

## MINUTES

### THIRD MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC) GOVERNMENT OF TAMILNADU, CHENNAI-32 held on 17<sup>th</sup>, 18<sup>th</sup> & 19<sup>th</sup> July 2008.

#### PRESENT:

#### COMMITTEE

1	Dr. Muthiah Mariappan	Chairman
2	Shri. R. Ramachandran	Secretary
3	Dr. K. Thanasekaran	Member
4	Dr. M.P. Chockalingam	Member
5	Prof. T. Swaminathan	Member
6	Shri. V. Ramadoss, IAS(Retd)	Member
7	Dr. A.G. Murugesan	Member
8	Dr. V. Sunderaraj	Member
9	Prof. K. Muthuchelian	Member
10	Dr. H. Mohamad Kasim	Member

#### Representatives of the Projects

- Representatives of M/s Bharath Petroleum Corporation Ltd, Gummidipoondi  
Representatives of M/s Ashley Alteams India Private Ltd.,SIPCOT, Cheyyar Taluk  
Representatives of M/s American International School Chennai, Taramani, Chennai - 113  
Representatives of Riverside Infrastructure India Pvt Ltd., M/s. Marg Constructions Limited,  
Karapakkam Village, Tambaram Taluk  
Representatives of M/s PS Srijan Projects, Krishnarayapuram Village,  
Coimbatore North Taluk., Coimbatore District.  
Representatives of M/s Puravankara Projects Ltd., Thoraipakkam Village,  
Tambaram Taluk, Kancheepuram District.  
Representatives of M/s. DLF Hiltons Hotels Limited, Egattur Village, Kelambakkam,  
Padur Post, Chengal pattu Taluk, Kancheepuram District  
Representatives of M/s DLF Info Park Developers (Chennai) Ltd., Kottivakkam Village,  
Tambaram Taluk.  
Representatives of M/s Sree Gurunathaa Pulverisher, Katheri Village, Salem District  
  
Representatives of M/s OM Shakty Fire Reality Pvt.Ltd, Paruthipatti Village,  
Tiruvallur District  
Representatives of M/s Oracle Software Park Developers Pvt. Ltd., Velachery, Chennai  
Representatives of M/s Classic Mall Development Company Pvt Ltd.,  
Velachery, Chennai  
Representatives of M/s TALCO – Dindigul Tanners Enviro Control System Pvt. Ltd,  
Dindigul.  
Representatives of M/s Perundurair Leather Industries,Eco- Security (P) Ltd,  
Varapalayam Village, , Erode Dist.  
Representatives of M/s Rai Steel & Energy, SIPCOT Industrial complex,  
Gummiddipoondi  
Representatives of M/s Denny Steels Private Ltd, Kavanur Village, Arakkonam Taluk,  
Vellore District

Representatives of M/s Tata Communication Internet Data Center, Ambattur  
 Representatives of M/s Prince Foundations Limited, S.No. 90/3B, 3C, etc,  
 Pudupakkam Village, Chengalpattu Taluk, Kancheepuram District  
 Representatives of M/s Virgo Realtors Pvt. Ltd, Koilambakkam Village,  
 Kancheepuram Dt.  
 Representatives of M/s CEEBROS Developers, Okkiyam Thoraipakkam Village,  
 Tambaram Taluk, Kancheepuram District.  
 Representatives of M/s VGN Enterprises, Nolambur Village, Ambattur Taluk,  
 Tiruvallore District.  
 Representatives of M/s Suriyabalaji Steels Pvt Ltd., Pudukottai  
 Representatives of M/s Basudha Udyog Pvt.Ltd, Gummiddipoondi, Thiruvallur District  
 Representatives of M/s Synergy Shakthi Renewable Energy Ltd, Bargur, Dharmapuri District  
 Representatives of M/s Servalakshmi Papers Pvt. Ltd., Kodaganallur Village, Tirunelveli Dt.  
 Representatives of M/s Decan Estates & Construction Ltd, Ramanathapuram Village,  
 Coimbatore District  
 Representatives of M/s Rattha Holding Company Pvt Ltd., Okkiyam Thoraipakkam Village,  
 Tambaram Taluk, Kancheepuram District.  
 Representatives of M/s MK Aromatics Limited, (Polymer Energy Plant), Alathur,  
 Kancheepuram District.  
 Representatives of M/s Thirumalai Chemicals Ltd, Ranipet, Vellore District.  
 Representatives of M/s Chemidye Manufacturing Company, Ranipet, Vellore Dist.  
 Representatives of M/s SVISS Labs Limited, Ranipet, Vellore Dist.

