

TAMIL NADU ELECTRICITY REGULATORY COMMISSION
(Constituted under section 82 (1) of the Electricity Act, 2003)
(Central Act 36 of 2003)

PRESENT:-

Thiru S.Akshayakumar Chairman

Thiru G.Rajagopal Member

and

Dr.T.Prabhakara Rao Member

P.P.A.P.No.1 of 2017

Tamil Nadu Generation and Distribution
Corporation Limited,
144, Anna Salai,
Chennai – 600 002.

... Petitioner
(Thiru M.Gopinathan
Standing Counsel for TANGEDCO)

Vs.

Nil

... Respondent

Dates of hearing: 24-02-2017, 25-04-2017, 02-06-2017,
13-06-2017, and 29-08-2017.

Date of Order: 13-11-2017

The P.P.A.P.No.1 of 2017 came up for final hearing on 29-08-2017. The Commission upon perusal of the Petition and connected records and after hearing the submissions of the Petitioner hereby makes the following:

ORDER

1. Prayer of the Petitioner in P.P.A.P.No.1 of 2017:-

(a) The prayer of the Petitioner in the above P.P.A.P.No.1 of 2017 is,-

(i) to adopt the tariff for procurement of 350 MW RTC power from 01-02-2017 to 15-05-2017 from NEW Region and 672 MW / 632 MW of RTC power from

01-02-2017 to 31-03-2017 and 01-04-2017 to 15-05-2017 respectively from Southern Region successful bidders against Tender No.08-2016 at rates ranging from Rs.2.92 to Rs.4.00 per unit being the landed cost at TN periphery.

- (ii) to approve the procurement of 1634 MU for the period from 01-02-2017 to 15-05-2017 and
- (iii) to pass such other orders as the Commission may consider deemed fit and proper.

2. Facts of the Case:-

The petition is filed under section 63 of the Electricity Act, 2003 seeking adoption of tariff for procurement of 350 MW RTC power from tenderers / generators of NEW Region and 632 MW to 672 MW of RTC power from tenderers / generators from Southern Region for a period of less than one year i.e. from 01-02-2017 to 15-05-2017 in pursuance of Tender No.8 of 2016 floated by TANGEDCO.

3. Contentions of the Petitioner in P.P.A.P.No.1 of 2017:-

3.1. The power position was reviewed by TANTRANSCO and based on the demand and availability, TANTRANSCO gave an indent for procurement of 350 MW for RTC requirement and 500 MW for evening peak from 1st February 2017 to 15th May 2017.

3.2. To meet the anticipated deficit of 350 MW RTC power and 500 MW evening peak power from 1st February 2017 to 15th May 2017, as identified by TANTRANSCO, M.P No 26 of 2016 was filed before the Commission for approval to procure 350 MW RTC power and 500 MW peak power from 01.02.2017 to

15.05.2017. The Commission, in its daily order dated 21.11.2016 directed TANGEDCO to proceed with the tender process.

3.3. Based on the above direction, TANGEDCO published Notice Inviting Tender in two All India Edition of English dailies viz. The New Indian Express and Deccan Chronicles and two Tamil Dailies viz Dhinathanthi and Dhinamani on 22.11.2016 and RfP uploaded in TANGEDCO website on 21.11.2016 and also in DEEP portal for e-bidding on 22.11.2016. The non-financial bids were opened on 28.11.2016. 27 bids were received through e-Bidding portal.

3.4. All bidders have accepted the terms and conditions of RfP without any deviation and uploaded the proof for the payment of required EMD in the form of Bank Guarantee and the proof for having paid the tender processing fees. As all the bids were in order as per the RfP, all bids were considered for opening of price bids.

3.5. All the successful bidders of both RTC and Peak power are from the NEW Region. As per the NLDC's report, the Available Transfer Capacity from NEW Region to SR Region for STOA was 85 MW from 00.00 hrs to 6.00 hrs and 18.00 hrs to 24.00 hrs as on 01.12.2016.

3.6. The additional inter regional corridor between Angul-Srikakulam-Vemagiri line is under execution and as per CEA's report, the line was expected to be charged at 400 kV level by November 2016. However, it was not charged as expected as material required for bay extension is still awaited. Even if the line is commissioned, there may not be adequate quantum for STOA as against ATC of 6900 MW between

NEW region to SR, only 85 MW has been earmarked for STOA that too for only 12 hours per day at present.

