPROVAL ACCORDED.

Per B.P. (CH) No.132,

(Technical Branch)

Dated : 22.3.2006.

Panguni 8, Parthiba Aandu,  
Thiruvalluvar Aandu - 2037.

Read :

Chief Engineer / Civil Designs / Chennai - 2, note dated 13.3.2006.

#### Proceedings:

Approval is hereby accorded to give a cash award of Rs.2000/- each with Commendation Certificate to the following Engineers and Staffs of Head Quarters and Mettur Thermal Power Station, towards the achievement of National Award for maximum Ash utilization, jointly awarded by Ministry of Power, Ministry of Environment & Forests and Department of Science and Technology, Government of India to Mettur Thermal Power Station on 4<sup>th</sup> December 2005, at New Delhi.

- |  |  |
|--|--|
| 1. Er. K.G. Natesan, M.E., F.I.E.,     | Chief Engineer / Civil Designs, Chennai. |
| 2. Er. N.S. Srinivasan, B.E.,          | Chief Engineer / Mettur T.P.S.           |
| 3. Er. P. Vairamani, B.E.,             | SE / Mech. II / Mettur T.P.S.            |
| 4. Er. R.A. Adithan, M.E., M.I.E.,     | EE / Mech. / Mettur T.P.S.               |
| 5. Er. S.K.S. Chandra, B.E., M.B.A.,   | AEE / Fly Ash Management / H.Q.          |
| 6. Er. M. Soundararajan, B.E., M.I.E., | AEE / Mech. / Mettur T.P.S.              |
| 7. Er. S. Balaji                       | JE / Mech. / Mettur T.P.S.               |
| 8. Thiru P. Saravanan                  | Technical Assistant / Elec. / MTPS       |
| 9. Thiru R. Monohar                    | SDM / H.Q.                               |
| 10. Thiru G. Paul Raj                  | Helper / MTPS                            |
| 11. Thiru K. Manickam                  | Helper / MTPS                            |
| 12. Thiru R. Ranganathan               | Helper / MTPS                            |
| 13. Thiru K. Jeyaraman                 | Helper / MTPS                            |
| 14. Thiru M. Chandran                  | Helper / MTPS                            |
| 15. Thiru M. Manickam                  | Helper / MTPS                            |
| 16. Thiru V. Nallathambi               | Helper / MTPS                            |

(By Order of the Chairman)

K.G. Natesan,  
Chief Engineer/Civil Designs.

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Hired Vehicles - Enhancement of monthly ceiling limit fixed for the diesel driven Car/Van/Jeep - Orders - Issued.

(Per) B.P. (Ch) No. 133

(Technical Branch)

Dated : 22.3.2006.  
Panguni 8, Parthiba Aandu,  
Thiruvalluvar Aandu 2037.

Read:

Ref: Extract of the Minutes of the 1015 th meeting of the Tender Committee held on 20.3.2006 under Item No. 8951.

**Proceedings:**

Approval is hereby accorded for the following:

1. Enhancement of monthly ceiling limit fixed on the hire charges for the diesel driven Car for the official use of Chief Engineers and Superintending Engineers from Rs. 15,000/- to Rs. 20,000/- per month per Car.
2. Enhancement of monthly ceiling limit fixed on the hire charges for the diesel driven Van/Jeep for the official use of TNEB officers, from Rs. 17,000/- to Rs. 22,000/- per month per Van/Jeep.

(By Order of the BLTC)

V. Dorairaj,  
Chief Engineer/Materials Management.

\* \* \*

Training & Development - 3 months (12 weeks) Induction Training to newly recruited Assistant Engineers/ Mechanical - Proposal submitted - Approval Accorded - Regarding.

(Permanent) B.P. (Ch) No. 134

(Technical Branch)

Dated the 22.3.2006.  
Panguni 8, Parthiba Aandu,  
Thiruvalluvar Aandu 2037.

Read:

- 1) Per. B.P. (FB) No. 22 (Administrative Branch) dt. 01.08.2005.
- 2) Chairman's approval dt 20.3.06 on the N.F.No.01273/DTD/N21/N211/2006

**Proceedings:**

Approval has been accorded for recruitment of 300 candidates for the post of Assistant Engineer/ Electrical and 25 candidates for the post of Assistant Engineer/Mechanical vide Per B.P. (FB) No. 22 (Administrative Branch) dt. 1.8.2005.

2. The newly recruited Assistant Engineers and posted as Assistant Engineer/Mechanical are to be imparted 3 months (12 weeks) Induction Training at the 3 Training Institutes of the Board, as indicated below on Technical as well as Non - Technical subjects like Administration, Terms & Conditions of supply, Consumer Satisfaction, Grievance Handling, Public Relation Management, Rules & Regulation, D.P., Trade Unions, Drafting, Finance & Accounting, Computerisation, etc., The syllabus has also been designed in that line and to suit to the requirement of newly joining Engineers, so that on taking charge as Assistant Engineers they will have a good knowledge of various rules and regulations of the Board and optimize their performance.



Sl.No.	Name of the Institute	Period	Topics
1.	Staff Training College, Chennai - 2,	2 weeks	Management
2.	Thermal Training Institute Vallur Camp, NCTPS, Chennai-120	7 weeks	Thermal Generation.
3.	Hydro Training Institute, Kuthiraikalmedu (Near Erode)	3 weeks	Hydro Generation
Total Period of Training		<u>12 weeks</u>	

3. The Director/Training & Development has evolved a proposal to impart Induction Training to the 25 newly recruited Engineers posted as Assistant Engineer/Mechanical on Technical as well as Non - Technical subjects for a period of 3 months (12 weeks), under the co-ordination, guidance and control of the 3 Deputy Directors at Chennai, NCTPS, and Kuthiraikalmedu (Near Erode). The newly recruited Assistant Engineers will undergo training on both technical subjects and non technical subjects for 12 weeks (71 working days) @ 6 hours per day at all the 3 training Institutes on "Management & Generation" (Thermal / Hydro / Gas etc.) at an expenditure of Rs. 3,33,945/- (Rupees Three Lakhs, Thirty Three Thousand Nine hundred and Forty Five only) as indicated in the Annexure II.

4. After careful consideration, approval is hereby accorded for imparting Induction Training to the 25 newly recruited Assistant Engineer/Mechanical on Technical as well as Non - Technical subjects for a period of 3 months (12 weeks) at an expenditure of Rs. 3,33,945/- (Rupees Three Lakhs, Thirty Three Thousand, Nine Hundred and Forty Five only) as indicated in the Annexure II, under the co-ordination, guidance and control of the 3 Deputy Directors at Chennai, NCTPS, and Kuthiraikalmedu (Near Erode). The newly recruited Assistant Engineers will undergo training on both technical subjects and non technical subjects for 12 weeks (71 working days) @ 6 hours per day at all the 3 training Institutes on "Management Transmission, Generation" (Thermal / Hydro / Gas etc.) as indicated in the Annexure - I & II.

5. The Staff Training College, Chennai, Hydro Training Institute, Kuthiraikalmedu, and Thermal Training Institute, NCTPS, Chennai will be imparting training and the trainees completing training at one Institute will go to the next Training Institute. Thus, in one cycle, the trainees will be imparted training at all the 3 Institutes.

6. The expenditure to be incurred, Institution wise for imparting the above training is enclosed in the Annexure II.

7. (i) The Personal Assistant/Unit II/Tech.Branch/Chennai is authorized to arrange to make payment to Deputy Director/Staff Training College, Chennai by opening a temporary advance in the name of an officer nominated by the Deputy Director/STC as and when claimed.

(ii) The Superintending Engineer/P&A/NCTPS, Chennai-120 is authorized to arrange to make payment to Deputy Director/Thermal training Institute by opening a temporary advance in the name of an Officer nominated by the Deputy Director/Thermal Training Institute, Vallur Camp as and when claimed.

(iii) The Superintending Engineer/Generation/Erode is authorized to arrange to make payment to Deputy Director/Hydro Training Institute, Kuthiraikalmedu by opening a temporary advance in the name of an Officer nominated by the Deputy Director/Hydro Training Institute, Kuthiraikalmedu as and when claimed.

8. The expenditure is debitable to TNEB - Funds - revenue expenses - Training expenses - A/c No. 76.154 - Training to Board's Personnel.