**3-00-00 GENERAL INTRODUCTION BY THE CHAIRMAN AND SECRETARY OF THE COMMITTEE**

The Chairman and Secretary welcomed the Members of the SEAC for the third meetings and the projects were taken for appraisal.

**3-01-01 M/s. Bharath Petroleum Corporation Ltd, LPG Filling Plant, J1-J6, SIPCOT Industrial complex, Gummiddipoondi - 6 (b) Isolated storage & Handling of Hazardous Chemical - Environmental Clearance - Regarding.**

The Committee decided to call for from the proponent a revised Form I mentioning all the details of existing as well as proposed activity. The details in respect of water quality, quantity and air quality, sewage, the risk involved in respect of bottling area, the details of existing green belt area and eco system.

**3-01-02 M/s. Ashley Alteams India Private Ltd., Plot No.8, SIPCOT Industrial Complex, Chellamperumbulimedu Village, Cheyyar Taluk, Thiruvannamalai District - 3(a) Metallurgical Industries (Ferrous & Non-ferrous) - Environmental Clearance - Regarding.**

The committee decided to call for the following details.

1. Material balance of the Aluminium used.
2. The details of characteristics of the trade effluent and sewage.
3. The collection tank in the STP scheme to be modified.
4. The sludge management in ETP.
5. The flue gas analysis for the pollutants.

**3-01-03 M/s. American International School Chennai, 100 feet Road, Taramani, Chennai - 8(a) Building & Construction Projects - Environmental Clearance - Regarding.**

The committee decided to recommend for the environmental clearance subject to the following conditions:

1. The school authority should avoid the usage of pesticides in the pond and application of chlorine for water treatment and swimming pool treatment.
  2. The maintenance of the pond located within the premises shall be monitored for the water quality and the steps taken should be made available to the statutory body
  3. Mosquitoes breeding to be managed by biological means.
- 3-01-04 **Riverside Infrastructure India Pvt Ltd., by M/s. Marg Constructions Limited, S.Nos 139/1A, etc, Karapakkam Village, Tambaram Taluk, Kancheepuram District - 8(a) Building & Construction Projects - Environmental Clearance -Regarding.**  
The Committee decided to call for the following details:
1. The management of solid waste.
  2. Specific details regarding excavated earth and debris disposal.
  3. Impact on the socio economic aspects in the area.
  4. CO, CO2, SPM, etc., monitoring in the basement/ parking areas.
  5. Stack details for the DG sets to be given.
  6. Clarifications regarding CRZ Regulations.
- 3-01-05 **M/s. PS Srijan Projects, S.Nos. 334/2 etc., Krishnarayapuram Village, Coimbatore North Taluk, Coimbatore District. - 8(a) Building & Construction Projects - Environmental Clearance - Regarding.**  
The Committee decided to call for the revised Form I with the following details:
1. Authenticated documented for disposal of excavated soil and treated solid waste.
  2. The characteristics of the solid waste and quantification before disposal.
  3. Source of water for the consumption .
  4. Existing Flora and fauna and their abundance.
  5. Green belt species proposed.
  6. Basement area Co, CO2, SPM, etc., monitoring and management.
  7. Sewage Treatment plant below ground level /operational data from an existing plant.
  8. Alternate source of water to be identified.
- 3-01-06 **M/s. Puravankara Projects Ltd., Thoraipakkam Village, Tambaram Taluk, Kancheepuram District - 8(a) Building & Construction Projects - Environmental Clearance - Regarding.**  
The Committee decided to call for the following details:
1. The baseline data regarding air quality, land and ground water must be provided.
  2. The impact of the project on the traffic and on the air quality on the road used to be analyzed.
  3. E-waste management to be presented with details regarding types of waste and quantity of waste.
  4. The socio economic impact of the project to be documented.
  5. The storm water drain connection must be justified.
  6. The water supply from CMWSSB to be confirmed.
  7. The existing flora and fauna must be provided.
  8. The data of an operating STP in the basement must be provided.
- 3-01-07 **M/s. DLF Hiltons Hotels Limited, 1A, Gangai Amman Koil Street, Egattur Village, Kelambakkam, Padur Post, Chengal pattu Taluk, Kancheepuram District - 8(a) Building & Construction Projects - Environmental Clearance - Regarding.**

The Committee decided to call for the following details:

1. The authenticated document for supply / drawal of the water from competent Authority.
2. The management of the solid waste by vermi composting and the land for disposal of the treated solid waste (vermi compost).
3. Permission from the Local Authorities for disposing the storm water into Buckingham Canal.
4. The stack details for Boiler stack to be provided.
5. The existing air quality in and around the proposed site to be reassessed.
6. STP / ETP to be modified to accommodate waste from kitchen and laundry
7. Management of the swimming pool water.