3.7. Therefore, to meet the deficit of peak power, other options were examined. It was decided to source the power from Southern Region generators, who had participated in the tender but were not shortlisted by taking approval of the Commission, since there is no transmission constraint in the SR.

3.8. All bidders were addressed for any possible discount on tariff quoted in Initial Price Offer/Reverse Auction that can be offered unconditionally. In response to their letter, M/s NVVN (Source- IL&FS), M/s PTC (Source-Arkay Energy), Manikaran (Source-Sembcorb Gayatri), M/s.Chettinad Cements and Ramco Cements have offered unconditional discounts. The total quantum from Southern Region, who have quoted/offered upto Rs. 4.00 per kwh in Initial Price Offer/Reverse Auction comes to 672 MW during February 2017 and March 2017 and 632 MW during April 2017 and May 2017.

3.9. Hence, a M.P.29 of 2016 was filed before the Commission to procure RTC power from the bidders who have offered rates upto Rs.4.00 per kwh to ensure seamless flow of power instead of 350 MW RTC power and 500 MW peak power and to dispense with peak power procurement as response to peak power was not encouraging as maximum of three offers from Southern Region for a maximum quantum of 135 MW at a quoted rate of Rs.4.70 to Rs.5.80 per kwh have been received and the rate discovered in RA is high when compared to the rate

discovered from RA process of other States from the sources within Southern Region.

3.10. The Commission, during the hearing on 09.12.2016 had given its approval to enter into PPA with generators from SR for procurement of 632 to 672 MW during 1st February to 15th May 2017. Based on the Commission's approval, Letter of Award was issued on 09-12-2016 for a RTC quantum of 672 MW / 632 MW with a ceiling rate of Rs.4.00 per kwh from within Southern Region.

3.11. The details of PPA entered for power procurement between 01.02.2017 to 15.05.2017 as approved by the Commission are as below.

February 2017				
Sl. No.	Name of the Bidder	Source	Qtm (MW)	Rate in Rs per kwh
1	GMR Energy Trading Ltd	GMR Kamalanga Energy Ltd. (Orissa)	100	2.92
2	NVVN Ltd	Vedanta Ltd-Balco (Chhattisgarh)	100	3.10
3	PTC India Ltd.	Jaypee Nigrie Thermal Power Plant (MP)	150	3.10
4	SKI Carbon Black India Pvt Ltd.	SKI Carbon Black India Pvt. Ltd.	14	3.63
5	Manikaran Power Ltd	Sembcorp Gayathri Power Ltd. (AP)	150	3.95
6	NVVN Ltd.	ILFS (TN)	300	3.95
7	PTC India Ltd.	Arkay Energy Ltd. (TN)	90	3.99
8	Chettinad Cement Corporation Ltd.	Chettinad Cement – Karikali (TN)	10	3.99
9	Instinct Infra and Power Ltd.	OPG Power Generation Pvt Ltd. (TN)	50	4.00
10	PTC India Ltd.	Dalmia Cement – Dalmiapuram (TN)	14	4.00
11	PTC India Ltd.	Dalmia Cement – Ariyalur (TN)	11	4.00

12	The Ramco Cements Ltd.	The Ramco Cements Ltd. (TN)	33	4.00
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March 2017				
Sl. No.	Name of the Bidder	Source	Qtm (MW)	Rate in Rs per kwh
1	GMR Energy Trading Ltd	GMR Kamalanga Energy Ltd. (Orissa)	100	3.06
2	NVVN Ltd	Vedanta Ltd-Balco (Chhattisgarh)	100	3.10
3	PTC India Ltd.	Jaypee Nigrie Thermal Power Plant (MP)	70	3.10
4	Manikaran Power Ltd	Jhabhu Power Ltd (MP)	80	3.15
5	SKI Carbon Black India Pvt Ltd.	SKI Carbon Black India Pvt. Ltd.	14	3.50
6	Manikaran Power Ltd	Sembcorp Gayathri Power Ltd. (AP)	150	3.95
7	NVVN Ltd.	ILFS (TN)	300	3.95
8	PTC India Ltd.	Arkay Energy Ltd. (TN)	90	3.99
9	Chettinad Cement Corporation Ltd.	Chettinad Cement – Karikali (TN)	10	3.99
10	Instinct Infra and Power Ltd.	OPG Power Generation Pvt Ltd. (TN)	50	4.00
11	PTC India Ltd.	Dalmia Cement – Dalmiapuram (TN)	14	4.00
12	PTC India Ltd.	Dalmia Cement – Ariyalur (TN)	11	4.00
13	The Ramco Cements Ltd.	The Ramco Cements Ltd. (TN)	33	4.00

