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E-mail sankar.banerjee@dvcindia.org

# DAMODAR VALLEY CORPORATION

EM & PC SECTION, 10<sup>th</sup> FLOOR,  
DVC TOWERS, VIP ROAD, KOLKATA - 700 054

No. EM&PC/MT- 17/ 8.3

Date: June 18, 2012

To  
The Director  
Ministry of Environment & Forests  
Govt. of India  
Paryavaran Bhawan  
New Delhi - 110 003.

Sub: Additional land requirement for Mejia Thermal Power  
Station, DVC, Mejia.

Dear Sir,

This is to bring to your kind information that DVC's Mejia Thermal Power Station was came into operation with three units (3 X 210 MW) in the years 1996, 1998 & 1999 at an area measuring 2555.34 acres after getting statutory clearance from the appropriate authority. Further to the above, the following capacity addition programme was undertaken by DVC.

1. 4th unit (1 X 210 MW) in the year February 2005
2. 5th unit (1 X 250 MW) in the year February 2008
3. 6th unit (1 X 250 MW) in the year Sept, 2008
4. 7th unit (1 X 500 MW) in the year Aug, 2011
5. 8th unit (1 X 500 MW) COD yet to declared

No additional land was acquired during the above capacity addition programme. At present Mejia Thermal Power Station is suffering from huge deficiency of land for its ash disposal of total 8 units, capacity of which is 2340 MW. The condition of the ash pond is very critical and becoming very difficult to hold ash day by day. More over the design of the ash pond was prepared at the inception of Mejia Thermal Power Station when there was no concept to enhance the holding capacity of ash accordingly designs of the ash pond is not permitting to raise the dyke height. Considering the critical situation as described above, now there is no option other than to acquire additional land measuring 300 acres for construction of a new Ash Pond.

Hope, you will consider the critical situation as stated above and give us permission for submitting application to the appropriate authority for allotment an additional land measuring 300 acres at MTPS.

Yours faithfully,

(S. N. Banerjee)

Chief Engineer(EM&PC)

Copy to (NIO):

1. The Director(Tech.), DVC, Kolkata.
2. The Director(Proj.), DVC, Kolkata.
3. The Sr. P. S. to Chairman, DVC, Kolkata.

375  
Date 26.2.04

No. J- 13011/ 1/2003.JA-II(T)  
Government of India/ Bharat sarkar  
Ministry of Environment & Forests  
(Paryavaran Aur Van Mantralaya)

Paryavaran Bhawan.  
CGO Complex, Lodi road,  
New Delhi-110003

10<sup>th</sup> February, 2004.

To

→ The Director (Tech),  
Damodar Valley Corporation,  
DVC Towers, VIP Road,  
Kolkata-700 054  
West Bengal

CE (EM/EP/PC)  
for compliance M  
SDF (M) / SDF (G)  
for h-c A  
26/2/04  
27/2/04

Sub: 2x250 MW Mejia Thermal Power Station Expansion (units 5&6)  
At village Durlavpur, district Bankura, West Bengal of M/S  
Damodar Valley Corporation- Environmental clearance reg.

Sir,

The undersigned is directed to refer to your communications no. EDCON/EM&PC/MT(Extn)5&6 dated 20.12.2002 and EDCON/EM&PC/MT (Extn) 5&6-159 dated 05.05.2003 on the above mentioned subject.

2. The proposal is regarding expansion of Mejia Thermal Power Station by installation of two units of 250 MW each in the premises of existing power plant. The existing infrastructure facilities will be utilized. Coal requirement will be 2.08 MTPA . Capital cost of the project will be Rs. 2214.56 Crores. Cost of environmental protection is Rs. 77.35 crores.
3. On the basis of the information submitted by the project proponent from time to time and after its consideration by the Expert Committee for Thermal Power Projects, environmental clearance is

May kindly see  
Director (Tech) bvc 10P

hereby accorded subject to implementation of following terms and conditions:

- i) All the conditions stipulated by West Bengal Pollution Control Board vide their letter no. 2281-2N-134/2002 dated 31.10.2002 should be strictly implemented.
- ii) No additional land shall be acquired except 15 acres of land for raw water pipeline.
- iii) Coal requirement is estimated at 2.08 MTPA for the expansion scheme having calorific value of 4200 K.Cal/kg with 43% ash content and 0.38% sulphur content in the worst case scenario.
- iv) A twin flue stack of 220 m height shall be provided with continuous online monitoring equipment. Exit velocity of 22m/sec should be maintained. The emission level should not exceed 30% of the normal AAQ. Monitoring of this aspect shall be done by the West Bengal Pollution Control Board and in case the above limits are not adhered to, the proponent should take such remedial measures as may be prescribed by MOEF/SPCB.
- v) Twin pass Electrostatic Precipitator (ESP) with adequate redundancy in field should be installed to limit outlet SPM emission from each flue to 75 ug/Nm<sup>3</sup>.
- vi) Ash generation would be 0.89 MTPA at 80% PLF and 1.12 MTPA at 100% PLF. 100% fly ash shall be utilised in dry form, out of which 40% shall be utilised for cement production and the remaining for filling up abandoned mines. Ash generated should be used in a phased manner as per provisions of the notification on Fly Ash Utilisation issued by the Ministry in September, 1999 and as amended in August, 2003. By the end of 9<sup>th</sup> year full fly ash utilisation should be ensured. A copy of MOU entered between MTPS and Lafarge Group for setting up a cement plant should be submitted to the Ministry after receipt of this clearance letter.
- vii) Water requirement should not exceed 2300 m<sup>3</sup>/hr with waste water recovery and 2595 m<sup>3</sup>/hr without waste water recovery.

- Of the discharge of 29732 m<sup>3</sup>/day, 80.72% (24000m<sup>3</sup>/day) will be recycled. A new Effluent Treatment Plant (ETP) should be constructed.
- viii) Central Groundwater Authority/Board shall be consulted for finalisation of appropriate water harvesting technology within a period of two months from the date of clearance.
  - ix) Submit a copy of commitment for zero discharge of waste water after ETP comes into operation failing which the quality of the effluent will be monitored by the West Bengal Pollution Control Board.
  - x) Regular monitoring of water quality including heavy metals should be undertaken around ash pond and the project area to ascertain the change in the water quality, if any, due to leaching of contaminants from ash disposal area.
  - xi) Noise level should be limited to 75 Leq and regular maintenance of equipment be undertaken. For people working in the area of generator and other high noise area, earplug should be provided.
  - xii) Greenbelt should be developed in about 600 acres outside MTPS estate through state Forest Deptt. Plantation on 336.5 ha of land should also be done by 2005. Tree density of 1500-2000 trees per ha should be maintained. A mechanism should be evolved for involving the Local Gram Panchayat in monitoring the programme for Green belt development and for keeping it informed of the progress in this respect from time to time. For advise on the selection of appropriate species and the cultural practices to be adopted Kalyani University shall be consulted.
  - xiii) Regular monitoring of the air quality should be carried out in and around the power plant and records be maintained. Periodic six monthly report should be submitted to this Ministry.
  - xiv) For controlling fugitive dust, regular sprinkling of water in vulnerable areas of the plant should be ensured.

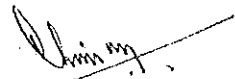
- xv) The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which should be in the vernacular language of the locality concerned, informing that the project has been accorded environmental clearance and copies of clearance letters are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at <http://envfor.nic.in>.
- xvi) A separate environment monitoring cell with suitable qualified staff should be set up for implementation of the stipulated environmental safeguards.
- xvii) Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards should be submitted to this Ministry/ Regional Office/CPCB/SPCB.
- xviii) Regional Office of the Ministry of Environment & Forests located at Bhubaneswar will monitor the implementation of the stipulated conditions. Complete set of Environmental Impact assessment Report and Management Plan should be forwarded to the Regional Office for their use during monitoring.
- xix) Separate funds should be allocated for implementation of environmental protection measures alongwith item-wise break-up. These cost should be included as part of the project cost. The funds earmarked for the environment protection measures should not be diverted for other purposes and year-wise expenditure should be reported to the Ministry.
- xx) Full cooperation should be extended to the Scientists/Officers from the Ministry/Regional Office of the Ministry at Bhubaneswar/the CPCB/the SPCB who would be monitoring the compliance of environmental status.

