

**J -13012/134/2010-IA.II (T)**  
**Government of India**  
**Ministry of Environment & Forests**

Paryavaran Bhavan, C.G.O. Complex,  
Lodi Road, New Delhi -110003.  
Tele/fax: 011- 2436 3973

Dated: 21<sup>st</sup> September, 2011

To

M/s Samalkot Power Limited  
H Block, 1<sup>st</sup> Floor,  
Dhirubhai Ambani Knowledge City,  
Navi Mumbai- 400 710, Maharashtra

**Subject: 2400 MW Gas Based expansion project at Samalkot Power Station, at IDA Peddapuram Industrial Estate, East Godawari District in Andhra Pradesh by M/s Samalkot Power Limited - regarding change in configuration**

Sir,

This has reference to your letter no. nil dated 27.07.2011 requesting for the amendment in environmental clearance due to change in the module configuration.

2. The proposal has been examined. It is noted that the module configuration for 2400 MW (Phase-I & II) was envisaged by six modules each of 400 MW comprising 1 Gas Turbine (265 MW- Nominal) + 1 Heat Recovery Stream Generator + 1 Stream Turbine (135 MW- Nominal). It is now proposed to change the above configuration and to reduce the modules from 6 to 3 without changing the number and capacity of gas turbines and the total project capacity of 2400 MW. The revised configuration would be three modules each of 800 MW comprising 2 Gas Turbines (265 MW - Nominal) + two Waste Heat Recovery Boiler + 1 Stream Turbine (270 MW - Nominal).

3. It is noted that the revised module configuration envisaged is 3x800 MW instead of 6x400 MW (Phase -I & II) without changing the total capacity of 2400 MW for which environmental clearance has been accorded. The number and capacity of gas turbine generator set shall remain same. There would be no change in the number of Heat recovery stream generator and associated stacks. The only change in configuration is due to the consolidation of two stream turbine generators into one. Two numbers of gas turbine generators and two numbers of heat recovery stream generators would be attached with each stream turbine generator.

4. The fuel requirement due to the revised module configuration would remain same as per the earlier requirement of 12.04 mmscmd. There will be no additional land requirement. Since the number of gas turbines and their capacities would remain the same, there will be no change in the emission levels.

5. In view of the above, the Ministry has no objection for change in module configuration from 6x400 to 3x800 MW subject to the condition that the overall capacity of 2400 MW for which environmental clearance has been accorded shall remain the same. The company shall comply with the conditions stipulated by the Ministry vide letters no. J-13012/37/2009-IA.II (T) dated 28.05.2010 for 1200 MW (Phase-I) and vide letter no. J-13012/134/2010-IA.II (T) dated 26.04.2011 for 1200 MW (Phase-II).

6. In future, in case of change of the scope of the project, the company shall obtain fresh environmental clearance.

This issues with the approval of the Competent Authority.

Yours faithfully,

  
(Dr. P.L. Ahujarai)  
Scientist 'F'

**Copy to:**

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi 110001.
2. The Secretary (Environment), Forests and Environment Department Government of Andhra Pradesh.
3. The Chairman, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi-110066.
4. The Chairman, Andhra Pradesh State Pollution Control Board, Paryavaran Bhawan, A-3, Industrial Estate, Sanath Nagar, Hyderabad -500 018.
5. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi- 110032.
6. The Chief Conservator of Forests, Regional Office (SZ), Kendriya Sadan, 4<sup>th</sup> Floor E&F Wings 17<sup>th</sup> Main Road, 1 Block, Koranmangala, Bangalore -560 034.
7. The District Collector, East Godavari District, Govt. of Andhra Pradesh.
8. Guard file / Monitoring file.

(Dr. P.L. Ahujarai)  
Scientist 'F'