3-01-08 **M/s. DLF Info Park Developers (Chennai) Ltd., SF.No. 1 (part) Mylapore Triplicane Taluk & SF. Nos 300/2B, 300/2C & 301/3 of Kottivakkam Village, Tambaram Taluk - 8 (b) Building & Construction Projects - Environmental Clearance - Regarding.**

The Committee decided to call for the following details:

1. The impact of the project on the traffic and on the air quality on the road used to be analyzed.
2. E-waste management to be presented with details regarding types of waste and quantity of waste.
3. The socio economic impact of the project to be documented.
4. The storm water drain connection must be justified.
5. The water supply from CMWSSB to be confirmed.
6. The impact of MRTS on the proposed project must be explained.
7. Disinfection of treated waste water by using UV to be explained/ operational data must be provided.
8. Existing flora and fauna (Bio diversity) must be detailed.

3-01-09 **M/s. Sree Gurunathaa Pulverisher, Katheri Village, Salem District - 3(b) Cement Plant (Stand alone grinding units) - Environmental Clearance-Regarding.**

The Committee treat the unit under B2 Category.

The Committee decided to call for the following details:

- 1.Storage and handling of raw material (Clinker, Fly ash & Gypsum).
2. Environmental quality and control management plan for operation.
- 3.Land use pattern of the site to be identified by the competent authority.
- 4.Noise from the ball mill should be appropriately controlled.
5. Green belt species and plan of implementation.
6. Personal protective equipment for the employees.

3-01-10 **M/s. LRC Specialty Chemicals Private Ltd, SIDCO Industrial, Kakkalur Village, Tiruvallore Taluk & District - 5(f) Synthetic organic Chemicals Industry - Environmental Clearance - Regarding.**

The project proponent has not turned out for presentation However they made a representation by a letter stating that they will present the project proposal in the forth coming meeting.

3-01-11 **M/s. OM Shakty Fire Reality Pvt. Ltd, Paruthipatti Village, Avadi, Tiruvallur District - 8(a) Building & Construction Projects- Environmental Clearance - Regarding.**

The Committee decided to call for representation with EIA Report including the following aspects

1. Documentary evidence regarding permission to construct residential complex and the water supply, solid waste disposal tie - up from competent authorities.
2. To describe Land use category.
3. To employ exclusive agency for solid waste management.
4. To describe STP /disinfection method for treating effluent.

3-01-12 **M/s. Oracle Software Park Developers Pvt. Ltd., Velachery, Chennai. - 8(a) Building & Construction Projects- Environmental Clearance - Regarding.**

The Committee decided to call for the following details:

1. Documentary evidence for the water supply from competent authorities.
2. Performance of the STP (SAFF) from existing plants.
3. Appropriate management for E-waste to be furnished.
4. Vermi composting scheme to be described.
5. Site for the disposal of excavated soil to be identified.
6. Valid permission for disposal of treated sewage into municipal sewerage system.
7. Use of chlorine for disinfection purposes shall be dispensed with.

3-01-13 **M/s. Classic Mall Development Company Pvt Ltd., Velachery, Chennai - 8(a) Building & Construction Projects - Environmental Clearance - Regarding.**

The Committee decided to call for representation with EIA Report including the following aspects:

1. The proponent shall prepare EIA detailing the activities, possible impacts on the environment and the eco system.
2. Traffic study including the impact of the proposed construction of software technology park project in the adjacent site of M/s. Oracle Software Park Developers Pvt. Ltd., Velachery, Chennai.
3. Documentary evidence for the water supply from competent authorities.
4. Performance of the STP (SAFF) from existing plants.
5. Vermi composting scheme to be described.
6. Site for the disposal of excavated soil to be identified.
7. Valid permission for disposal of treated sewage into municipal sewerage system.
8. Use of chlorine for disinfection purposes shall be dispensed with.