April 2017				
Sl. No.	Name of the Bidder	Source	Qtm (MW)	Rate in Rs per kwh
1	NVVN Ltd.	MP Power Management Company Ltd.	200	3.06
2	GMR Energy Trading Ltd	GMR Kamalanga Energy Ltd. (Orissa)	100	3.09
3	PTC India Ltd.	Jaypee Nigrie Thermal Power Plant (MP)	50	3.09
4	SKI Carbon Black India Pvt Ltd.	SKI Carbon Black India Pvt. Ltd.	14	3.50
5	Manikaran Power Ltd	Sembcorp Gayathri Power Ltd. (AP)	150	3.95
6	NVVN Ltd.	ILFS (TN)	350	3.95
7	Chettinad Cement Corporation Ltd.	Chettinad Cement – Karikali (TN)	10	3.99

8	Instinct Infra and Power Ltd.	OPG Power Generation Pvt Ltd. (TN)	50	4.00
9	PTC India Ltd.	Dalmia Cement – Dalmiapuram (TN)	14	4.00
10	PTC India Ltd.	Dalmia Cement – Ariyalur (TN)	11	4.00
11	The Ramco Cements Ltd.	The Ramco Cements Ltd. (TN)	33	4.00

May 2017 (upto 15.05.2017)				
Sl. No.	Name of the Bidder	Source	Qtm (MW)	Rate in Rs per kwh
1	GMR Energy Trading Ltd	GMR Kamalanga Energy Ltd. (Orissa)	100	3.09
2	PTC India Ltd.	Jaypee Nigrie Thermal Power Plant (MP)	250	3.09
3	SKI Carbon Black India Pvt Ltd.	SKI Carbon Black India Pvt. Ltd.	14	3.50
4	Manikaran Power Ltd	Sembcorp Gayathri Power Ltd. (AP)	150	3.95
5	NVVN Ltd.	ILFS (TN)	350	3.95
6	Chettinad Cement Corporation Ltd.	Chettinad Cement – Karikali (TN)	10	3.99
7	Instinct Infra and Power Ltd.	OPG Power Generation Pvt Ltd. (TN)	50	4.00
8	PTC India Ltd.	Dalmia Cement – Dalmiapuram (TN)	14	4.00
9	PTC India Ltd.	Dalmia Cement – Ariyalur (TN)	11	4.00
10	The Ramco Cements Ltd.	The Ramco Cements Ltd. (TN)	33	4.00

3.12. As per clause 7.2 of guidelines issued by MoP for short term procurement of power, Standing Committee was constituted for evaluation of bids and as per clause 11.2 of Mop Guidelines, the Committee has provided appropriate certification in

conformity of the bid process evaluation according to the provisions of RfP document.

4. Contentions of the Petitioner in the Additional Affidavit dated 17-04-2017:-

In their additional affidavit dated 17-04-2017, the Petitioner has furnished the following details of absorption of 350 MW RTC power from NEW Region during February 2017 and March 2017:-

Sl. No.	Name of Generator / Trader	PPA Quantum in MW	Quantum approved by SRLDC and supplied by Generator / Trader	Absorption by TANGEDCO
1	GMR Energy Trading Ltd	100 RTC	0	
2	Manikaran Power Limited/Jhabhu Source	Feb: 0 Mar:80 RTC	0	
3	NTPC Vidyut Vyapar Nigam Limited / Vedanta source	100 RTC	1/2/17 to 28/2/17 0-5 hrs: 100 MW 22-24 hrs.: 100 MW 1/3/17: 0 MW 2/3/17: 0-5 hrs.: 100 MW 22-24 hrs.: 100 MW 3/3/17: 0 MW 4/3/17 to 20/3/17 0-5 hrs: 100 MW 22-24 hrs.: 100 MW 21/3/17 to 31/3/17: 0 MW	Fully absorbed
4	PTC India Limited / JPSTPP Source	Feb:150 RTC Mar:70 RTC	February 0-5 hrs: 98 MW 5-6 hrs.: 45 MW 18-22 hrs.: 45 MW 22-24 hrs.: 119 MW March 0-5 hrs. : 70 MW 22-24 hrs.: 70 MW	Fully absorbed

4.2. Out of 672 MW power contracted from Southern Region during February 2017 and March 2017, 90 MW power was not available as one generator did not supply and only 582 MW power was available during February 2017 and March 2017.