(By Order of the Chairman)

Encl: Annexure I & II

A. Lionel Paul Sathiadurai,  
Chief Engineer/Personnel.



**TRAINING PROGRAMME FOR NEWLY RECRUITED ASSISTANT ENGINEER/MECHANICAL  
THERMAL TRAINING INSTITUTE, NCTPS**

**TOPICS****AT MTPS**

Overview of TNEB/Thermodynamic Cycles  
Boiler Construction/Mountings/Accessories  
Boiler Auxiliaries/Fans, Air-preheaters, ID, FD&PA  
Air & Flue Gas Circuits/Schemes/Water Chemistry  
Boiler Safety Valves & Settings/Water Chemistry  
Soot Blowers/ESP/Ash Handling

**AT TTPS**

Fuel System/Coal & Oil/Mill Plants  
Boiler Operations (including Startup and Shutdown)  
Turbine Construction details/Types  
Turbine Auxiliaries (ACW, ASWB, CWP,  
Heat exchangers, HP/LP Heater)  
HP/LP Bypass system/Oil System  
(MOT, EOP, JOP, AOP, Barring gear seal steam system)  
Turbine rolling/Parameters/Synchronization

**AT TTI/NCTPS**

Feed water System/Condensate system  
C&I/FSSS/MMI overview  
EAST/ATRS  
TDS 3000/Pneumatic Systems  
Power Plant Electrical Layout in Thermal Station  
Motors in Power Plant

**AT BBGTPS**

Generator Construction details  
Excitation System/Capability curve  
Seal Oil system/Hydrogen Cooling System  
GT/UAT-All Transformers  
Switchyard/Batteries/Protection  
Gas Turbine

**STAFF TRAINING COLLEGE/CHENNAI-2**

Period of Training : 2 Weeks

**Management Topics Covered**

1. Organisational Structure
2. Financial Scenario in TNEB
3. Motivation
4. Communication Skills
5. Interpersonal Relationship



6. Team Building
7. Stress Management
8. Time Management
9. Customer Relationship Management
10. Problem Solving
11. Decision Making
12. Goal setting
13. HRD in Organisation
14. Assertiveness
15. Attitudinal Changes
16. Conservation of Energy - Environmental Issues
17. Safety Management
18. Demand Side Management
19. Elevated Vision
20. Computerisation in TNEB
21. Usage of Internet
22. Total Quality Management
23. Court Procedures
24. Electricity Act 2003
25. D P. Procedures
26. Tender Regulations
27. Quality of Life
28. Quality of work Life
29. Financial Planning for Young Professionals
30. Conflict Management
31. Change Management
32. Morale Development
33. Customer Ecstasy
34. Holistic HRD
35. Leadership Styles
36. Managerial Effectiveness in Organisation
37. Quality in Materials
38. Emotional Balance
39. Leadership Quality
40. Situational Leadership
41. Behaviour Modification
42. Positive Enlightening Climate in the Organisation
43. Empowerment in the Organisation
44. Pre Training Exercise
45. Post Training Exercise

Field Visits:

1. Visit to LD Centre/SCADA
2. Visit to Call Centre

HYDRO TRAINING INSTITUTE, KUTHIRAI KAL MEDU (NEAR ERODE) PERIOD OF TRAINING : 3 WEEKS

TOPICS COVERED

1. Overview of Training
2. Power scenario
3. Hydro station familiarization
4. Basic theory of electricity
5. Reservoirs, storage capacity, discharge
6. Generator-types, working principles
7. Gates - types, operation & maintenance.
8. Turbine - basic concepts, classification
9. High head turbine
10. Visit to Kundah PH-III, IV (study of cascading system, PMG, self excitation, Mechanical governor, pr. Oil system etc.) and Bhavanisagar PHs (study of Induction-Generator, brush less excitation, semi Kaplan, Feeder system etc.)
11. Water conducting system (Tunnel, Surge shaft, Penstock)
12. Bearing and Lub.oil system
13. Excitation system
14. Battery system
15. Low, Medium head Turbines
16. Governor principles, functions, Mechanical governor
17. Dam, Fore bay, Drainage gallery
18. EH/Digital Governor
19. Grid operations
20. Governor settings
21. Switchyard equipment
22. Visit to Dam/Tunnel PHs, Mettur (Study of renovation work of Stator Turbine, Governing system, B/F valve etc.)
23. Visit to BPH-I&III (study of runoff river scheme, trash rack, Barrage gate static excitation system, Pr. Oil system)
24. Power Transformers, CT, PT, etc.
25. Generator protection
26. Starting/Shutdown & L.C. procedure
27. Earthing system
28. Visit to BKB-I, SLDC / Erode (Construction of generator, Gates, constn. equipment, modifications in BKB-I and Grid management.
29. Visit to Kadamparai PH, Punachi PH (Main feature of Kadamparai PH, Pump mode operation, switchyard operation, types of Tunnels,
30. Rehabilitation of Kadamparai Dam, Compressors
31. O&M of civil structure
32. Station supply

/ True copy /



## ANNEXURE - II

## STAFF TRAINING COLLEGE/CHENNAI-2

Period of Training : 2 weeks (12 working days)

Estimate / Per Batch (25 Persons)

SL.NO.	DESCRIPTION	AMOUNT
1	Honorarium for 18 Hours Guest lectures (Rs. 200 per Hour for Internal Faculty) (Rs. 200 * 18)	3,600.00
2	Honorarium for 40 Hours Guest lectures (Rs. 300 per Hour for External faculty) (Rs.300 * 40)	12,000.00
3	Tea & snacks charges @ Rs. 15 (Morning & Evening) for (25 Trainees + 5 Faculties) for 12 working days (15 * 12 * 30)	5,400.00
4	Working Lunch @ Rs. 45/- for (25 Trainees + 5 Faculties) for 12 working days (45 * 12 * 30)	16,200.00
5	Course Material with workbook at Rs. 300/- including supply of CD with Pouch & label charges for 25 trainees	7,500.00
6	Folder, Writing pen, Scribbling pad, Identity Card @ Rs. 40/- for 25 trainees	1,000.00
7	Two Prizes 1st and 2nd Rs 100 & Rs. 75	175.00
8	Supply of 2 Nos Mineral water Cans per day @ Rs. 30/- can (2 x 30 x 12)	720.00
9	Chalk, transparency, marker pen, OHP Pen, etc.,	200.00
<b>Total</b>		<b>46,795.00</b>

/ True copy /

## THERMAL TRAINING INSTITUTE NCTPS

Period of Training : 7 weeks

(2 weeks at NCTPS, 2 weeks at MTPS, 2 weeks at TTPS &amp; 1 week at BBGTPS)

Estimate / per Batch (25 Persons) at NCTPS (2 weeks) (12 working days)

SL.NO.	DESCRIPTION	AMOUNT
1	Honorarium for 26 Hours Guest lectures (Rs. 200 per Hour for Internal Faculty) (Rs. 200*26) and 10 hours Guest Lectures (Rs. 300 per hour for ext faculty (Rs. 300 x 10)	8,200.00
2	Tea & snacks charges @ Rs. 15 (Morning & Evening) for (25 Trainees + 5 Faculties) for 12 working days (15 * 12 * 30)	5,400.00
3	Working Lunch @ Rs. 45/- for (25 Trainees + 5 Faculties) for 12 working days (45 * 12 * 30)	16,200.00
4	Course Material with workbook at Rs. 200/- for 25 trainees	5,000.00
5	Folder, Writing pen, Scribbling pad & ID card @ Rs. 50/- for 25 trainees	1,250.00
6	Supply of 2 Nos Mineral water Cans per day @ Rs. 30/- can for 12 days (2 x 30 x 12)	720.00
7	Chalk, transparency, marker pen, OHP Pen, etc.,	200.00
8	Vehicle hire charges for 12 days @ Rs 1,400	16,800.00
9	LCD charges for 12 days @ Rs. 1000	12,000.00
10	Two prizes 1st and 2nd at Rs. 100 and Rs. 75	175.00
<b>Total</b>		<b>65,945.00</b>



**TTI Estimate / Per Batch (25 persons) at MTPS  
(2 weeks) (12 working days)**

SL.NO.	DESCRIPTION	AMOUNT
1	Honorarium for 36 Hours Guest lectures (Rs. 200 per Hour for Internal Faculty) (Rs. 200*26)	7,200.00
2	Tea & snacks charges @ Rs. 15 (Morning & Evening) for (25 Trainees + 5 Faculties) for 12 working days (15 * 12 * 30)	5,400.00
3	Working Lunch @ Rs. 40/- for (25 Trainees + 5 Faculties) for 12 working days (40 * 12 * 30)	14,400.00
4	Course Material with workbook at Rs. 200/- for 25 trainees	5,000.00
5	Supply of 2 Nos Mineral water Cans per day @ Rs. 30/- can for 12 days (2 x 30 x 12)	720.00
6	Chalk, transparency, marker pen, OHP Pen, etc.,	200.00
7	Vehicle hire charges for 12 days @ Rs 1,400	16,800.00
8	LCD hire charges @ Rs 1,000 per day for 12 days	12,000.00
<b>Total</b>		<b>61,720.00</b>

