

FORM 1

BEFORE THE HONOURABLE TAMIL NADU ELECTRICITY REGULATORY COMMISSION

MP No of 2011.

IN THE MATTER OF : Miscellaneous petition for filing a
comprehensive proposal to overcome the
power shortage in the State of Tamilnadu
to enable the lifting of Restriction & Control
measures.

Tamilnadu Generation and Distribution Corporation Ltd.,
No.144, Anna Salai,
Chennai-2.

.....Petitioner

--Nil--

.....Respondent

the petitioner named above respectively showeth under:

1. Tamilnadu Generation and Distribution Corporation Ltd., the successor entity of erstwhile Tamil Nadu Electricity Board, and constituted under The Companies Act,1956 and is carrying out the business of Generation and Distribution of Electricity in the State of Tamil Nadu.
2. It is submitted that Tamilnadu Generation and Distribution Corporation Ltd., (TANGEDCO) was incorporated on 01.12.2009 and the Certificate for commencement of business was obtained on 16.03.2010.

3. Need:

It is respectfully submitted that the Hon'ble Tribunal for Electricity has issued directions to the effect that the Hon'ble Commission shall direct the Electricity Board/Utilities in the state of Tamilnadu to submit a comprehensive proposal to overcome power shortage to enable to lift the R&C measures before the Commission within a time limit of six months. In order to comply with the

direction of the Hon'ble APTEL and the Hon'ble Tamilnadu Electricity Regulatory Commission, TANGEDCO is submitting a proposal on the strategy to be adopted to overcome the power shortage in the State of Tamilnadu to enable the lifting of Restriction and Control measures completely.

4. Background:

In this connection, it is humbly submitted that there was a shortage of 2500 – 4000 MW, the details of which are exhibited in Annexure. Efforts were being taken to tide over the situation by making best use of internal resources and power purchase from external sources. However, due to non-availability of Transmission corridor for import of power to meet the accelerated demand, the prevailing grid condition dictates the Restriction and Control measures.

5. Measures taken for revoking the R&C measures

➤ **5.1 Capacity addition:**

(i) It is humbly submitted that the following capacity additions are programmed upto December 2011 as already approved and communicated in the 16th meeting of SRPC held on 30.04.2011.

S.No	Name of the Projects	Scheduled date of commissioning	Availability
1	Neyveli TS –II Unit I	July '11	138
2	Simhadri Stage 2 Unit 3	July '11	81
3	NTPC-TNEB at Vallur Stage-I Unit I	Oct'11	318.75
4	Kudankulam APS Unit-I	Dec'11	392.7

Total

930.45 MW

(ii) Further, the following capacity additions have been programmed to materialize before June 2012.

S.No	Name of the Projects	Scheduled date of commissioning	Availability
1	Periyar Vaigai SHEP-II	Aug'11	2.5
2	Bhavani Kattalai Barrage-II	Aug'11	30
3	Periyar Vaigai SHEP-IV	Sep'11	2.5
4	Bhavani Barrage-II	Nov'11	20
5	Modification of 12 sugar mills	Oct/Nov/Dec '11	155.6
6	Periyar Vaigai SHEP-III	Dec'11	4
7	Bhavani Kattalai Barrage-III	Jan'12	30
8	NTPC-TNEB at Vallur Stage-I Unit II	Mar'12	318.75
9	North Chennai TPS Stage 2	Mar'12	510
10	Mettur TPS Stage 3	Mar'12	510
11	Neyveli TS –II Expn. Unit II	Mar'12	138
12	North Chennai TPS Stage 2	May'12	510
Total			2331.35 MW

➤ **5.2 Power purchase :**

i) From private traders - **305 MW + 195 MW** (June 2011)

500 MW (from June 2011 to Sep'2011)

It is further proposed to increase this quantum to 125% as tendered quantity if necessary.

ii) Reliability power - **1000 MW** during peak hour & 200 MW during non peak hour for the months June to September 2011.

- iii) Additional from private traders - **500 MW** (round the clock) is being finalized.
- iv) GUVNL of Gujarat - **500 MW** power for the months of June, July, August 2011.
- v) Case I bidding - **450 MW** for 5 years (as approved by this Hon'ble Commission) Tender due for opening on 24.08.11 & financial bid on 8.9.11.
- vi) Depending on the requirement, additional capacities are also proposed to be procured through Case I bidding for a period from 3 to 5 years.

➤ **5.3 Captive Power Plants**

It is also submitted that the generation from Captive Power Sources upto July 2011 would be of the order of **406 MW**.

➤ **5.4 Non conventional energy sources**

It is further respectfully submitted that the following capacity additions would materialize on fruition of projects by 31.12.2011 from the following non conventional energy sources.

• Wind	: 600 MW
• Co-gen	: 19 MW
• Bio mass	: 34 MW
• Solar projects	: 7 MW
Total	: 660

➤ **5.5 Wind power:**

It is also expected that the infirm power from wind generation will be more active from May 2012 onwards to augment the availability.

6.0 In view of the above, it is submitted to the Hon'ble Commission that proposed to overcome the deficit of about 4000 MW would be met by June 2012 which would facilitate lifting of Restriction and Control measures by then.

7.0 Prayer:

The petitioner respectfully requests the Hon'ble Commission

(i) To permit TANGEDCO to implement the Restriction and control measures until June 2012 when TANGEDCO is poised for self sufficiency.

(ii) It is also submitted to the Hon'ble Commission that periodically the position will be placed for review by the Hon'ble Commission.

(iii) It is also submitted that depending on the availability of power, partial relaxation may also be considered whenever the situation permits.

Solemnly affirmed at Chennai,
On this the 22nd day of June 2011
and signed his name in my presence

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BEFORE ME

ADVOCATE:CHENNAI