4. The Ministry reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Ministry.
5. The environmental clearance accorded shall be valid for a period of 5 years for construction/operation of the power plant. In case, if the project authorities fails to do so within this stipulated period then the project proponent has to seek re-validation of the environmental

:5:

clearance two months prior to expiry of the environmental clearance failing which the clearance accorded shall stand lapsed automatically.

6. In case of any deviation or alteration in the project proposed from those submitted to this Ministry for clearance, a fresh reference should be made to the Ministry to assess the adequacy of the condition(s) imposed and to add additional environmental protection measures required, if any.
7. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management and Handling) Rules, 1989, the Public Liability Insurance Act, 1991, the Environment Impact assessment Notification of January, 1994 and its amendments.



(A. DURAISAMY)  
DIRECTOR

Copy to:

1. Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi-110001.
2. Secretary (Environment & Forests), Government of West Bengal, 4, Fairlie Place, 2<sup>nd</sup> Floor, Kolkata-700 001
3. Chairman, Central Electricity Authority, Sewa Bhawan, R.K.Puram, New Delhi-110066.
4. Chairman, West Bengal Pollution Control Board, Block LA, Building No.10, Sector 4, Salt Lake City, Kolkata-700 091 with respect to display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's office for 30 days.

:6:

5. Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
6. Chief Conservator of Forests, Eastern Regional Office, Ministry of Environment & Forests, 194, Kharvela Nagar, Bhubaneswar-751001.
7. Director (ICS/EI)
8. Guard file.
9. Monitoring file.

  
(A. DURAISAMY)  
DIRECTOR

*MT Extn.*  
*MT Extn.*  
*See am.*  
*12.1.07*

**BY SPEED POST**

No. J-13011/17/2006-IA.II(T)  
Government of India  
Ministry of Environment & Forests

Paryavaran Bhawan  
CGO Complex, Lodi Road  
New Delhi-110 003

Dated: 5<sup>th</sup> January, 2007

To

The Chief Environment Officer (EM&PC)  
Damodar Valley Corporation,  
Electricity Department, 10<sup>th</sup> Floor  
DVC Towers, VIP Road  
Kolkata - 700 054.

**Sub: Mejia Thermal Power Station Stage-II (2x500 MW), Unit- 7&8 at Durlabhpur, District Bankura by M/s Damodar Valley Corporation - Environmental Clearance regarding.**

Sir,

The undersigned is directed to refer to your communication no. EDCON/EM&PC/MT Extn/2375 dated 26<sup>th</sup> September, 2006 regarding the subject mentioned above. Subsequent information furnished vide letter no. EDCON/EM&PC/DSTPS-V/2463 dated 2<sup>nd</sup> November, 2006 has also been considered.

2. The proposal was received and considered under the provisions of EIA Notification, 2006. It is noted that the proposal is for expansion of the existing Mejia Thermal Power Station by installing two additional units of 500 MW each under stage-II as unit 7&8 within the existing premises of the power plant. Total land under the possession of the proponent is 2555.34 acres. The total land requirement for the power block and CHP for the proposed expansion is 64.78 ha which is available within the existing premises. No additional land will be acquired for the proposed expansion. The coordinates of the proposed project site are 23<sup>o</sup> 28' N latitude and 87<sup>o</sup> 08' E longitude. Coal requirement will be 4.273 MTPA at 80% PLF, which will be obtained from the coal blocks allocated to DVC. Water requirement for the proposed expansion unit is 40.85 cusecs and will be met from Durgapur barrage. No forest land, no ecologically sensitive area within 7 Km radius and no R&R is involved. Expert Appraisal Committee, based upon due diligence, has not insisted on holding of public consultation for this expansion project under para 7 (ii) of the EIA Notification, 2006. The project

cost is Rs. 4546.60 crores which include Rs. 226.75 crores for environmental protection measures.