3-01-14 **M/s. TALCO – Dindigul Tanners Enviro Control System Pvt. Ltd, Dindigul. - 7 (d) Common Hazardous waste treatment, storage & Disposal Facilities - Environmental Clearance - Regarding.**

The Committee discussed the project in detail and suggested the following TORs:-

- (i) The total waste generation should be checked and the accurate data to be provided.
- (ii) Action taken report with regard to the issues raised by the public hearing.
- (iii) Third party evaluation shall be under taken to ensure the functioning of the landfill site, and details provided.
- (iv) Details of the waste, its characterization.
- (v) The criteria stipulated by CPCB should be followed in planning, design, construction, operation maintenance of the land fill. If there are any

changes/deviation, the same may be indicated with proper justification. If any such changes/deviation have been approved by any competent authority , the evidence for the same to be furnished.

(vi) Details of the site selection criteria based on the guideline of CPCB especially with regard to the ground water flow.

(vii) Details of the contingency plan in case of accidents and action proposed to be taken.

(viii) To identify the suitable trees saplings to be planted around the project site.

(ix) Layout plan of the area.

(x) Details of the gas to be monitored .

(xi) Method adopted to prevent degradable waste and details of impounding. Details of the impounding facility for different kind.

(xii) Stabilization should be done based on the ANS (Leachability test) not on TCLP.

(xiii) Impact of breaching and impact.

(xiv) Details of the pollution control measures.

(xv) Details of the treatment for the leachate.

(xvi) To check the base line data and provide the revised data taking recourse to secondary sources.

Public hearing to be conducted for the project and Environmental Impact Assessment and EMP to be submitted.

3-01-15 **M/s. Perundurai Leather Industries Eco - Security (P) Ltd, Varapalayam Village, Near SIPCOT, Perundurai, Erode Dist. - 7(d) Common Hazardous waste treatment, storage & Disposal Facilities – Environmental Clearance-Regarding.**

The Committee discussed the project in detail and suggested the following TORs:-

(i) The total waste generation should be checked and the accurate data to be provided.

(ii) Action taken report with regard to the issues raised by the public hearing.

(iii) Third party evaluation shall be under taken to ensure the functioning of the landfill site, and details provided.

(iv) Details of the waste, its characterization.

(v) The criteria stipulated by CPCB should be followed in planning, design, construction, operation maintenance of the land fill. If there are any changes/deviation, the same may be indicated with proper justification. If any such changes/deviation have been approved by any competent authority , the evidence for the same to be furnished.

(vi) Details of the site selection criteria based on the guideline of CPCB especially with regard to the ground water flow.

(vii) Details of the contingency plan in case of accidents and action proposed to be taken.

(viii) To identify the suitable trees saplings to be planted around the project site.

(ix) Layout plan of the area.

(x) Details of the gas to be monitored.

(xi) Method adopted to prevent degradable waste and details of impounding. Details of the impounding facility for different kind.

(xii) Stabilization should be done based on the ANS (Leachability test) not on TCLP.

(xiii) Impact of breaching and impact.

- (xiv) Details of the pollution control measures.
- (xvii) Details of the treatment for the leachate.
- (xviii) To check the base line data and provide the revised data taking recourse to secondary sources.

Public hearing to be conducted for the project and Environmental Impact Assessment and EMP to be submitted.

3-01-16 **M/s. Rai Steel & Energy, SIPCOT Industrial complex, Gummiddipoondi - 3(a) Metallurgical Industries (Ferrous & Non-ferrous) - Environmental Clearance - Regarding.**

The Committee decided to call for the following details:

1. The physical and chemical characteristics of the scrap and slag.
2. The identified user agency for disposal of slag.
3. Stack height for the D.G. Sets.
4. Safety and ventilation arrangements in furnace area.
5. Appropriate and suitable trees species for green belt development.
6. Necessary occupational safety and health requirements.

3-01-17 **M/s. Denny Steels Private Ltd, Ekhu Nagar, Kavanur Village, Arakkonam Taluk, Vellore District - 3(a) Metallurgical Industries (Ferrous & Non-ferrous) - Environmental Clearance - Regarding.**

The Committee decided to call for the following details:

1. The physical and chemical characteristics of the scrap and slag.
2. The identified user agency for disposal of slag.
3. Stack height for the D.G. Sets.
4. Safety and ventilation arrangements in furnace area.
5. Appropriate and suitable trees species for green belt development.
6. Necessary occupational safety and health requirements.