**TTI Estimate / Per Batch (25 persons) at TTPS  
(2 weeks) (12 working days)**

SL.NO.	DESCRIPTION	AMOUNT
1	Honorarium for 36 Hours Guest lectures (Rs. 200 per Hour for Internal Faculty) (Rs. 200*26)	7,200.00
2	Tea & snacks charges @ Rs. 15 (Morning & Evening) for (25 Trainees + 5 Faculties) for 12 working days (15 * 12 * 30)	5,400.00
3	Working Lunch @ Rs. 40/- for (25 Trainees + 5 Faculties) for 12 working days (40 * 12 * 30)	14,400.00
4	Course Material with workbook at Rs. 200/- for 25 trainees	5,000.00
5	Supply of 2 Nos Mineral water Cans per day @ Rs. 30/- can for 12 days (2 x 30 x 12)	720.00
6	Chalk, transparency, marker pen, OHP Pen, etc.,	200.00
7	Vehicle hire charges for 12 days @ Rs 1,400	16,800.00
<b>Total</b>		<b>49,720.00</b>

**TTI Estimate / Per Batch (25 persons) at BBGTPS  
(1 week) (6 working days)**

SL.NO.	DESCRIPTION	AMOUNT
1	Honorarium for 9 Hours Guest lectures (Rs. 200 per Hour for Internal Faculty) (Rs. 200x9) and 9 hours Guest Lectures (Rs. 300 per Hour for External Faculty) (Rs. 300 *9)	4,500.00
2	Tea & snacks charges @ Rs. 15 (Morning & Evening) for (25 Trainees + 5 Faculties) for 6 working days (15 * 6 * 30)	2,700.00
3	Working Lunch @ Rs. 45/- for (25 Trainees + 5 Faculties) for 6 working days (45 * 12 * 6)	8,100.00
4	Supply of 2 Nos Mineral water Cans per day @ Rs. 30/- can for 6 days (2 x 30 x 6)	360.00
5	Chalk, transparency, marker pen, OHP Pen, etc.,	200.00
6	Vehicle hire charges for 6 days @ Rs 1,400	8,400.00
7	LCD charges for 6 days @ Rs 1,000	6,000.00
<b>Total</b>		<b>26,260.00</b>



## Expenditure at Thermal Training Institute, NCTPS

at NCTPS	-	Rs. 65,945.00
at MTPS	-	Rs. 61,720.00
at TTPS	-	Rs. 49,720.00
at BBTGTPS	-	Rs. 30,260.00
Sub-total		<u>Rs. 2,07,645.00</u>

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## Hydro Training Institute, Kuthiraikalmedu (Near Erode)

Period of Training : 3 weeks (18 working Days)

Estimate / per Batch (25 Persons)

SL.NO.	DESCRIPTION	AMOUNT
1	Honorarium for 24 Hours Guest lectures (Rs. 200 per Hour for Internal Faculty) (Rs. 200*24)	4,800.00
2	Honorarium for 15 Hours Guest lectures (Rs. 300 per Hour for External Faculty) (Rs. 300 * 15)	4,500.00
3	Tea & snacks charges @ Rs. 15 (Morning & Evening) for (25 Trainees + 5 Faculties) for 18 working days (15 * 18 * 30)	8,100.00
4	Working Lunch @ Rs. 40/- for (25 Trainees + 5 Faculties) for 18 working days (45 * 18 * 30)	21,600.00
5	Course Material with workbook, write up, learning sequence at Rs. 300/- for 25 trainees + 2 spares	8,100.00
6	Folder, Writing pen, Scribbling pad @ Rs. 50/- for 25 trainees	1,250.00
7	Two prizes 1st and 2nd at Rs. 100 and Rs. 75	175.00
8	Supply of 2 Nos Mineral water Cans per day @ Rs. 30/- can (2 x 30 x 18)	1080.00
9	Chalk, transparency, marker pen, OHP Pen, etc.,	200.00
10	Vehicle hire charges for 9 days with 2 vehicles (1 vehicle hire charges per day = Rs 1650)	29,700.00
<b>Total</b>		<b>79,505.00</b>

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## ABSTRACT

## TOTAL EXPENDITURE FOR CONDUCTING INDUCTION TRAINING TO NEWLY RECRUITED ASSISTANT ENGINEERS / MECHANICAL (25 NOS.)

Staff Training College, Chennai - 2 (2 weeks)	Rs. 46,795.00
Thermal Training Institute, NCTPS (7 weeks)	Rs. 2,07,645.00
Hydro Training Institute, Kuthiraikalmedu (Near Erode) (3 weeks)	Rs. 79,505.00
<b>Total</b>	<b><u>Rs. 3,33,945.00</u></b>

(Rupees Three Lakhs, Thirty Three Thousand, Nine Hundred and Forty Five Only)

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\* \* \*

Holidays - Tamil Nadu Electricity Board - Holidays for employees of Tamil Nadu Electricity Board for the month of April, 2006 - Orders - Issued.

(Per) B.P. (Ch) No.52

(Secretariat Branch)

Dated the 29th March 2006.  
Panguni 15, Parthiba Aandu,  
Thiruvalluvar Aandu 2037.

Read:

- i) G.O.Ms.No. 1193, Public (Misc) Department, dated 12.12.2005.
- ii) Bd's Lr.No. 102635/A9/A92/2005-1, dated 21.12.2005.
- iii) (Per) B.P. (Ch) No. 264, (SB) dt. 21.12.05.
- iv) (Per) B.P. (Ch) No. 16, (SB) dt. 25.1.2006.
- v) (Rt) B.P. (Ch) No. 14, (SB) dt. 4.2.2006.
- vi) (Per) B.P. (Ch) No. 37 (SB) dt. 25.2.2006.

**Proceedings:**

The Tamil Nadu Electricity Board directs that the employees of the Board in time scale of pay be granted holiday for the month of April, 2006 as indicated below subject to the out come of the labour dispute raised by the Unions against the adoption of the orders of Government:-

Tuesday the 11th April 2006 : Mahaveer Jayanthi & Meelad-un-Nabi

Friday the 14th April 2006 : Tamil New Year's Day, Good Friday &  
Birthday of Dr. B.R. Ambedkar.

(By Order of the Chairman)

G. Ramamurthy,  
Secretary.

\* \* \*



# FINANCE

## PART – III

Tamil Nadu Electricity Board - Filing of Income-tax returns to the Income-tax authorities - Complying with the provisions of Section 44AB of Income-tax Act 1961 for the year 2004-05 - Regarding.

(Permanent) B.P. (FB) No.6,

(Accounts Branch)

Dated : 1.3.2006.

Maasi 17, Parthiba Aandu,  
Thiruvalluvar Aandu - 2037.

### Proceedings:

The Tamil Nadu Electricity Board has passed the following resolution on 27.2.2006 in the 890th meeting vide item No.32.

### RESOLUTION

"Resolved that M/s. Brahmayya & Company (Chartered Accountants) be and are hereby appointed as Tax Auditors of the Board for conducting Tax Audit and Certification under Section 44AB of the Income-tax Act, 1961 for the financial year 2004-2005 for a fee of Rs.4,00,000/- (Rupees Four lakhs only) plus Service Tax as applicable and traveling expenses shall be reimbursed at actuals subject to a maximum of Rs.50,000/- (Rupees Fifty thousand only)".

(By Order of the Board)

S. Karthiresan,  
Chief Financial Controller/General.

\* \* \*

Circular No.CFC/GL/FC/Accts./AAO/IT/D.51/F.20B/D.No.199/2006, (Accounts Branch) Dt.20.3.2006.

Sub: Income Tax - Rates for Tax Deduction and Tax Collection During the Financial Year 2006-07 - Reg.

- Ref: 1. Circular Lr.No.CFC/GL/DFC/BS/IT/D.51/F.20B/D.No.140/2005, Dt.26.5.2005.  
2. Budget Speech '2006 delivered by Hon'ble Finance Minister/Govt. of India on 28.2.2006 in Parliament.

In this Office circular letter under reference 1<sup>st</sup> cited, charts showing the rates for TDS and TCS (Tax Deduction at Source and Tax Collection at Source) for the Financial Year 2005-06 were communicated for adherence.

Now, owing to deliverance of Budget Speech '2006 by Hon'ble Finance Minister/Govt. of India on 28.2.2006 in Parliament, clarifications are sought for by some of the circles about the rates of Tax to be deducted and collected during the Financial Year 2006-07 with effect from 1.4.2006.

As the rates of Tax for related TDS and TCS are not proposed to be revised as per the Budget Speech '2006, the rates of Tax adopted for the Financial Year 2005-06 may be continued to be adopted for the Financial Year 2006-07.

