

ANNEXURE – 2

PROGRESS OF ALL NEW UPCOMING POWER STATIONS

1.0 Expected date of commissioning committed by the contractors during the CS Review meeting on 11.01.2013 is furnished below.

Sl.No	Name of the Project	Sector	Capacity (in MW)	Scheduled date	Earlier commitment made by the contractors & indicated in the previous report to TNERC.	Expected date of commissioning.	Contractor
1	Mettur Thermal Power Project - Stage 3 (MTPP) (1x 600 MW)	State	600	23/09/11	Dec 2012	March 2013	M/s.BGRESL
2	North Chennai Thermal Power Project – Stage-II (2x600 MW)	State	1200	Unit-II - 16/11/11 Unit -I - 18/05/11	Unit-II Dec 2012 Unit-I March 2013	Unit-II March 2013(FL) (COD - April 2013) Unit-I April 2013(FL) (COD- May 2013)	M/s.BHEL
3	NTPC TNEB JV Project (NTECL) at Vallur (3x 500MW) (Share 75 %)	Joint Venture	1500 (Share-1125)	Unit-I –12/10/10 Unit-II-12/03/11 Unit-III- 27/09/12	Unit-I Nov 2012 Unit-II Jan 2013 Unit III July 2013	Unit-I - COD declared on 29.11.2012 Unit-II February 2013 Unit III October 2013	NTPC TNEB JV (NTECL) Sub- Contractor – for NTPC -M/s. BHEL
4	NLC TNEB JV Project (NTPL) at Tuticorin (2 X 500 MW) (Share 38.7 %)	Joint Venture	1000 (Share 387)	Unit-I – 28.03.March'12 Unit –II – Aug'12	Unit-I June 2013 Unit II July 2013	Unit-I December 2013 Unit II March 2014	NLC TNEB JV(NTPL) Sub- Contractor- for NLC -M/s. BHEL

2.0 The Present status of power plants where the anticipated date of commissioning was committed as November 2012 & December 2012 in the previous report submitted to Hon'ble TNERC is detailed below:

2.1 Mettur Thermal Power Station Stage 3 (1 x 600 MW)

The EPC cost of the project is Rs.3100.06 crores. The work was awarded to M/s BGR Energy Systems Ltd and commenced on 25.06.2008. The project is to be commissioned by September 2011 as per the Contract Schedule. However, there is a slippage. Due to the delay in Coal handling, Ash Handling, Milling System and Bunkers Erection, etc., the commissioning is delayed. In order to facilitate the Commissioning, the Contract has been extended up to 23.12.2012 and further extension upto 31.3.13 is underway.

So far 87% of works have been completed. Unit Synchronized with oil on 04.05.2012. Full load with 608 MW was achieved on 11.10.12 and the initial operation of the unit was under progress from 23.11.12 to 04.12.12. Unit load was being maintained at 350- 500 MW till 04.12.12. The unit was under forced shut down from 04.12.12 to attend to few technical problems that were encountered during the period of initial operation. On completion of entire Coal Handling System and Ash Handling system the unit is expected to be commissioned with full load on sustained basis by March 2013 as committed by M/s.BGRESL during the Chief Secretary's review meeting on 11.01.13.

2.2 North Chennai Thermal Power Station stage II (2X600MW) UNIT 2- 600 MW:

The EPC cost of the project is Rs.2175 crores. This work also has been awarded to M/s.BHEL and commenced on 16.8.2008. The project should have been commissioned in November 2011 as per Schedule. At present, Coal Handling System, Cooling water system, Ash handling system etc are under progress.

So far 92% of works have been completed. 400 KV GIS switchyard was commissioned on 09.12.12. The unit has been synchronized with grid on 17.12.2012 and reached 101 MW (with oil). The boiler has been lit up for coal firing on 19.01.13. Safety valve floating is under progress. Sustained generation of 250 MW to 300 MW is expected from 30.01.2013. As committed by M/s.BHEL during the Chief Secretary's review meeting on 11.01.13, sustained full load generation of 600 MW is expected from 31.03.13 after completion of entire Coal Handling System & Ash Handling System.

2.3 1500 MW (3 x 500 MW) thermal power project Joint venture with National Thermal Power Corporation, at Vallur in Thiruvallur District: Unit I

Total cost of the project (3X 500 MW) is Rs.8444 crores. Works commenced on 13.8.07 for Unit 1. Main plant works for all three units have been awarded to M/s. BHEL. Unit I was synchronized on 09.03.2012 and full load reached on 28.03.12. COD was declared on 29.11.12. Unit is generating about 300-350 MW after attending to a few teething problems that were encountered during trial operation. Sustained generation of 500 MW could not be achieved in January 2013 due to the problems in cooling water system & ID fan. Further, sufficient coal stock is also not available since NTECL have not signed Fuel Supply Agreement with Coal India Limited for want of clearance from NTPC. Generation of 500 MW on sustained basis is expected to be achieved in February 2013.