3-01-18 **M/s. Tata Communication Internet Data Center, Ambattur, Thiruvallur Dist. - 8(a) Building & Construction Projects - Environmental Clearance - Regarding.**

The Committee decided to call for the following details:

1. Permission for cutting of trees from Forest Department.
2. To provide details of E-Waste generation and disposal.
3. To revise traffic survey data.
4. Documentary evidence for the water supply from competent authorities

3-01-19 **M/s. Prince Foundations Limited, S. No. 75, 94 & 95, Pudupakkam Village, Chengalpattu Taluk, Kancheepuram District - 8(a) Building & Construction Projects - Environmental Clearance - Regarding.**

The project proponent has not turned out for presentation However they made a representation that they will present the project proposal in the forth coming meeting.

3-01-20 **M/s. Prince Foundations Limited, S.No. 90/3B, 3C, etc., Pudupakkam Village, Chengalpattu Taluk, Kancheepuram Dist - 8(a) Building & Construction Projects - Environmental Clearance - Regarding.**

The Committee decided to call for the following details:

1. Documentary evidence for the water supply from competent authorities.
2. Solid waste management system to be explained for operational feasibility.
3. The treated sewage cannot be transported from the proposed project site.
4. The socio-economic factors must be explained.
5. Fauna and flora must be provided.

3-01-21 **M/s. Virgo Realtors Pvt. Ltd, Koilambakkam Village, Kancheepuram**

**District - 8(a) Building & Construction Projects - Environmental Clearance - Regarding.**

The Committee decided to call for the following details:

1. Ground water clearance to be obtained from the competent authority for drawal of water.
2. Comprehensive solid waste collection, quantification, treatment and disposal system.
3. Adequacy of parking area to be ascertained.
4. Water balance and treated sewage disposal to be submitted.
5. No car washings by treated waste water.
6. Socio-economic study to be conducted.
7. Fauna and flora must be provided.
8. Traffic survey and analysis to be furnished.

3-01-22 **M/s.CEEBROS Developers, S.No.248/3B1A1 (Part) & 249/1B (Part), Okkiyam Thoraipakkam Village, Tambaram Taluk, Kancheepuram District -8(a) Building & Construction Projects - Environmental Clearance - Regarding.**

The Committee decided to call for the following details:

1. The excess earth excavated from the site should be disposed off at another site with valid consent from the local authorities.
2. The alternative source of water supply to be explored in the event of non availability of the water from the CMWSSB.
3. Description of E-waste and its disposal to be furnished.
4. The PWD guidelines must be followed in respect of rainwater harvesting scheme.
5. The landscaping details for the disposal of treated sewage and existing flora and fauna must be provided.
6. The provision of cess pool must be avoided during construction phase.
7. Regarding sewage treatment, the characteristics of raw sewage and treated sewage to be furnished. The characteristics of treated sewage used for flushing and gardening should conform to the standards.
8. The STP sludge treatment and management to be clearly stated.

3-01-23 **M/s. VGN Enterprises, Nolambur Village, Ambattur Taluk, Thiruvallore District - 8(a) Building & Construction Projects - Environmental Clearance - Regarding.**

The Committee decided to call for the following details:

1. The road developed within the site by the proponent and the liability of the Municipality for future use and maintenance to be addressed.
2. The treated waste water management is to be revised to contain the entire quantity within the site
3. The standards for treated sewage for intended use have to be spelt.
4. The PWD guidelines must be followed in respect of rainwater harvesting scheme.
5. The landscaping details for the disposal of treated sewage and existing flora and fauna must be provided.
6. The valid consent from the local body for disposal of treated solid waste.

3-01-24 **M/s. Suriyabalaji Steels Pvt Ltd., SIPCOT, Nathampennai, Pudukottai - 3(a) Metallurgical Industries ( Ferrous & Non-ferrous) - Environmental Clearance - Regarding.**

The Committee recommended for Environmental Clearance subject to the

submission of following details:

1. The composition of the flue gas before the scrubber.
2. The composition of the slag to be disposed.
3. Green belt development to be provided.
4. Stack emission characteristics.
5. Waste management for unused raw materials, waste from pollution control equipments and slag residue.
6. Occupational health and safety to the workers.