Accordingly, it is hereby informed that the rates of Tax including the rates for Surcharge and Additional Surcharge (Education Cess) for Tax Deduction at Source and Tax Collection at Source for the Financial Year 2005-06 communicated in this office circular letter under reference 1<sup>st</sup> cited shall be adopted for the Financial Year 2006-07 also.



Receipt of this circular letter shall be acknowledged to the Financial Controller/Accounts by name without fail.

S. Karthiresan,  
Chief Financial Controller/General.

\* \* \*

Tamil Nadu Electricity Board - Delegation of powers - Vigilance Cell - Enforcement Wing - Enhancement of Imprest amount of Assistant Executive Engineer/Enforcement in the office of the Superintending Engineer/Enforcement/Chennai - Orders - Issued.

(Permanent) B.P. (Ch) No.47,

(Secretariat Branch)

Dated 24th March 2006.

Punguni 10, Parthiba Aandu,  
Thiruvalluvar Aandu - 2037.

Read:

- i) (Per.) B.P. Ms. (Ch.) No. 424 (SB), dated 03.11.1983.
- ii) From Additional Director General of Police/Vigilance U.O.Note No. 390/B10/B101/06-2, dated 23.01.06.

#### Proceedings:

In Board's Proceedings Ms. (Ch.) No. 424 (SB), dated 3.11.1983, among other things, orders have been issued permitting the Assistant Divisional Engineer/Anti Power Theft Squad (now Assistant Executive Engineer/Enforcement) to operate an imprest amount of Rs. 300/- for incurring unforeseen contingent expenditure and to recoup the same duly rendering the accounts.

2. In the U.O Note dated 23.01.06, the Additional Director General of Police/Vigilance/Tamil Nadu Electricity Board has sent a proposal to enhance the imprest amount operated by the Assistant Executive Engineer/Enforcement in the Office of the Superintending Engineer/Enforcement/Chennai from Rs.300/- to Rs. 1000/- to meet out emergency/minor repairs to vehicles, urgent office expenses (viz.) purchase of stationery/ floppy diskettes, CD-ROMs etc. the proposal of Additional Director General of Police (Vigilance) has been approved.

3. Accordingly, it is hereby ordered that the imprest amount of Assistant Executive Engineer/Enforcement/ Chennai in the Office of the Superintending Engineer/Enforcement/Chennai be enhanced from Rs. 300/- to Rs. 1000/- (Rupees one thousand only) to meet out emergency/minor repairs to vehicles, urgent office expenses etc. subject to condition applicable to the existing imprest account operated by the Assistant Executive Engineer/Enforcement/Chennai.

4. Receipt of the Board's Proceedings shall be acknowledged.

(By Order of the Chairman)

G. Ramamurthy,  
Secretary.

\* \* \*



Supply of Cement by M/s. TANCEM - Payment of Security Deposit by M/s. TANCEM - Certain instructions -  
Regarding.

(Per) B.P. (Ch) No.4,

(Accounts Branch),

Dated : 31.3.2006.  
Panguni 17, Parthiba Aandu,  
Thiruvalluvar Aandu 2037.

Read.

- 1) Per B.P. (Ch) No.4 (Accounts Branch) Dt.26.10.2005.
- 2) Minutes of the 1015th Meeting of the Board Level Tender Committee held on 20.3.2006.

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**Proceedings:**

In the B.P. under reference (1) cited, all the P.O. placing authorities were instructed that a Security Deposit of 5% of the value of P.O./Contract subject to a maximum of Rs.1000/- may be collected from eight Government Undertakings/Corporation including M/s. TANCEM.

M/s. TANCEM is not acceptable to pay Security Deposit for each LPO's placed by Superintending Engineers of Distribution Circles. The Superintending Engineers of Distribution Circles have informed about the non payment of S.D. by M/s. TANCEM.

In order to over come the above difficulties and to achieve the progress in targeted works it was proposed to accept the one time payment of Security Deposit of Rs. 1000/- at Head Quarters from M/s. TANCEM and M/s. TANCEM has also paid Rs. 1000/- as Security Deposit and acceptance of SD was informed to them.

BLTC has also approved and ratified the proposal of CE/MM for having accepted the one time payment of Security Deposit by M/s. TANCEM towards the supply of Cement to various Electricity Distribution Circles on the various LPO's placed on M/s. TANCEM.

Hence, all P.O. placing authorities are instructed that M/s. TANCEM may not be insisted to pay the separate Security Deposit against the Purchase Orders placed by them on M/s. TANCEM for supply of cement, since the firm has remitted one time deposit of Security Deposit with Head Quarters.

The receipt of above B.P. may be acknowledged to Deputy Financial Controller/Tender.

(By Order of the Chairman)

S. Kathiresan,  
Chief Financial Controller/General.

\* \* \*

FUNDS - 2005-06 - TAMIL NADU ELECTRICITY BOARD - Revenue Expenses - Final Modified Appropriation of  
Funds - Sanctioned.

(Routine) B.P. (Ch) No.2,

(Accounts Branch),

Dated : 31.3.2006.  
Panguni 17, Parthiba Aandu,  
Thiruvalluvar Aandu 2037.

**Proceedings:**

The final modified appropriation of funds for 2005-06 under Revenue Expenses as annexed to this proceeding is sanctioned.

Encl: 4 Statements.

Hans Raj Verma,  
Chairman.

**TAMIL NADU ELECTRICITY BOARD**  
Details of Power Generation, Purchase and availability for sale.

Statement-I  
(In million Units)

Sl.No.	Particulars	B.E.2005-06	R.E.2005-06	Latest Estimate for F.M.A. 2005-06
I.	<b>GENERATION</b>			
	Hydro	4391	6003	6144
	Windmill - TNEB	20	14	15
	Basin Bridge Gas	120	44	40
	Kovilkalappal GTPS	714	588	573
	Vazhathur	666	687	696
	Kuttalam	662	671	658
	Ennore TPS	1370	618	601
	North Chennai TPS	4360	3919	4001
	Tuticorin TPS	8094	7569	7675
	Mettur TPS	6700	6372	6519
	Total Thermal & Gas	22686	20468	20763
	Total generation (a + b + c)	27097	26485	26922
II.	<b>POWER PURCHASE</b>	27231	29317	29740
	Total Power Available (I + II)	54328	55802	56662
III.	<b>Less:</b>			
	a) Auxiliary consumption	2044	2394	2445
	b) Line loss	9411	9613	9758
	<b>POWER AVAILABLE FOR SALE</b>	<b>42873</b>	<b>43795</b>	<b>44459</b>

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**TAMIL NADU ELECTRICITY BOARD**  
Revenue Expenses - Final Modified appropriation 2005-06

Statement-II  
(Rs. in crores)

Sl.No.	Particulars	B.E.2005-06	R.E.2005-06	Latest Estimate for F.M.A. 2005-06
I.	<b>REVENUE RECEIPTS</b>			
	a) Sale of Power	11735.45	12103.68	12515.99
	b) Tariff compensation	1112.00	1172.93	1172.93
	c) Miscellaneous Revenue	421.33	421.33	422.72
	d) Hydro swing subsidy	125.00	125.00	
	Total Revenue	13393.78	13822.94	14111.64
II.	<b>Revenue Expenses</b>			
	a) Power Purchase	7406.20	7763.77	7861.66
	b) Fuel cost	3365.78	3100.82	3306.67
	c) Repairs & Maintenance	166.90	182.16	183.01
	d) Establishment & Admn GI Expenses	1754.93	1855.85	1853.11



Sl.No.	Particulars	B.E.2005-06	R.E.2005-06	Latest Estimate for F.M.A. 2005-06
	e) Depreciation	1052.05	1145.57	1145.57
	f) Interest on Loans & Finance charges	943.04	1010.67	1007.38
	g) Prior Period Expenses		131.67	131.67
	h) Other debits	19.69	18.36	18.36
	Total Expenses	14708.59	15208.87	15507.43
III.	Surplus/Shortfall under Revenue	-1314.81	-1385.93	-1395.79

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## TAMIL NADU ELECTRICITY BOARD

Budget proposals of Revenue Expenses - Final Modified appropriation 2005-06

Statement-III  
(Rs. in crores)

Sl.No.	Particulars	B.E.2005-06	F.M.A. 2005-06	Excess	Savings
1.	Revenue Expenses (other than Hd, Qrts)	3127.21	3461.97	334.77	
2.	Headquarters office expenses	83.51	90.54	7.03	
3.	Interest and finance charges (excl. GPF Int)	725.90	786.59	60.69	
4.	Fuel cost	3365.78	3306.67		59.11
5.	Cost of Power purchase	7406.20	7861.66	455.46	
6.	Total Revenue Expenses	14708.59	15507.43	857.95	59.11
				798.84	
	Total Increase in Expenditure	857.95			
	Total decrease in expenditure	59.11			
	Net increase in expenditure	798.84			