Dispatch of 582 MW from Southern Region during February 2017 and March 2017 is as detailed below:-

Dispatch in percentage (%) of contracted capacity

Duration	February 2017	March 2017	Remarks
0-6 Hrs	70%	90%	Off peak
6-9 Hrs	86%	96%	Peak
9-18 Hrs	72%	94%	Off peak
18-22 Hrs	83%	94%	Peak
22-24 Hrs	69%	90%	Off peak

4.3. Out of energy corresponding to contracted quantum of 391.04 MU for February 2017 and 433.008 MU for March 2017, a quantum of 332.982 MU and 395.53 MU have been scheduled during February 2017 and March 2017 respectively. The dispatch works out to 85.02% for February 2017 and 91.3% for March 2017. The dispatch was done by SLDC as per Merit Order Dispatch principle.

4.4. During the hearing in M.P.No.29 of 2016, it was submitted that procuring 300 MW RTC power @ Rs.4.00 per kwh with 8 hours dispatch daily (i.e. 33% dispatch) and with 16 hours backing down, was equivalent of procuring 500 MW peak power for 5 hrs. at weighted average tariff emerged during reverse auction as below:-

	500 MW Peak Power @ weighted average tariff of Rs.5.32 per kwh	300 MW RTC power at Rs.4.00 per kwh
Despatch	5 hrs	8 hrs
Financial Commitment	$500 \times 5 \times 30 \times 5.32 / 10000 =$ Rs.39.9 cr.	$300 \times 8 \times 30 \times 4 / 10000 =$ Rs.28.8 cr.
Compensation for non-dispatch	Not applicable	$300 \times 16 \times 30 \times 0.8 / 10000 =$ Rs.11.52 cr.
Total financial commitment	Rs.39.9 cr.	Rs.40.32 cr.

5. Contentions of the Petitioner in the Additional Affidavit dated 02-06-2017:-

In their additional affidavit dated 02-06-2017, the Petitioner has stated as follows:-

5.1. The estimated demand for the period from February 2017 to May 2017 by SLDC was 14,200 MW to 15,800 MW from February 2017 to May 2017 during peak and availability was in the range of 13130 MW to 14600 MW during February 2017 to May 2017. Accordingly, a short term tender was floated for the peak requirement of 500 MW and RTC requirement of 350 MW. However, all the successful bids were only from NEW Regions other than SR. Since corridor congestions were not fully relieved for transfer of power to SR, approval of the Commission was taken vide its order dated 09-12-2016 in M.P.No.29 of 2016 to dispense with peak power procurement and to procure 632/672 MW (RTC) from the bidders in SR, who had offered rates upto Rs.4.00 per unit apart from 350 MW RTC from NEW Region, and PPAs executed.

5.2. TANGEDCO, thereafter filed Tariff Adoption Petition (P.P.A.P.No.1 of 2017) praying for adoption of tariff under section 63 of the Electricity Act, 2003.

5.3. The Commission, in its daily order dated 24-02-2017 had directed TANGEDCO to file additional affidavit detailing the absorption of 350 MW RTC from NEW Region and 632/672 MW from Southern Region from 01-02-2017 to 15-05-2017.

5.4. TANGEDCO filed additional affidavit dated 18-04-2017 detailing absorption of 350 MW RTC power from NEW Region and 632/672 MW from Southern Region from 01-02-2017 to 31-03-2017. For the month of April 2017 about 395.84 MU (87%) has been availed from SR and about 108.7 MU (100%) has been availed from NEW Region. SRPC has not released REA for the month of May 2017.

5.5. The Commission, in its daily order dated 25-04-2017 had directed to file additional affidavit detailing power availed and quantum backed down from various sources during the months of February and March 2017.

5.6. The Electric Power Survey of the country is conducted by CEA to forecast electricity demand on short, medium and long term basis as a foremost planning exercise to base subsequent planning activities.

5.7. As per MOP guidelines for procurement of power under medium term and long term, the distribution licensees shall be guided by the demand forecasted in the latest Electric Power Survey report.