3-01-25 **M/s. Basudha Udyog Pvt. Ltd, Thandalachery Village, Gummiddipoondi Tk., Thiruvallur District – 4 (b) Coke Oven Plants - Environmental Clearance - Regarding.**

The Committee decided to issue the following TORs:

1. A write up on the technology to be followed for the non-recovery type of the coke oven.
2. Commitment indicating installation of coke oven and WHRB simultaneously should be included.
3. A note on the possibility of using dry quenching. If not, reasons with technical justification for not adopting dry quenching.
4. Existing ambient air, stack emission monitoring of HC, CO along with SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> should be included.
5. An action plan to control and monitor secondary fugitive emissions should be included as per CPCB guidelines.
6. Air Pollution Control System proposed for the Coke oven plant and WHRB.
7. A note on the type of the water to be used and adherence to the quantity of water/ton of the coke.
8. Permission for the drawal of ground water from PWD/CGWA and water balance data including quantity of effluent generated, recycled and reused and discharged is to be provided.
9. A note on the methods adopted/to be adopted for the water conservation.
10. Ground water monitoring minimum at 8 locations should be incorporated.
11. Action plan for solid/hazardous waste generation, storage, utilization and disposal.
12. Risk assessment and damage control needs to be addressed.
13. Occupational health of the workers needs elaboration.
14. Green belt development plan in 33% area and a scheme for rainwater harvesting have to be put in place.
15. Socio-economic development activities need to be elaborated upon.

These 'TORs' should be considered for the preparation of EIA/EMP report for the above mentioned project in addition to all the relevant information as per the 'General Structure of EIA' given in Appendix III and III A in the Notification, 2006. All the issues mentioned in the 'Public Hearing Report' and Public Consultation must also be addressed and incorporated in the proposed EIA/EMP report.

3-01-26 **M/s. Synergy Shakthi Renewable Energy Ltd, SIPCOT Industrial Complex, Bargur, Dharmapuri District - 1(d) Thermal Power plants (Bio-Fuel) - Environmental Clearance - Regarding.**

The Committee decided to call for the following details:

1. Flue gas Analysis for the biomass to be provided.
2. Analysis of ash to be furnished.
3. The number of days of coal use, quantum of coal use and their environmental

implications.

4. Noise pollution inside the power plant should be provided.
5. Wheeling of power arrangement with TNEB.
6. Creation of Energy plantations.
7. Coal tie up with coal producers.
8. Utilisation of ash and the storage facility for the ash collection and disposal to be furnished.

3-01-27 **M/s. Servalakshmi Papers Pvt. Ltd., Vetuvankulam Road, Kodaganallur Village, Tirunelveli Dist. - 1(d) Thermal Power plants - Environmental Clearance - Regarding.**

Based on the consideration of the documents submitted and the presentation made by the project proponent, the Committee prescribed the following Terms of Reference (TORs) for preparing draft EIA report for the above mentioned project:

- i) All the coordinates of the plant site as well as ash pond with topo sheet.
- (ii) The study area should cover an area of 10 km radius around the proposed site.
- (iii) Land use of the study area as well as the project area shall be given.
- (iv) Location of any National Park, Sanctuary, Elephant / Tiger Reserve (existing as well as proposed), migratory routes, if any, within 10 km of the project site shall be specified and marked on the map duly authenticated by the Chief Wildlife Warden.
- (v) Land requirement for the project to be optimized. Item wise break up of land requirement and its availability to be furnished. The norms prescribed by CEA should be kept in view.
- (vi) Details of RO plant and disposal of RO rejects, boiler blow down, softener rejects to be furnished.
- (vii) Topography of the area should be given clearly indicating whether the site requires any filling. If so, details of filling, quantity of fill material required, its source, transportation etc. should be given.
- (viii) Impact on drainage of the area and the surroundings.
- (ix) Information regarding surface hydrology and water regime and impact of the same, if any due to the project.
- (x) One season site-specific meteorological data shall be provided.
- (xi) One complete season AAQ data (except monsoon) to be given along with the dates of monitoring. The parameters to be covered shall include SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> and Ozone (ground level). The location of the monitoring stations should be so decided so as to take into consideration the pre-dominant downwind direction, population zone and sensitive receptors including reserved forests. There should be at least one monitoring station in the upwind direction.
- (xii) Impact of the project on the AAQ of the area. Details of the model used and the input data used for modeling should also be provided. The air quality contours may be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any. The wind

roses should also be shown on this map.