3. The proposal has been considered in accordance with para 7 (ii) of the EIA Notification dated 14<sup>th</sup> September, 2006 and environmental clearance is hereby accorded under the provisions there of subject to implementation of the following terms and conditions:

- (i) No additional land shall be acquired for any activity/facility of the expansion project except 204 ha of degraded forestland outside DVC's acquired area for plantation in lieu of greenbelt.
- (ii) Ash and sulphur content in the coal to be used in the project shall not exceed 40% and 0.32% respectively.
- (iii) A bi-flue stack of 275 m shall be provided with continuous online monitoring equipments.
- (iv) High efficiency Electrostatic Precipitators (ESPs) with efficiency not less than 99.9% shall be installed to ensure that particulate emission does not exceed 100 mg/Nm<sup>3</sup>.
- (v) Space provision shall be made for Flue Gas De-sulphurisation (FGD) unit, if required at a later stage.
- (vi) Adequate dust extraction such as bag filters and water spray system in dusty areas such as coal and ash handling areas, transfer areas and other vulnerable areas shall be provided.
- (vii) Fly ash shall be collected in dry form and ash generated shall be used in a phased manner as per provisions of the notification on Fly Ash Utilization issued by the Ministry in September, 1999 and its amendment. By the end of 9<sup>th</sup> year full fly ash utilization should be ensured.
- (viii) Closed Circuit Cooling with natural draft cooling tower shall be installed.
- (ix) The treated effluents conforming to the prescribed standards shall be discharged.
- (x) Rain water harvesting shall be practiced. A detailed scheme for rain water harvesting to recharge the ground water aquifer shall be prepared in consultation with Central Ground Water Authority/State Ground Water Board and a copy of the same shall be submitted within three months to the Ministry.
- (xi) Regular monitoring of ground water in and around the ash pond area shall be carried out, records maintained and periodic reports shall be furnished to the Regional Office of this Ministry.

- (xii) An area of 300 ha is under the existing greenbelt and an additional area of 204 ha of degraded forests to be identified in consultation with State Forests Department shall be afforested outside the DVC boundary.
  - (xiii) First aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.
  - (xiv) Level of Noise level should be limited to 75 dBA and regular maintenance of equipment be undertaken. For people working in the high noise areas, personal protection devices should be provided.
  - (xv) Regular monitoring of the ambient air quality shall be carried out in and around the power plant and records maintained. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB. Periodic reports shall be submitted to the Regional Office of this Ministry.
  - (xvi) Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards should be submitted to this Ministry/ Regional Office/CPCB/SPCB.
  - (xvii) Regional Office of the Ministry of Environment & Forests located at Bhubaneswar will monitor the implementation of the stipulated conditions. Complete set of Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.
  - (xviii) Separate funds should be allocated for implementation of environmental protection measures along with item-wise break-up. This cost should be included as part of the project cost. The funds earmarked for the environment protection measures should not be diverted for other purposes and year-wise expenditure should be reported to the Ministry.
  - (xix) Full cooperation should be extended to the Scientists/Officers from the Ministry/Regional Office of the Ministry at Bhubaneswar/the CPCB/the SPCB who would be monitoring the compliance of environmental status.
4. The Ministry reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Ministry.
  5. The environmental clearance accorded shall be valid for a period of 5 years for the start of production operations by the power plant.
  6. In case of any deviation or alteration in the proposed project from that submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess

the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

7. The above stipulations shall be enforced along with others as under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, Hazardous Wastes (Management and Handling) Rules, 1989, the Public Liability Insurance Act, 1991 and rules there under.



(S.K. Aggarwal)  
DIRECTOR

Copy to:

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi-110001.
2. The Secretary, Forests & Environment Deptt., Government of West Bengal, Writer's Building, Kolkata- 700001.
3. The Chairman, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi-110066.
4. The Chairman, West Bengal Pollution Control Board, Parivesh Bhawan, Bldg. No. 10A, Block-LA, Sector-III, Salt Lake City, Kolkata-700098 - **with request to display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's office for 30 days.**
5. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
6. The Chief Conservator of Forests, Eastern Regional Office, Ministry of Environment & Forests, 194, Kharvela Nagar, Bhubaneswar-751001.
7. Director (EI), MOEF.
8. Guard file.
9. Monitoring file.