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Annexure - IV

Final Modified Appropriation for revenue expenses 2005-06

(Rs. in thousands)

Sl.No.	Name of Circles	Budget Estimate 2005-06	Total FMA 2005-06	Total	
				Excess	Savings
1	Chennai/North	610248	747202	136954	
2	Chennai/Central	984522	1055534	71012	
3	Chennai/South	770755	955651	184896	
4	Chennai/West	403839	457672	53833	
5	Chinglepet	497262	413442		83820
6	Kancheepuram	475798	367651		108147
7	Dharmapuri	733804	859099	125295	
8	Vellore	594158	704708	110550	
9	Thirupathur	334874	425207	90333	
10	Tiruvannamalai	716102	783111	67009	
11	Villupuram	753294	927460	174166	

B.B. 4 (March 2006)



(Rs. in thousands)

Sl.No.	Name of Circles	Budget Estimate 2005-06	Total FMA 2005-06	Total	
				Excess	Savings
12	Cuddalore	660427	750245	89818	
13	Trichy/North	590205	761042	170837	
14	Trichy/Metro	584040	685600	101560	
15	Thanjavur	575943	801389.73	225446.73	
16	Nagapattinam	561031	734107	173076	
17	Pudukottai	404069	522544	118475	
18	Karur	226581	220203		6378
19	Dindigul	559511	637310	77799	
20	Madurai	668700	724533	55833	
21	Ramnad	230400	309256	78856	
22	Sivaganga	292601	335514	42913	
23	Theni	268061	329430	61369	
24	Madurai/Metro	195907	271583	75676	
25	Erode	535336	607490	72154	
26	Mettur	846064	1010627	164563	
27	Salem	777703	886708	109005	
28	Gobi	350053	406961	56908	
29	Coimbatore/South	517486	597485	79999	
30	Coimbatore/North	527213	644238	117025	
31	Coimbatore/Metro	299276	448422	149146	
32	Udumalpet	521039	701683	180644	
33	Nilgiris	197605	181980		15625
34	Tuticorin	435873	551775	115902	
35	Virudhunagar	568606	1965073	1396467	
36	Tirunelveli	740430	614675		125755
37	Kanyakumari	422781	440145	17364	
38	Gen./Erode	275647	320970	45323	
39	Gen./Kundah	261732	283451	21718	
40	Gen./Tirunelveli	218096	241731	23635	
41	Gen./Kadamparai	280058	320637	40579	
42	E.T.P.S.	730050	830312	100262	
43	M.T.P.S.	1186691	1247626	60935	
44	T.T.P.S.	1652361	1575635		76726
45	N.C.T.P.S.	2109040	930282		1178758
46	B.B.G.T.P.S.	541236	565209	23973	
47	GTPP/Kovilkalappal	327330	321162		6168
48	G.T.P.P (Ramnad) Vaz	305387	338370	32983	
49	Kuttalam G.T.P.P.	271690	308873	37183	
50	Wind Energy	120090	142704	22614	
	Transmission Total	623139	930148	311809	4800
	P&C Total	63996	74354	10358	
	Project Total	125658	147731	27192	5119
	Adjustment	4993312	4465219		528093
	Capitalisation	2245025	2261420	16395	
	Total	31272085	34619749	5487053	2139389
	H.Qrs Offices	835065	905387	70322	
	Grand Total	32107150	35525136	5557375	2139389
	Rs. in Crores	3210.72	3552.51	555.74	213.94

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FUNDS - 2005-06 - TAMIL NADU ELECTRICITY BOARD - Capital Expenditure - Final Modified Appropriation of Funds - Sanctioned.

(Routine) B.P. (Ch) No.3,

(Accounts Branch),

Dated : 31.3.2006.

Panguni 17, Parthiba Aandu,  
Thiruvalluvar Aandu 2037.

**Proceedings:**

The final modified appropriation of funds for 2005-06 under Capital Expenditure as annexed to this proceeding is sanctioned.

The net increase of Rs. 157.26 crores is adopted.

Encl: Annexure 1 & 2

Hans Raj Verma.  
Chairman.

Annexure - I  
TAMIL NADU ELECTRICITY BOARD  
CAPITAL EXPENDITURE - FINAL MODIFIED APPROPRIATION 2005-06

(Rs. in Lakhs)

Sl.No.	Details	Budget Estimate 2005-06	Revised Estimate 2005-06	FMA 2005-06	Variation	
					Excess	Savings
1	GENERATION HYDRO					
1	Pykara Ultimate Stage HEP	500.00	1250.00	1431.07	931.07	
2	Perunchani Mini HEP		20.00	10.14	10.14	
3	Bhavani-Kattalai Barrage I HEP	500.00	1150.00	1390.25	890.25	
4	Amaravathy HEP	300.00	300.00	230.12		69.88
5	Bhavani-Kattalai Barrage II HEP	1000.00	100.00	89.30		910.70
6	Bhavani-Kattalai Barrage III HEP	500.00	150.00	53.05		446.95
7	Periyar Vaigai Barrage Stage I	200.00	250.00	110.30		89.70
8	Periyar Vaigai Barrage Stage II		150.00			
9	Kollimalai	200.00	25.00	8.62		191.38
10	Bhavani Barrage - I HEP	100.00	25.00			100.00
11	Bhavani Barrage - II HEP	100.00	24.00			100.00
12	Thirumorthy Contour canal HEP	100.00	25.00			100.00
13	Mukuruchi Halla pumping scheme (Augumentation)	300.00	100.00	5.00		295.00
	Total Hydro	3800.00	3569.00	3327.85	1831.46	2303.61
	THERMAL & GAS					
1	N.C.T.P.P. Stage.I	500.00	580.00	432.16		67.84
2	Augmentation of Ash Dyke at MTPS	200.00	176.00	195.99		4.01
3	Valuthur G.T.P.P.	500.00	150.00	60.81		439.19
4	Kovilkalappal GTPP	500.00	250.00	445.82		54.18
5	Kuttalam G.T.P.P	1000.00	1400.00	1997.98	997.98	
6	Valuthur G.T.P.P. (addl.)	4000.00	10.00	4.66		3995.34
7	Narimanam G.T.P.P.	1000.00	10.00			1000.00
	Total Thermal & Gas	7700.00	2576.00	3137.42	997.98	5560.56
	Total Generation	11500.00	6145.00	6465.27	2829.44	7864.17



(Rs. in Lakhs)

Sl.No.	Details	Budget Estimate 2005-06	Revised Estimate 2005-06	FMA 2005-06	Variation	
					Excess	Savings
II	RENOVATION & MODERNISATION HYDRO					
1	Renovation of Units at Pykara Power House	15.00	10.00			15.00
2	Uprating of Unit at Mettur Dam	1000.00	500.00	314.80		685.20
3	Uprating of Papanasam Power House	600.00	500.00	402.85		197.15
4	Renovation & Uprating of Sholayar PH-1	300.00	10.00			300.00
5	R&M at Kadamparai PH	400.00	1000.00	663.67	263.67	
	Total Hydro R&M	2315.00	2020.00	1381.32	263.67	1197.35
	THERMAL					
1	R&M work at ETPS. Stage II-Phase-I	500.00	50.00			500.00
2	Addl.R&M works at MTPS	800.00	25.00			800.00
3	Addl.R&M works at E.T.P.S.	1000.00	4500.00	4254.53	3254.53	
4	Addl.R&M works at TTPS	800.00	550.00	1227.27	427.27	
5	Ash Dyke at ETPS	300.00	100.00			300.00
6	Residual life assessment study at TTPS	150.00	50.00	35.49		114.51
7	MTPS - R&M DCS - Unit - I	300.00	10.00			300.00
	Total Thermal R&M	3850.00	5285.00	5517.29	3681.80	2014.51
	Total R&M	6165.00	7305.00	6898.61	3945.47	3211.86
	Total Generation Incl. R&M	17665.00	13450.00	13363.88	6774.91	11076.03
III	TRANSMISSION	43647.00	41012.00	46414.75	2767.75	
IV	DISTRIBUTION	51790.00	51570.00	58425.47	6635.47	
V	GENERATION - (Capital Spares & Buildings)	4950.00	12020.00	11985.64	7035.64	
VI	RURAL ELECTRIFICATION					
1	Rural Electrification (Plan)	1500.00	2450.00	4111.93	2611.93	
2	Contribution by Agricultural applicant	6000.00	6250.00	8147.58	2147.58	
3	Street Light (State Fund)	1100.00	150.00	137.07		962.93
4	Hut Electrification	1100.00	950.00	1389.42	289.42	
5	Hamlet Electrification	350.00	250.00	2.50		347.50
VII	Survey, Investgn., Research, Trg (Incl. Computerisation)	250.00	250.00	100.00		150.00
	Total Plan Outlay	128352.00	128352.00	144078.24	28262.70	12536.46
	Interest During Construction Stage	21178.00	21178.00	21178.00		
	Total Capital Expenditure	149530.00	149530.00	165256.24	28262.70	12536.46
				Net increase		15726.24