- (xiii) Fuel analysis to be provided (sulphur, ash content and mercury). Details of auxillary fuel, if any including its quantity, quality, storage etc should also be given.
- (xiv) Quantity of fuel required its source and transportation. A confirmed fuel linkage should be provided.
- (xv) Source of water and its availability. Commitment regarding availability of requisite quantity of water from the competent authority. Necessary approval letter should be obtained from the competent authority for drawl of ground water if any. Specific to power plant shall be obtained.
- (xvi) Details of rainwater harvesting and how it will be used in the plant.
- (xvii) Examine the feasibility of zero discharge. In case of any proposed discharge, its quantity, quality and point of discharge, users downstream etc. should be provided.
- (xviii) Optimization of COC for water conservation. Other water conservation measures proposed in the project should also be given.
- (xix) Details of water balance taking into account reuse and re-circulation of effluents.
- (xx) Details of greenbelt i.e. land with not less than 1500 trees per ha giving details of species, depth of plantation, planning schedule etc.
- (xxi) Detailed plan of ash utilization / management.
- (xxii) Details of evacuation of ash.
- (xxiii) Details regarding ash pond impermeability and whether it would be lined, if so details of the lining etc.
- (xxiv) Detailed R&R plan/compensation package for the project affected people shall be prepared taking into account the socio economic status of the area, homestead oustees, land oustees, landless laboureres.
- (xxv) Details of flora and fauna duly authenticated should be provided. In case of any scheduled fauna, conservation plan should be provided.
- (xxvi) Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.
- (xxvii) Public hearing points raised and commitment of the project proponent on the same. An action plan to address the issues raised during public hearing and the necessary allocation of funds for the same should be provided.
- (xxviii) Measures of socio economic influence to the local community proposed to be provided by project proponent. As far as possible, quantitative dimension to be given.
- (xxix) Impact of the project on local infrastructure of the area such as road network and whether any additional infrastructure would need to be constructed and the agency responsible for the same with time frame.

- (xxx) EMP to mitigate the adverse impacts due to the project along with item wise cost of its implementation.
- (xxxi) Risk assessment to be undertaken. Based on the same, proposed safeguard measures should be provided. Measures to guard against fire hazards should also be provided.
- (xxxii) Any litigation pending against the project and /or any direction /order passed by any Court of Law against the project, if so, details thereof.

Besides the above, the following general points will be followed:-

- a) All documents to be properly referenced with index, page numbers and continuous page numbering.
- b) Where data is presented in the report especially in table, the period in which the data was collected and the source should invariably be indicated.
- c) Where the documents provided are in a language other than English, an English translation should be provided.
- d) The Questionnaire for environmental appraisal of thermal power projects as devised earlier by the MoEF shall also be filled and submitted.

In addition to the above, information on the following may also be incorporated in the EIA report.

Is the project intended to have CDM-intent?

(i) If not, then why?

(ii) If yes, then

- (a) Has PIN (Project Idea Note) {or PCN (Project Concept Note)} submitted to the NCA (National CDM Authority) in the MoEF.
- (b) If not, then by when is that expected.
- (c) Has PDD (Project Design Document) been prepared.
- (d) What is the Carbon intensity from your electricity generation projected (i.e. CO<sub>2</sub> Tons/MWH or Kg/KWH)
- (e) Amount of CO<sub>2</sub> in Tons/year expected to be reduced from the baseline data available on the CEA web-site (<http://www.cea.nic.in/>)

Notwithstanding 1(i) above, data on (d) & (e) above to be worked out and reported.

After preparing the draft EIA (as per the generic structure prescribed in Appendix-III of the EIA Notification, 2006) covering the above mentioned issues, the proponent will get the public hearing conducted and take further necessary action for obtaining environmental clearance in accordance with the procedure prescribed under the EIA Notification, 2006.

3-01-28 **M/s. Decan Estates & Construction Ltd, Ramanathapuram Village, Coimbatore District - 8(a) Building & Construction Projects - Environmental Clearance - Regarding.**

The Committee decided to call for the following details:

1. Authenticated document for the supply of water from Coimbatore Municipal Corporation.

2. STP details and solid waste management.
3. Norms of the MoEF for Car parking to be adopted.
4. Management of the Treated Sewage should be within the site.
5. The treatment of solid waste should be provided at the designated site.

