



# TAMILNADU POLLUTION CONTROL BOARD

CONSENT ORDER NO. 15082454443

DATED: 18/05/2015.

PROCEEDINGS NO.T2/TNPCB/F.0104AMB/RL/AMB/A/2015 DATED: 18/05/2015

**SUB:** Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT –M/s. NTPC TAMILNADU ENERGY COMPANY LIMITED , S.F.No. 1556, VELLIVOYAL village, Ponneri Taluk and Tiruvallur District - Renewal of Consent for the operation of the plant and discharge of emissions under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) –Issued- Reg.

**REF:** 1.Proc No T4/F31581/TVLR-AMB/RL/ TNPCB/W/2014 Dated 01.12.2014

2.Proc No T4/F31581/TVLR-AMB/RL/ TNPCB/A/2014 Dated 01.12.2014.

3.FIR.No:F.0104AMB/R/L/JCEE-M/AMB/ 2015 Dated 29.04.2015

RENEWAL OF CONSENT is hereby granted under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) (hereinafter referred to as "The Act") and the rules and orders made there under to

The CEO

M/s.NTPC TAMILNADU ENERGY COMPANY LIMITED,

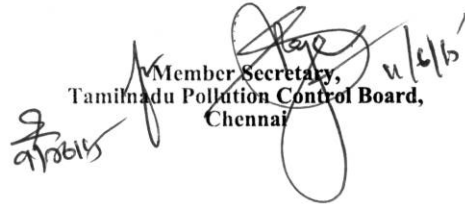
S.F.No. 1556,

VELLIVOYAL village,.

Authorizing the occupier to operate the industrial plant in the Air Pollution Control Area as notified by the Government and to make discharge of emission from the stacks/chimneys.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

**This RENEWAL OF CONSENT is valid for the period ending March 31, 2016**

  
Member Secretary,  
Tamilnadu Pollution Control Board,  
Chennai

POLLUTION PREVENTION PAYS

வகம் துய்ப்பை வர்ப்பைக்கு! புறம் துய்ப்பை வர்ப்பைக்கு!



# TAMILNADU POLLUTION CONTROL BOARD

## SPECIAL CONDITIONS

1. This renewal of consent is valid for operating the facility for the manufacture of products (Col. 2) at the rate (Col. 3) mentioned below. Any change in the products and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

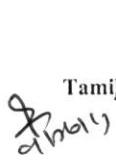
Sl. No.	Description	Quantity	Unit
<b>Product Details</b>			
1.	Power generation (3x500) MW	1500	MW

2. This renewal of consent is valid for operating the facility with the below mentioned emission/noise sources along with the control measures and/or stack. Any change in the emission source/control measures/change in stack height has to be brought to the notice of the Board and fresh consent/Amendment has to be obtained.

<b>I Point source emission with stack :</b>				
Stack No.	Point Emission Source	Air pollution Control measures	Stack height from Ground Level in m	Gaseous Discharge in Nm <sup>3</sup> /hr
3	DG SET 500 KVA -2 NOS	Stack	25	
1	Boiler 1725 T/hour- 2 Nos	ESP with stack	275	
2	Boiler 1725 T/hour- 1 No	ESP with stack	275	
<b>II Fugitive/Noise emission :</b>				
Sl. No.	Fugitive or Noise Emission sources	Type of emission	Control measures	

### Additional Conditions:

- 1.The unit shall ensure that the coal is stored in a completely paved area with provisions for leachate collection and the coal storage yard is provided with wind barriers of sufficient height. The height of the coal piles shall be lower than that of the wind barrier. The system shall be complete and commission the same within 3 months.
- 2.The unit shall collect the fly ash from the ESP and transfer to the storage silo with pneumatic vacuum conveying system and to ensure proper operation to control the dust emission to satisfy the standards prescribed by the Board. The system shall be complete and commission before September 2015.
- 3.The unit shall ensure 100% collection of dry ash so as to minimize the disposal of the same in the ash pond. The system shall be complete and commission the same within 6 months.
- 4.The unit shall complete the coal handling system, leachate collection system at storage, wind barrier of sufficient height higher than coal piles, and dust suppression system/ water sprinklers operate efficiently so as to bring down the emission to satisfy the standards prescribed by the Board. The system shall be complete and commission the same within 6 months.
- 5.The coal movement within the plant shall be only through closed conveyor and all transfer points of the conveyor shall be provided with bag filters to control dust emission. The system shall be complete and commission the same within 6 months.
- 6.The unit shall operate the bag filter, cyclone separator in the coal handling and pulverizing area to contain the dust to satisfy the standards prescribed by the Board. The system shall be complete and commission before September 2015.
- 7.Green belt of adequate width and density should be provided to mitigate the effects of fugitive emission all around the plant. A minimum of 33% of the total land acquired should be developed as green belt at the rate of 400 trees/hectare with species in consultation with the local District Forest Officer.
- 8.The unit shall provide online monitoring system for the waste water letting out from the plant as per the direction issued by the CPCB on or before 30.06.2016 and to furnish bank Guarantee for the 100% cost monitoring system to the Board within 15 days time.

  
Member Secretary,  
Tamil Nadu Pollution Control Board,  
Chennai

**POLLUTION PREVENTION PAYS**

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## TAMILNADU POLLUTION CONTROL BOARD

To  
CEO,  
M/s.NTPC TAMILNADU ENERGY COMPANY LIMITED,  
VALLUR THERMAL POWER PROJECT,VELLIVOYAL CHAVADI PO,PONNERI TALUK,TIRUVALLUR DT,CHENNAI  
600103,  
Pin: 600103

**Copy to:**

- 1.The Commissioner, MEENJUR-Panchayat Union, Ponneri Taluk, Tiruvallur District .
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, AMBATTUR.
3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Chennai.

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**POLLUTION PREVENTION PAYS**

**அகம் தூய்மை வாய்மைக்கு! புறம் தூய்மை வாழ்வுக்கு!**