5.8. As per IEGC Regulations, the demand estimation is to be done on a daily / weekly / monthly / yearly basis for the current year by the SLDC for operational purposes.

5.9. SLDC carries out its own demand estimation from the historical data and weather forecast data from time to time. The Distribution Licensee therefore plans

its short term procurement based on demand estimation prepared by the SLDC from time to time.

5.10. The Grid Management involves real time operation. Load / demand varies on minute to minute basis and varies due to various factors like weather, consumption by various categories of consumers. The real time operation has been done according to Merit Order principle by SLDC.

6. Contentions of the Petitioner in the Additional Affidavit in terms of the order dated 02-06-2017:-

In their affidavit dated 21-06-2017, the Petitioner has furnished the following principles followed while giving backing down instruction as listed by SLDC:-

- (i) Merit Order stack list is arrived taking into account of the variable cost of Generators.
- (ii) The generators of higher variable cost are requested to back down first followed by the succeeding high cost generators.

7. Findings of the Commission:-

7.1. We have heard the standing counsel for TANGEDCO Thiru.M.Gopinathan and the Chief Engineer (PPP). The prayer of the petitioner TANGEDCO in the present petition is for approval of procurement of 350 MW RTC Power from NEW Region for the period from 01.02.2017 to 15.05.2017 and 672 MW / 632 MW of RTC Power from the Southern Region for the period 01.02.2017 to 15.05.2017 against the Tender No.8 of 2016 floated by TANGEDCO at the rates ranging from Rs.2.92 to 4.00 per unit being the landed cost at Tamil Nadu Periphery. Approval has also been sought for procurement of 1856.25 MU for the period from 01.02.2017 to

15.05.2017. Before proceeding to examine the present prayer of the petitioner, it is necessary to briefly set out the background leading to the filing of the present petition.

7.2. The M.P.No.26 of 2016 was initially filed by TANGEDCO seeking approval for procurement of 350 MW RTC Power and 500 MW peak power for the period from 01.02.2017 to 15.05.2017 and to float tender No.8 of 2016 for procurement of the same through e-bidding portal (DEEP). The TANGEDCO submitted in the said proceedings that the demand of the State of Tamil Nadu was steadily increasing and an all time high demand of 15343 MW was met on 29.04.2016 and all time high consumption of 345.617 million units was made on 29.04.2016. TANGEDCO justified the indent given for procurement of 350 MW RTC and 500 MW Peak Power on various grounds namely, hydro shortage, meagre wind generation during January to March, delay in commissioning the second unit of 1000 MW Kundankulam Nuclear Power Station, 3 x 800 MW Kudgi STPP stage-1 and the availability of solar only during day time which may not be considered for peak requirement. The Commission, after having considered the requirements set out by TANGEDCO accorded its approval for procurement of 350 MW RTC and 500 MW Peak Power. Thereupon, another petition in M.P.No.29 of 2016 came to be filed before the Commission seeking to award LOA / PPA for RTC revised quantum of 632/672 MW RTC power with a ceiling rate of Rs.4.00 per kwh from the Southern Region instead of 350 RTC and 500 MW peak power as sought for in the M.P.No.26 of 2017 and to further dispense with the peak power requirement altogether in view of the high cost of procurement of peak power. Based upon the justifications given by TANGEDCO for going in for procurement of RTC Power to the extent of 632/672 MW from the

Southern Region, Commission accorded its approval for procurement of power at rates upto Rs.4.00 per unit in order to ensure seamless flow of power.

7.3. The present petition has been filed for approval of adoption of Tariff for procurement of 350 MW RTC Power from 01.02.2017 to 15.05.2017 from the NEW Region and 672/632 MW of RTC Power from 01.02.2017 to 15.05.2017 from the Southern Region successful bidders against Tender No.8 of 2016 at rates ranging from Rs.2.92 to Rs.4.00 per unit being the landed cost at Tamil Nadu Periphery and to further approve procurement of 1634 MU for the period from 01.02.2017 to 15.05.2017. Based on the said prayer in the present PPAP No.1 of 2017, the Commission directed TANGEDCO on 24.02.2017 to file an additional affidavit detailing the quantum of absorption and availability out of 350 MW RTC Power from NEW Region and 632/672 MW of RTC Power from Southern Region from 01.02.2017 to 15.05.2017. Accordingly, TANGEDCO filed an affidavit dated 18.04.2017 detailing absorption of 350 MW RTC Power from NEW Region and 632/672 MW of RTC Power from Southern Region from 01.02.2017 to 31.03.2017. The Commission also directed TANGEDCO on 25.04.2017 to file another affidavit detailing power availed and quantum of power backed down from various sources during the months of February and March 2017 adequately explaining the principles adopted for backing down / availment. Accordingly, TANGEDCO filed an additional affidavit dated 02.06.2017 detailing the instances of backing down. On the question of principles in backing down, TANGEDCO has listed the principles followed by SLDC in regard to the backing down which are as follows;