3-01-29 **M/s Rattha Holding Company Pvt Ltd., Okkiyam Thoraipakkam Village, Tambaram Taluk, Kancheepuram District - 8(a) Building & Construction Projects - Environmental Clearance - Regarding.**

The Committee decided to call for the following details:

1. Existing Environmental quality data to be checked.
2. Sludge treatment should be part of sludge management.
3. Traffic survey at the project site to be conducted and impact of the project on the traffic to be assessed.
4. Check up on the area provided for treatment plant.

3-01-30 **Polymer Energy Plant, by M/s. MK Aromatics Limited, Plot No 43-47, Alathur SIDCO Industrial Estate, Alathur, Kancheepuram District - 5(f) Synthetic organic Chemicals Industry - Environmental Clearance -Regarding.**

The Committee decided to call for representation of the project with all relevant details:

1. Characterisation of raw material and the detail of the manufacturing processes along with operational data are to be submitted.
2. Technology of Air and waste water pollution control management to be provided.
3. Health and Safety to the workers and handlers of raw material and products are to be provided.
4. Chemical Composition of products and end use of the products.

3-01-31 **M/s. Thirumalai Chemicals Ltd, 25-B, SIPCOT Industrial Complex, Ranipet, Vellore District. - 5(f) Synthetic organic Chemicals Industry - Environmental Clearance - Regarding.**

The Committee recommends for environmental clearance.

3-01-32 **M/s. Chemidye Manufacturing Company, 25-A, SIPCOT Industrial Complex, Ranipet, Vellore Dist. - 5(f) Synthetic organic Chemicals Industry - Environmental Clearance - Regarding.**

The Committee recommends for environmental clearance.

3-01-33 **M/s. SVISS Labs Limited, SIPCOT Industrial Complex, Ranipet - 5(f) Synthetic organic Chemicals Industry - Environmental Clearance -Regarding.**

Based on the consideration of the TORs submitted by the proponent and the presentation made by the project proponent, the Committee prescribed the following additional Terms of Reference (TORs) for preparing draft EIA report for the above mentioned project:

1. The Water balance to be provided.
2. ETP details to be provided.
3. Solvent storage cum recovery and fugitive emission monitoring to be furnished.
4. Solid waste characteristics and disposal to be provided.

The meeting ended with a vote of thanks to the Chair.

**To consider further Appraisal of the projects with the response of the Proponents to the clarifications/undertakings called for by the SEAC in the previous meeting held on 8<sup>th</sup> – 10<sup>th</sup> May 2008, 12<sup>th</sup> – 13<sup>th</sup> June 2008 and subsequently discussed during the meeting held on 17<sup>th</sup> – 19<sup>th</sup> July, 2008.**

- 1.01.27 M/s. WIPRO Limited, Mahindra Industrial Park Ltd., Chengalpattu Taluk, Kancheepuram District - Additional particulars submitted by the Proponents, Placed for Decision of SEAC - Environmental Clearance - Regarding.  
The committee examined the proposal furnished by the proponent for determining whether the project requires detailed Environmental Impact Assessment and decided that the project falls under category 'B2' of Schedule 8(a) and will not require an EIA report.  
The committee has decided to recommend to grant Environmental Clearance.
- 3.06 M/s. Estra I.T. Park Pvt. Ltd., Ayyappan Thangal, Sriperumbudur Taluk, Kancheepuram District - Additional particulars submitted by the Proponents, Placed for Decision of SEAC - Environmental Clearance -Regarding.  
The committee examined the proposal furnished by the proponent for determining whether the project requires detailed Environmental Impact Assessment and decided that the project falls under category 'B2' of Schedule 8(a) and will not require an EIA report.  
The committee has decided to recommend to grant Environmental Clearance.
- 3.07 M/s. ECCI Info-Park Ltd., Shollinganallur Village, Tambaram Taluk, Kancheepuram District - Additional particulars submitted by the Proponents, Placed for Decision of SEAC - Environmental Clearance-Regarding.  
The committee examined the proposal furnished by the proponent for determining whether the project requires detailed Environmental Impact Assessment and decided that the project falls under category 'B2' of Schedule 8(a) and will not require an EIA report.  
The committee has decided to recommend to grant Environmental Clearance.