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Annexure - II  
TAMIL NADU ELECTRICITY BOARD  
CAPITAL EXPENDITURE F.M.A. 2005-06

Sl.No.	Name of Circles	Budget Estimate 2005-06	FMA 2005-06	(Rs. in Lakhs)	
				Savings	Excess
1	Chennai/North	2513.95	3610.73		1096.78
2	Chennai/Central	2692.88	2763.80		70.92
3	Chennai/South	2692.36	3511.81		819.45
4	Chennai/West	2179.68	3453.38		1273.70
5	Chenglepet	1353.23	1689.44		336.21
6	Kancheepuram	1156.74	1086.10	70.64	
7	Dharmapuri	2277.22	1748.00	529.22	
8	Vellore	1330.29	1074.11	256.18	
9	Tirupathur	1115.73	1023.95	91.78	
10	Tiruvannamalai	1509.47	766.28	743.19	
11	Villupuram	2577.52	6724.06		4146.54
12	Cuddalore	2101.75	2150.50		48.75
13	Trichy/North	1544.97	1458.53	86.44	
14	Trichy/Metro	1381.68	2073.43		691.75
15	Thanjavur	3288.74	2085.40	1203.34	
16	Nagapattinam	2424.23	2134.04	290.19	
17	Pudukottai	1366.82	1731.30		364.48
18	Karur	1004.61	1880.38		875.77
19	Dindigul	1029.98	2266.17		1236.19
20	Madurai	1529.59	1794.38		264.79
21	Ramnad	760.70	1399.23		638.53
22	Sivaganga	892.97	801.20	91.77	
23	Theni	812.22	941.80		129.58
24	Madurai Metro	576.77	1338.73		761.96
25	Erode	1599.32	1909.95		310.63
26	Mettur	2566.24	2251.95	314.29	
27	Salem	2407.05	2012.18	394.87	
28	Gopi	1250.44	955.44	295.00	
29	Coimbatore/South	2293.88	1788.79	505.09	
30	Coimbatore/North	1524.85	2119.00		594.15
31	Coimbatore/Metro	1090.22	2061.74		971.52
32	Udumalpet	1903.73	2495.40		591.67
33	The Nilgiris	452.83	1064.71		611.88
34	Tuticorin	1192.12	1613.48		421.36
35	Virudhunagar	1309.14	1494.55		185.41
36	Tirunelveli	2260.43	2335.36		74.93
37	Kanyakumari	1568.05	364.67	1203.38	
38	CE	307.61	240.00	67.61	
	Total (A)	61840.00	72213.97	6142.99	16516.96
39	Gen/Erode	450.00	556.51		106.51
40	Gen/Kundah	50.00	367.08		317.08
41	Gen/Tirunelveli	100.00	1163.60		1063.60
42	Gen/Kadamparai	75.00	225.51		150.51
43	E.T.P.S.	400.00	2135.49		1735.49
44	M.T.P.S.	500.00	1430.54		930.54



(Rs. in Lakhs)

Sl.No	Name of Circles	Budget Estimate 2005-06	FMA 2005-06	Total	
				Savings	Excess
45	T.T.P.S.	400.00	2884.88		2484.88
46	N.C.T.P.S.	400.00	423.86		23.86
47	B.B.G.T.P.S.	20.00	848.51		828.51
48	Kovilkalappal GTPP	200.00	1363.79		1163.79
49	Vazhuthur GTPP	600.00	315.99	284.01	
50	Kuttalam GTPP	100.00	96.76	3.24	
51	CMC/Madurai (Gen.Works)	150.00	173.13		23.13
52	Wind Energy T'Veli				
53	Adjustment	1505.00			
	Total (B)	4950.00	11985.64	287.25	8827.89
53	GCC/Chennai	8200.00	9024.47		824.47
54	GCC/Salem	6200.00	5069.70	1130.30	
55	GCC/Madurai	8700.00	9708.93		1008.93
56	GCC/Coimbatore	6200.00	7180.34		980.34
57	GCC/Trichy	8700.00	5753.67	246.33	
58	CDC/Chennai	3500.00	6958.86		3458.86
59	Mettur Workshop	1500.00	1912.69		412.69
60	P&C/Coimbatore	365.00	552.19		187.19
61	P&C Madurai	282.00	229.25	52.75	
62	P&C Chennai		24.65		
	Total (C)	43647.00	46414.75	4129.38	6872.48
	Total (A+B+C)	110437.00	130614.36	10559.62	32217.33

/ True Copy /

\* \* \*

FUNDS - 2005-06 - TAMIL NADU ELECTRICITY BOARD - Loans and Advances - Final Modified Appropriation of Funds - Sanctioned.

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

(Accounts Branch),

Dated : 31.3.2006.

Panguni 17, Parthiba Aandu,  
Thiruvalluvar Aandu 2037.**Proceedings:**

The final modified appropriation of funds for 2005-06 under Loans and Advances as annexed to this proceeding is sanctioned.

The net saving of Rs. 10.07 crores is retained.

Encl: Annexure

Hans Raj Verma.  
Chairman.Annexure

Final Modified Appropriation 2005-06 for loans and advances

Rs. in Crores

Particulars	Receipts	Outgoings	Net
Budget Estimate 2005-06	52.03	47.09	4.94
Final Modified Appropriation 2005-06	42.63	27.62	15.01
Net Savings in FMA compared to Budget Estimate 2005-06	-9.40	19.47	10.07

/ True Copy /

\* \* \*

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# TECHNICAL

## PART – IV

Electricity - Implementation of IT Corridor Project from Madhyakailash to Siruseri on old Mahabalipuram Road - Shifting of poles & cables and conversion of LT and HT over head lines into UG cable system along the IT Corridor - Provision of concrete ducts along IT Corridor - Supply and erection of RMUs, Isolators & Breakers instead of Transformer Structures - Instruction issued to release the amount in advance in installments instead of reimbursement to M/s. ITEL - Reg

(Per) B.P. (FB) No.46,

(Technical Branch),

Dated 2.3.2006.

Masi 18, Parthiba Aandu,  
Thiruvalluvar Aandu 2037.

Read:

- Sub : 1. Per. B.P. (FB) No.23, (TB) Dt.18.1.2005.  
2. Extract of the Minutes of the 890<sup>th</sup> meeting of the TNEB held on 27.2.06  
(Item No.8)

### Proceedings:

The Board in its 877<sup>th</sup> Meeting held on 8.1.2005 has accorded approval to meet out the estimated cost to the tune of Rs.2878 Lakhs towards shifting of existing 110 KV (By the Board) & 33 KV (By the M/s. IT Expressway Ltd. a subsidiary of TNRDC) UG cables and conversion & shifting of HT and LT over head lines into UG cable system along the IT Corridor Road from Madhyakailash to Siruseri stretch of old Mahabalipuram Road as improvement works.

Subsequently, M/s. IT Expressway Ltd., Chennai vide letter dt.9.6.2005 have requested TNEB's approval for the laying the electric cables through concrete ducts, for which, apportionment to TNEB would be around 14 Crores, Conversion of structure and pillar boxes into Ring Main Units (RMUs) and TNEB may bear the estimated cost for the RMUs and to deposit Rs.10.64 Crores for shifting works (Cable Shifting) up front to ITEL instead of paying the shifting charges as and when works are completed.

A Note seeking approval of the Board was placed before the Board in the 884<sup>th</sup> meeting held on 30.7.2005 for implementation of It Corridor Project to pay an amount of Rs.14 Crores approx. in installment as TNEB's share for providing concrete ducts for laying cables, to pay the cost around Rs.18.98 Crores approx. towards provision of RMUs and isolators & breakers in place of structures and to deposit the entire material cost including labour and transport for conversion of over head to UG/shifting works of cables to the tune of Rs.10.64 Crores in advance to M/s ITEL instead of reimbursing the same.

The Board in the 884<sup>th</sup> meeting held on 30.7.2005 has directed to place the proposal again before the Board after examining the reasonableness of the cost of works.

Meanwhile as per the decision taken in the fifth meeting of the empowered committee meeting held on 23.8.2005 under the Chairmanship of Chief Secretary to the Govt. of Tamil Nadu and as Chairman has been delegated with full power to give administrative sanction for improvement works vide B.P.Ms.No.20, Dt.13.5.99 and the Board in its 877<sup>th</sup> meeting held on 8.1.2005 has accorded approval to carryout the above works under improvement head, Chairman has instructed to release the TNEB's share for the ducting and shifting charges in 5 installments in advance to M/s. ITEL.