(S.K. Aggarwal)  
DIRECTOR

**MINUTES OF THE 54<sup>th</sup> MEETING OF RE-CONSTITUTED EXPERT APPRAISAL COMMITTEE ON ENVIRONMENTAL IMPACT ASSESSMENT OF THERMAL POWER AND COAL MINE PROJECTS**

The 54<sup>th</sup> Meeting of the reconstituted Expert Appraisal Committee (Thermal) was held during **August 6-7, 2012** at Scope Convention Centre, SCOPE Complex, Lodhi Road, New Delhi. The members present were:

- |    |                  |   |                  |
|----|------------------|---|------------------|
| 1. | Shri V.P. Raja   | - | Chairman         |
| 2. | Dr. C.R. Babu    | - | Vice-Chairman    |
| 3. | Shri T.K. Dhar   | - | Member           |
| 4. | Shri J.L. Mehta  | - | Member           |
| 5. | Dr. G.S. Roonwal | - | Member           |
| 6. | Shri M.S. Puri   | - | Member           |
| 7. | Dr. S.D. Attri   | - | Member           |
| 8. | Dr. Saroj        | - | Member Secretary |

Dr. CBS Dutt, Dr. K.K.S. Bhatia, Shri V.B. Mathur and Member Secretary CPCB were absent.

In attendance: Sh. W. Bharat Singh, Deputy Director, MoEF.

The deliberations held and the decisions taken are as under:

**DATE: 06.08.2012.**

**ITEM No.1 Confirmation of the minutes of the last meeting.**

Confirmation of the last meetings held during June 25-26, 2012; July 2-3, 2012 and July 16, 2012 were taken up.

The Committee noted that there are minor mistakes in the minutes of the 50<sup>th</sup> Meeting which require slight amendment as follows:

- a) At Item No. 2.1 pertaining to 2x800 MW Ennore SEZ Supercritical Coal Based TPP of M/s TANGEDCO the sentence in the last paragraph read as "*The Committee however decided that based on the information and clarifications provided to recommend the project for environmental clearances subject to stipulation of the following specific conditions and submission of documents / requirements as mentioned above*" shall now read as under:

30.03.2007. M/s DVC has now informed that LoA for main package was placed on 28.06.2008 to M/s BHEL and the project is under implementation. However, the project is delayed due to human resource, political and other issues. Ms/ DVC has therefore requested for an extension of validity period of EC for a further period of five years.

The request was placed before the Committee for its consideration.

The Committee noted that the progress of work shown seem to be satisfactory despite of various issues tampering the implementation of the project. The Committee therefore agreed that extension for a further period of five years can be recommended in accordance with the provisions of EIA notification 2006.

**2.21 2340 MW Mejia Thermal Power Station of M/s Damodar Valley Corpn. Ltd. at Durlovpur, Bankura, West Bengal – reg. Permission for addl. Ash pond for unit 5 & 6.**

M/s Damodar Valley Corpn.Ltd.was accorded environmental clearance for its 2x250 MW Mejia Thermal Power Station (Unit-5&6) at village Durlavpur, in Bankura Distt., in West Bengal on 10.02.2004. M/s DVC has now informed that no additional land was acquired during the capacity addition comprising of 1x210 MW (Unit-4); 2x250 MW (Unit-5&6); 2x500 MW (Unit-7&8). That Unit-1, 2 & 3 comprising of 3x210 MW came into operation in the year 1996, 1998 and 1999 respectively.

M/s DVC also informed that during conception of the power project the existing ash pond was designed with no concept to enhance the holding capacity and raising of dyke cannot be undertaken. M/s DVC therefore seeks permission for acquisition of 300 acres additional land for ash disposal.

The request was placed before the Committee for its consideration.

The Committee noted that the ash utilization of the power station seem to be very poor resulting in acute mismanagement. That in accordance with the norms the total ash disposal area available (about 600 acres) seem to be enough.

M/s DVC stated that out of total ash pond available, only about 470 acres is effective ash pond area and balance is green belt and dykes. M/s DVC requested that consideration on merit for the addl. ash pond can be made as they are in a precarious situation since the design of old ash pond for safety considerations cannot be redone / refurbished by raising height of dyke.

The Committee considered the request of M's DVC and desired that full facts along with other details justification on merit shall be submitted by M/s DVC for further consideration. Accordingly the matter was deferred.