- i. Merit Order stack list is arrived taking into account of the variable cost of generators.*

- ii. *The generators of higher variable cost are requested to back down first followed by the succeeding high cost generators.*

7.4. The Commission has gone through the present power purchase approval petition and the two additional affidavits filed by TANGEDCO in this regard. It is to be observed here that the procurement of power is based on the requirement of power estimated by TANGEDCO for a particular period. In the additional affidavit dated 02.06.2017, it is stated by TANGEDCO that the estimated demand for the period from February 2017 to May 2017 by SLDC was in the order of 14200 MW to 15800 MW and the availability in the said period was in the range of 13130 MW to 14600 MW and hence, a short term tender was floated for peak requirement of 500 MW and RTC requirement of 350 MW. However, subsequently in M.P.No.29 of 2017, the TANGEDCO prayed for only 632/672 MW of RTC power from the southern region only leaving out the peak power requirements altogether. In the process, TANGEDCO has also left out the prayer for requirement of power from the NEW Region though as stated in Para 16 of M.P.No.29 of 2016 Letters of Acceptance had already been issued for 350 MW RTC. In M.P.No.29 of 2016, the Commission could not have considered the approval for procurement of 350 MW of RTC given the fact that there was no prayer to that effect though there was a mention of the same at Para 16 of the petition and therefore, the approval was not given in the order dated 29.12.2016 in M.P.No.29 of 2016. Now a prayer has been made for procurement of 350 MW RTC power from the NEW Region as well in the PPAP No.1 of 2017. On going through the prayer in PPAP No.1 of 2017 and the contents set out in M.P.No.29 of 2016, Commission finds that there was an omission on the part of TANGEDCO in seeking relief in M.P.No.29 of 2016 and the same is sought to be

cured in the present PPAP No.1 of 2017 wherein the prayer for procurement of power of 350 MW of RTC has also been included.

7.5. However, before proceeding to examine the present proposal of TANGEDCO for adoption of 350 MW of RTC power from NEW Region and 632/672 MW of RTC power from Southern Region, the Commission deems it fit and appropriate to observe as follows:-

TANTRANSCO has projected demand of 15800 MW by adding 3% additional demand over and above the all time high demand of 15343 MW and the maximum consumption of 345.617 MU recorded on 29.06.2016 at 19.05 hrs. at the frequency of 50.14 hz. $[15343\text{MW} \times (103/100) = 15800 \text{ MW}]$.

7.6. The actual demand recorded by the LD Center from 01.02.2017 to 15.07.2017 as per the daily statement of power position received from LD center is given in the Annexure.

7.7. The Commission finds that the actual recorded demand is very much less than the estimated demand. TANTRANSCO has not estimated the demand for power on realistic basis taking into account the various factors prevailing during the period such as failure of the North East monsoon, agricultural load consumption due to drought like situation prevailing, climatic change, etc.

7.8. In the absence of adequate demand, the procurement of short term power from 01.02.2017 to 15.05.2017 for 350 MW of RTC power from NEW Region as well as 632 / 672 MW RTC power from Southern Region has resulted in backing down of

TANGEDCO's own power plants and also backing down of even the cheaper power from Central Generating Station by paying the fixed cost.

7.9. Therefore, the Commission directs that in future TANTRANSCO has to realistically estimate the requirement of power and the supply availability and accordingly plan for procurement of power required.

7.10. In view of the fact that power has already been procured and flown into the grid, Commission adopts the rates ranging from Rs.2.92 to Rs.4.00 per unit discovered in the Tender No.8 of 2016 floated by TANGEDCO for procurement of 350 MW of RTC Power from NEW Region and also 632/672 MW of RTC Power from the Southern Region for the period from 01.02.2017 to 15.05.2017.