Instructions has been issued to Chief Engineer / Distribution / Chennai South Region vide Ch's memo. dt.22.9.2005 to release the amounts in five installments in advance instead of reimbursement to M/s. ITEL under improvement head for the IT Corridor Project from the Madyakailash to Siruseri. First installment of Rs.5 crores has been released to TNRDC (M/s. ITEL) vide cheque dt.24.9.2005.

The above matter was placed before the Board's 890<sup>th</sup> meeting held on 27.2.2006 for information after examining the reasonableness of the cost of works and the Board after careful consideration has noted the instructions issued to release the amount towards carrying out the following works in five installments to TNRDC (M/s. ITEL) and the release of first installment of Rs.5 Crores to TNRDC (M/s. ITEL) on 24.9.2005.



(a) A Sum of Rs.12.58 Crores (approx.) towards Board's share for provision of Concrete ducts along the IT Corridor for laying TNEB's 11/33 KV cable.

(b) A Sum of Rs.18.98 Crores (approx.) towards Supply & Erection of RMUs and isolators & breakers instead of TNEB's structures along the IT Corridor.

(c) A Sum of Rs.10.14 Crores (approx.) towards shifting and conversion of 11/33 KV cable along the IT Corridor.

(By Order of the Board)

D. Palani,  
Chief Engineer/Commercial.

\* \* \*

TENDER - PSC/RCC Poles - Amendment to Table-VI of Tender Regulation 1991 - Orders issued - Reg.

(Per) B.P. (FB) No.7,

(Accounts Branch),

Dated 2.3.2006.

Masi 18, Parthiba Aandu,  
Thiruvalluvar Aandu 2037.

Read:

Minutes of the 890th Meeting of the Tamil Nadu Electricity Board held on  
27.02.2006 (Item No. 13)

**Proceedings:**

The Tamil Nadu Electricity Board after careful consideration hereby orders amendment to Table - VI, of Tender Regulations, 1991 as below:-

AMENDMENT  
TABLE - VI  
Work Contract  
Open Tender

Authority (1)	Value of Contract Existing (2)	Value of Contract Amendment (3)
Superintending Engineer	Not Exceeding Rs. 30 lakhs for manufacture of PSC/RCC Poles	Not Exceeding Rs. 30 lakhs with 5% excess over technically sanctioned estimate for manufacture of PSC/RCC Poles
Chief Engineer	Not Exceeding Rs. 100 lakhs for manufacture of PSC/RCC Poles	Not Exceeding Rs. 100 lakhs with 10% excess over technically sanctioned estimate for manufacture of PSC/RCC Poles

The above provision for accepting excess percentage of 5% by Superintending Engineer and 10% by Chief Engineer shall be valid for a limited period upto 30.6.2006 only. The decision for continuation of the delegation of powers as amended in Column(3) above for accepting the tender with excess percentage shall be reviewed subsequently and communicated.

(By Order of the Board)

S. Kathiresan  
Chief Financial Controller/General.

\* \* \*



Procurement of Stationery (Printed Receipt) - Enhancement of Monitory Powers of the Superintending Engineers of Distribution Circle - Delegation of Powers Requested/Ratification - Incorporation of new clause under Table-X of Tender Regulation 1991-Orders issued - Reg.

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

(Accounts Branch),

Dated 2.3.2006.

Masi 18, Parthiba Aandu,  
Thiruvalluvar Aandu 2037.

Read:

- 1) Per B.P. (Ch) No. 1 (Accounts Branch) Dt. 25.1.2006.
- 2) Minutes of the 890th Meeting of the Tamil Nadu Electricity Board held on 27.2.2006 (Item No. 12)

**Proceedings:**

The Tamil Nadu Electricity Board after careful consideration hereby orders Incorporation of new clause under TABLE - X of Tender Regulations, 1991 as below:-

**TABLE - X**  
Procurement of Stationery - Printed Receipts  
(in Roll sheets - Continuous Stationery)  
Limited Tender

Authority		Value of Contract	
Existing	Amendment	Existing	Amendment
Nil	Superintending Engineers (Distribution Circles)	Nil	Not exceeding Rs. 4 Lakhs

The Board has approved and ratified the proposal of having delegated powers as above for the period upto 30.6.2006 only. The feasibility of centralised procurement of Stationery for all circles shall be examined for implementation from 1.7.2006.

(By Order of the Board)

S. Kathiresan  
Chief Financial Controller/General.

\* \* \*

Tamil Nadu Electricity Board - M/s. Rajashree Laminates Limited - HT SC NO. 148 - Udumalpet Electricity Distribution Circle - Arrears settled - Waiver of Belated Payment Surcharge - Approval - Accorded.

Routine B.P. (FB) No.1,

(Accounts Branch),

Dated 3.3.2006.

Masi 19, Parthiba Aandu,  
Thiruvalluvar Aandu 2037.

Read:

- 1) M/s. Rajashree Laminates Ltd. letter dated 2.12.2005.
- 2) Chief Engineer (Distribution) Coimbatore Lr.No.CED/CBE/AO/AS/A1/ F.HTSC 148 (Udt)/027438/D1498/dt. 24.12.2005.
- 3) Item 11 of extract from the Minutes of the 890th meeting of the Board held on 27.2.2006.

**Proceedings:**

The HT SC NO. 148 of Udumalpet Electricity Distribution Circle of M/s. Rajashree Laminates Limited was disconnected due to non-payment of Current Consumption charges on 17.2.1998 and the account was closed duly adjusting the available Current Consumption Deposit against the outstanding arrears. After closure of accounts, still there was outstanding amount payable by the consumer amounting to Rs. 2,72,086/- (Current Consumption charges Rs. 2,27,484/-+ Dismantling charges Rs. 6,320/-+Belated Payment Surcharge Rs. 38,282/- (BPSC upto closure of account). Further, after closure of accounts on settlement of the arrears,



Belated Payment Surcharge amounting to Rs. 3,01,607/- is to be collected from the above consumer.

2. The consumer was permitted to pay the above Current Consumption arrears of Rs. 2,72,086/- in 10 instalments as requested by the consumer and the same was remitted by the consumer within 3 instalments and within the duration of 2 months (1.10.2005 to 25.11.2005). The consumer has requested for waiver of Belated Payment Surcharge of Rs. 3,01,607/-. The service connection was disconnected on 17.2.1998 and the account was closed on 17.10.1998. The amount payable by the High Tension consumer on the date was Rs. 2,72,086/-.

3. It has been reported by the Superintending Engineer/Udumalpet that after repeated reminders and follow-up action taken with the consumer, the above amount of Rs. 2,72,086/- was collected from 1.10.2005 to 25.11.2005 and the consumer requested for waiver of Belated Payment Surcharge of Rs. 3,01,607/- calculated for the period from the date of closure of accounts to 25.11.2005 (i.e., final remittance of arrears made on 25.11.2005).

4. The Chief Engineer (Distribution)/Coimbatore in his letter 2nd cited has stated that decision was taken in the Review Meeting of Chief Engineers (Distribution) held on 2.9.2005 on the collection of arrears pending in disconnected services, to review the individual cases where the arrears exceed Rs. 10,000/- and to initiate action to realise the amount and to send the proposal for waiver of Belated Payment Surcharge subject to consumer agreeing to clear all the arrears. The Superintending Engineer/Udumalpet has requested to recommend the waiver of Belated Payment Surcharge amount of Rs. 3,01,607/- in respect of HT SC 148, M/s. Rajashree Laminates. The Chief Engineer (Distribution)/Coimbatore has also recommended for waiver of Belated Payment Surcharge of Rs. 3,01,607/- and requested to obtain the orders on the above.

5. Since the consumer of HT SC No. 148, M/s. Rajashree Laminates, Udumalpet Electricity Distribution Circle has paid the arrears of Current Consumption charges and Dismantling charges in full, and in line with the decision taken in the review meeting of Chief Engineers (Distribution) held on 2.9.2005 for collection of arrears pending in disconnected services and to send proposal for waiver of Belated Payment Surcharge, the proposal for waiver of Belated Payment Surcharge of Rs. 3,01,607/- (from the date of closure of accounts upto 25.11.2005) was placed before the Board.

6. The Board in its 890th meeting held on 27.2.2006 has approved the proposal for waiver of Belated Payment Surcharge of Rs. 3,01,607/- upto 25.11.2005 in respect of HT SC No. 148 of Udumalpet Electricity Distribution Circle.

7. The Superintending Engineer/Udumalpet Electricity Distribution Circle shall arrange to withdraw the Belated Payment Surcharge of Rs. 3,01,607/- by adjustment, in respect of HT SC No. 148, M/s. Rajashree Laminates.

(By Order of the Board)

S. Kathiresan  
Chief Financial Controller/General.

\* \* \*

TNEB - Setting up of 1 x 500 MW Coal Based Thermal Power Plant, Stage - II in NCTPS Complex, By TNEB under state sector - Standing Committee Constituted under the Head of Member (Generation) - Approval Accorded - Regarding.

(Per) B.P. (Ch) No.112,

(Technical Branch),

Dated 6.3.2006.

Maasi 22, Parthiba Aandu,  
Thiruvalluvar Aandu 2037.

Read:

Chairman's Note Approval Dt. 28.2.2006.

#### Proceedings:

Approval is hereby accorded to constitute a standing committee comprising of the following members under the held of Member (Generation) for vetting of the pre-feasibility Report, consultancy and EPC contract specifications, EIA and EMP study reports etc., and recommend to Board for the proposed 1 x 500 MW NCTPS stage II project in the existing NCTPS complex to be executed under state sector by TNEB.



- |                                |                         |
|--------------------------------|-------------------------|
| (i) Member (Generation)        | - Head of the committee |
| (ii) OSD/Projects              | - Member                |
| (iii) CE/Projects              | - Member                |
| (iv) CE/Mech./Thermal Stations | - Member                |
| (v) CE/NCTPS                   | - Member                |
| (vi) CE/ETPS                   | - Member                |
| (vii) SE/Civil/P&E             | - Member                |

(By Order of the Chairman)

K. Perumal.  
Chief Engineer/Projects.

\* \* \*

Hydro - Provision of Handycams - One Each to Each Hydro Generation Circle - Administrative approval - Accorded.

(Per) B.P. (Ch) No.113,

(Technical Branch),

Dated 6.3.2006.

Masi 22, Parthiba Aandu,  
Thiruvalluvar Aandu 2037.

Read:

Chairman's approval dt. 4.3.2006 on CE/Hydro Note dt. 27.2.2006/D.150  
dt. 7.3.06.

Chairman/Tamil Nadu Electricity Board hereby accords administrative approval to procure 4 Nos. Handy Cam Camera of 3,80,000 pixels resolution (Sharpness), LCD Screen, ordinary CD at a total cost of Rs. 1,70,000/- (Rs. 42,500/- each) one each to the four Hydro Generation circles for recording special works on Machines, Dams and equipment and preserve them for future guidance.

Special care is to be taken for preserving those video images recorded.

(By the Order of Chairman)

A.G. Palanisamy  
Chief Engineer/Hydro.

\* \* \*

Ennore Thermal Power Station - Procurement of new LP rotor with diaphragms for unit IV through open tender and to conduct RIA study on HP & LP rotors released from unit III by M/s. BHEL at ETPS site - Administrative approval accorded - Reg.

Permanent B.P. (CH) No.118,

(Technical Branch),

Dated 10.3.2006.

Masi 26, Parthiba Aandu,  
Thiruvalluvar Aandu 2037.

Read:

Note approved by Chairman on 9.3.2006.

#### Proceedings:

Administrative approval is hereby accorded for the following.

- to procure a new LP rotor with diaphragms {(1, 1A, 2, 2A - No modification) & (3, 3A, 4, 4A - as modified in Unit - V)} for Unit - IV (110 MW) of ETPS at an approximate cost of Rs. 11.06 Crores through Open Tender under two part system.
- to conduct RLA Study on HP & MP rotors released from Unit - III at ETPS site at an approximate



cost of Rs. 30 lakhs as detailed below:-

a. Price for conducting RLA study by M/s. BHEL	}	Rs. 15.70	lakhs
b. Cost of deblading	}	Rs. 6.30	lakhs
c. Cost of sand blasting, spares and consumables and accommodation/transport	}	Rs. 8.00	lakhs
		<b>Total</b>	<b>Rs. 30.00 lakhs</b>

(By Order of Chairman)

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

\* \* \*

M(D)'s Memo. No. CE/Comm/EE3/AEE1/F.Metering Point/D.133/06, (Technical Branch), dated 17.03.2006.

Sub: Electricity - TNERC -Amendment to the Regulation NO. 29(14(b)) of Distribution Code - Notification issued - Reg.

Ref: 1. TNERC Notification No. TNERC/DC/8-2/dt. 23.2.06.  
2. Lr.No. TNERC/DT/TC/F.code/D206/06 dt. 1.3.06.

The TNERC vide Notification cited under reference (1) (copy enclosed) has issued amendment inserting the following provision under clause (b) of sub regulation 14 of Regulation No. 29 of Distribution Code as below:

"Provided that the Chief Executive Officer of the Licensee may approve the point of supply at a place beyond 30 mts from the main gate, if he is satisfied that such place is

- easily accessible and visible to the officials of the licensee.
- is safe and secure and
- is not susceptible to mal practice

Also there shall be no compromise on technical grounds, while relaxing the distance criteria".

Also, TNERC vide ref.(2) has provided powers for the above to Chairman/TNEB

Hence, in future, all CEs/Distribution Region are instructed to refer to the HQ on the proposals of the intending consumers/existing consumers for locating the point of supply at a place beyond 30 mts from the main gate for New/Existing (addl./reduction of demand) HTSC with specific remarks of CEs/D on the conditions stipulated in the amendment notification after ensuring from the SEs/EDC concerned.

The receipt of this memo. may be acknowledged to Chief Engineer/Commercial.

Encl: one.

V.N. Mathiyalagan,  
Member (Distribution).

Tamil Nadu Electricity Regulatory Commission  
Tamil Nadu Electricity Distribution (Amendment) Code

**Notification No. TNERC/DC/8-2/dated 23.2.2006.**

WHEREAS it is considered necessary to issue amending Regulation to the regulation in Tamil Nadu Electricity Distribution code removing certain difficulties in regard to implementation of the Regulation and the Amending Regulations providing for the above purpose shall be subject to the condition of previous publication and accordingly undergone such previous publications.

NOW, therefore, in exercise of the powers conferred on it by section 181 of the Electricity Act 2003 (Central Act 36 of 2003) and all other powers enabling it in this behalf, the Tamil Nadu Electricity Regulatory  
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Commission hereby specifies the following amending regulations to the Tamil Nadu Electricity Distribution Code issued under Notification No. TNERC/DC/8/1 dated 21.7.2004 and published in Part VI - Section 2 (supplemental) dated 1<sup>st</sup> September 2004.

### Amending Regulations

#### 1. Short title and commencement

- These regulations may be called Tamil Nadu Electricity Distribution (Amending) Code 2006.
- These Regulations shall come into force from 23.2.2006.

#### 2. Amendment to Regulation

The following provision is inserted under Clause (b) of sub regulation 14 of Regulation 29 of Tamil Nadu Electricity Distribution Code.

"Provided that the Chief Executive office of the Licensee may approve the point of supply at a place beyond 30 meters from the main gate, if he is satisfied that such place is

- easily accessible and visible to the officials of the licensee
- is safe and secure and
- is not susceptible to mal practice.

Also there shall be no compromise on technical grounds, while relaxing the distance criteria.

/By order of the Commission/

Secretary  
Tamil Nadu Electricity Regulatory Commission.

/True Copy/

\* \* \*

Lr.No. CE/MM/SE/MM.II/EET/A2/F.Tyres/D.92/2006, (Technical Branch) dt. 18.3.06.

Sub: Vehicle - Procurement of Tyre, Tube and Flap of various sizes after the expiry of DGS & D rate - Procedure to be followed - Communicated - Reg.

Ref: U.O.No.X/FC/P2/DFC/T/AAO/T/D.28/102/06, dt. 3.3.06.

The procedure to be followed for the procurement of Tyre, Tube and Flap of various sizes after the expiry of DGS & D rate received from CFC./General/TNEB/Chennai, is enclosed herewith for future guidelines.

V. Dorairaj,

Encl: Copy of CFC/General remarks - 1 No.

Chief Engineer/Materials Management.

U.O.No.X/FC/P-II/DFC/T/AAO/T/D.28/102/2006, (Accounts Branch) dt. 3.3.2006

Sub: Vehicle - Procurement of Tyre, Tube and Flap of various sizes after the expiry of DGS & D rate - Procedure to be followed - Reg.

Ref: U.O.No.SE/MM.II/EET/A2/F.Tyres/D.60/06, dt. 24.2.2006.

Adverting to the above, it has been stated in the U.O. that DGS & D rate contract for procurement of various sizes of Tyres, Tubes and Flaps has already been expired and it has not been renewed/extended as on date.

Hence, pending notification of the renewed rate contract list the usual tender procedure as per Tamil Nadu Transparency in Tender Act 1998 and Rules 2000 may be followed and the lowest rate obtained in the tender may be accepted subject to ensuring the reasonableness of price.

S. Kathiresan,  
Chief Financial Controller/General.

\* \* \*

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