Ordered accordingly.

8. Appeal:-

An appeal against this order shall lie before the Appellate Tribunal for Electricity under section 111 of the Electricity Act, 2003 within a period of 45 days from the date of receipt of a copy of this order by the aggrieved person.

(Sd)
(Dr.T.Prabhakara Rao)
Member

(Sd.....)
(G.Rajagopal)
Member

(Sd.....)
(S.Akshayakumar)
Chairman

/ True Copy /

Secretary
Tamil Nadu Electricity
Regulatory Commission

ANNEXURE

	February 2017			Consumption MU	Consumption MU. This day last year i.e. Feb. 2016	Consumption Lesser This year (MU) compared to last year
	Lighting peak / Evening peak	Off peak/ Min. load	Mornin g peak			
Demand forecast Director (Operation)	MW	MW	MW			
Actual Demand. Report Dated						
Feb 01	12880	9625	12376	263.040	276.426	-13.386
Feb 02	12832	9515	12403	266.541	276.426	-9.885
Feb 03	12850	9626	12682	265.816	278.570	-12.754
Feb 04	13060	9851	12530	276.191	284.213	-8.022
Feb 05	12668	9597	11620	265.541	281.287	-15.746
Feb 06	11570	8973	11995	251.646	269.010	-17.364
Feb 07	13246	10088	12615	259.635	283.218	-23.583
Feb 08	13609	10394	13167	279.663	289.252	-9.589
Feb 09	13569	10274	12945	283.962	292.907	-8.945
Feb 10	13602	10268	13365	283.999	292.907	-8.908
Feb 11	13451	10247	12872	282.882	290.060	-7.178
Feb 12	13248	10121	11991	281.408	271.718	9.690
Feb 13	12136	9313	12902	259.376	271.718	-12342
Feb 14	13198	10392	13100	279.884	283.407	-3.523
Feb 15	13349	10188	13179	291.188	294.823	-3.635
Feb 16	13372	10280	13035	284.468	295.224	-10.756
Feb 17	13489	10185	13299	280.578	292.879	-12.301
Feb 18	13395	10400	12967	282.180	300.180	-18.000
Feb 19	13392	10481	12167	284.720	300.166	-15.446
Feb 20	12162	9701	13152	267.289	289.295	-22.006
Feb 21	13733	10700	13739	287.031	301.895	-14.864
Feb 22	14082	11100	12862	297.907	298.520	-0.613
Feb 23	13763	11114	12913	294.732	304.323	-9.591
Feb 24	13728	11003	12710	295.822	305.467	-9.645
Feb 25	13232	11218	13034	292.551	306.088	-13.537
Feb 26	13590	11097	12424	288.549	300.416	-11.867
Feb 27	12217	10185	13325	277.656	286.262	-8.606
Feb 28	13729	10903	13665	291.222	293.588	-2.366

	March 2017			Consumption MU	Consumption MU. This day last year i.e. March 2016	Consumption Lesser This year (MU) compared to last year
	Lighting peak / Evening peak	Off peak/ Min. load	Morning peak			
Demand forecast Director (Operation)	MW	MW	MW			
Actual Demand. Report Dated						
March 01	14061	11023	13200	292.344	304.348	-12.004
March 02	13729	10930	13220	291.665	303.986	-12.321
March 03	14081	11054	13292	294.491	305.336	-10.845
March 04	13581	11027	13372	292.227	310.608	-18.381
March 05	13096	10879	12277	287.399	308.134	-20.735
March 06	12355	10220	12827	268.786	287.426	-18.640
March 07	13924	10899	13036	289.189	303.542	-14.353
March 08	14188	11231	14007	298.993	309.186	-10.193
March 09	13504	11497	13012	299.606	314.886	-15.28
March 10	13620	11215	12796	299.035	310.873	-11.838
March 11	13108	11066	12772	294.315	313.567	-19.252
March 12	13642	11451	11963	295.782	311.432	-15.65
March 13	12417	10380	12404	277.679	295.858	-18.179
March 14	13552	11083	13034	289.525	305.64	-16.115
March 15	13746	11178	13325	299.262	319.303	-20.041
March 16	14217	11344	13010	294.893	321.767	-26.874
March 17	14177	11614	13699	298.816	321.243	-22.427
March 18	14194	11849	13283	305.961	323.818	-17.857
March 19	13986	11544	12478	304.893	318.058	-13.165
March 20	12393	10950	13133	287.807	297.323	-9.516
March 21	14419	11370	13244	308.211	314.737	-6.526
March 22	14529	12178	13762	312.863	327.015	-14.152
March 23	14484	12102	13862	315.057	322.881	-7.824
March 24	14587	12115	13577	315.733	320.415	-4.682
March 25	14693	12234	13453	314.614	315.86	-1.246
March 26	14320	12231	12547	315.652	317.897	-2.245
March 27	13074	11395	13471	294.202	298.782	-4.58
March 28	14525	12325	13669	311.469	309.58	-1.889
March 29	14649	12531	13734	322.362	323.661	-1.299
March 30	14633	12548	13776	320.766	321.819	-1.053
March 31	14534	12724	13721	325.357	319.314	6.043

	April 2017			Consumption MU	Consumption MU. This day last year i.e. April 2016	Consumption Lesser This year (MU) compared to last year
	Lighting peak / Evening peak	Off peak/ Min. load	Morning peak			
Demand forecast Director (Operation)	15800 MW	15800 MW	15800 MW			
Actual Demand. Report Dated						
April 01	14781	12570	13309	321.339	320.420	0.919
April 02	14616	12501	12443	315.501	320.303	-4.802
April 03	12848	11860	13230	293.648	306.142	-12.494
April 04	14552	12795	13731	312.812	315.310	-2.498
April 05	14733	12764	13887	321.580	320.142	1.438
April 06	14660	12872	13948	323.404	326.667	-3.263
April 07	14702	13033	13777	324.400	324.898	-0.498
April 08	14706	13164	13629	327.740	326.250	1.490
April 09	15230	13085	13033	334.892	317.559	17.333
April 10	13066	12150	13649	306.230	299.925	6.305
April 11	14440	13036	13813	319.768	317.328	2.440
April 12	14360	12794	13796	323.166	327.674	-4.508
April 13	14797	12911	13395	326.332	334.077	-7.745
April 14	14514	12680	12870	328.667	320.298	8.369
April 15	13715	12115	12904	309.744	327.829	-18.085
April 16	14240	12686	12454	312.826	329.053	-16.227
April 17	13096	11701	12986	301.08	314.142	-13.062
April 18	14452	12714	13233	313.334	328.689	-15.355
April 19	14710	13051	13506	320.37	336.489	-16.119
April 20	15240	13327	13744	330.689	336.966	-6.277
April 21	14334	12798	13653	326.919	337.554	-10.635
April 22	14271	12892	13121	321.636	333.142	-11.506
April 23	14106	12632	12116	315.868	335.283	-19.415
April 24	12722	12150	12765	297.699	313.596	-15.897
April 25	14843	12762	12847	313.415	330.196	-16.781
April 26	13694	11811	11957	312.504	336.159	-23.655
April 27	14151	12084	11971	304.713	336.005	-31.292
April 28	14821	13080	13570	311.173	342.632	-31.459
April 29	14844	13469	13664	330.058	345.617	-15.559
April 30	14877	13187	13098	333.175	334.491	-1.316

	May 2017			Consumption MU	Consumption MU. This day last year i.e. May 2016	Consumption Lesser This year (MU) compared to last year
	Lighting peak / Evening peak	Off peak/ Min. load	Morning peak			
Demand forecast Director (Operation)						
Actual Demand. Report Dated						
May 01	13543	12682	12365	309.77	307.863	1.907
May 02	12734	11526	12777	293.74	327.663	-33.923
May 03	14494	12900	13508	312.75	339.967	-27.217
May 04	14972	12978	13528	325.575	343.097	-17.522
May 05	14699	13263	13965	330.17	340.97	-14.522
May 06	14986	13223	13656	336.707	331.057	5.66
May 07	14371	13220	12853	325.444	331.057	-5.613
May 08	12213	11180	12410	301.635	296.812	4.823
May 09	14256	12966	13387	310.645	306.591	4.054
May 10	13817	11340	12422	319.707	319.966	-0.259
May 11	13778	12245	12850	302.821	310.383	-7.562
May 12	14227	12428	13045	311.177	307.892	3.285
May 13	14432	12465	12892	317.77	323.798	-6.028
May 14	14077	12509	12325	315.259	322.432	-7.173
May 15	13047	11530	12268	300.986	295.597	5.389