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**DAMODAR VALLEY CORPORATION**  
EM & PC SECTION, 10<sup>th</sup> FLOOR,  
DVC TOWERS, VIP ROAD, KOLKATA - 700 054

No. EM&PC/MT-19/ 92 ✓

Date: June 04, 2013

To  
The Director  
Ministry of Environment & Forests  
Govt. of India, Paryavaran Bhawan  
CGO Complex, Lodhi Road  
New Delhi – 110003.

Sub: Additional land requirement for construction of new  
Ash Pond at MTPS, DVC, Mejia, Dist. Bankura, W.B.

- Ref: 1. This office letter no.EM&PC/MT-17/83 dt.18.06.12.  
2. This office letter no.EM&PC/MT-17/117 dt.16.07.12.  
3. EAC meeting on 07.08.12

Dear Sir,

Kindly refer to the above subject & references. In our above letters, it was requested to give permission for acquiring additional land measuring 300 acres beside the existing Ash Ponds due to critical condition of the existing Ponds of MTPS, DVC. As per the directive of MoEF, the subject matter was presented before the EAC meeting at New Delhi on 07.08.2012. In the said meeting, the matter was entrusted to CEA for their observation and report to MoEF, New Delhi. Accordingly, a team of CEA officials visited MTPS on 09.10.12 and inspected the existing Ash Ponds as well as the proposed site. During the visit of MTPS, a detailed discussion was held between DVC and CEA officials. As advised by them, the earlier proposal for requirement of additional land of 300 acres was further revised and the present land requirement has been reduced to 213.39 acres and subsequently the necessary documents & detailed information were submitted to CEA. According to the revised proposal, the land requirement for construction of new Ash Pond is 213.39 acres, out of which DVC has only 10.79 acres of land near the existing Ash Ponds and remaining 202.54 acres is required to be acquired by DVC. In our constant persuasion, CEA after final scrutiny has recommended our proposal of additional requirement of land for creation of new Ash Pond with a detailed report submitted to MoEF, New Delhi. In the report, CEA has strongly recommended the DVC's additional land requirement and mentioned that for smooth operation of the plant, DVC's proposal for acquiring about 202.54 acres of additional land is justified and may be considered by MoEF, a copy of which is enclosed for kind ready reference.

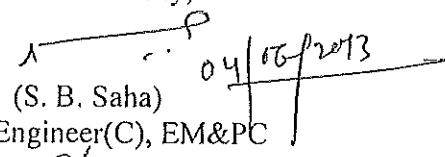
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In view of the foregoing, it is, therefore, requested kindly to consider the recommendation of CEA and allow DVC to acquire additional land of 202.54 acres adjacent to the existing Ash Ponds for construction of new Ash Pond for smooth functioning of MTPS project.

Your kind consideration in this regard is highly solicited.

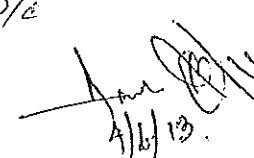
Encl: As stated.

Yours faithfully,

  
(S. B. Saha)  
Chief Engineer(C), EM&PC  
o/e

Copy to (N.I.O):

1. The Director(Tech.), DVC, Kolkata.
2. The Sr. CE(Gen.) & Project Head, DVC, Maithon.
3. The CE(O&M) & Project Head, MTPS, DVC, Mejia.
4. The Sr. P.S. to Chairman, DVC, Kolkata.

  
4/6/13

9C

केन्द्रीय विद्युत प्राधिकरण Telefax-26106169

Central Electricity Authority

तापीय आयोजना एवं अन्वेषण प्रभाग

TP&I DIVISION

9वां तल, सेवा भवन, आर.के.पुरम, नई दिल्ली-110066 [आई.एस.ओ. 9001:2000 प्रमाणित]

9th Floor Sewa Bhavan, R.K. Puram, New Delhi - 110 066



No. 135/GC/BO/TPI/CEA/2013/846

Dated 23.4.2013

Shri S.N. Banerjee,  
Chief Engineer (Environment Management & Pollution Control),  
Damodar Valley Corporation,  
10<sup>th</sup> Floor, DVC Towers,  
VIP Road,  
Kolkatta-700054.

Sub: Mejia Thermal Power Station DVC, West Bengal, Additional land required by the Project Authority for creation of ash disposal facilities - Reg.

Ref: DVC Letter No. EM&PC/MT-18/209 dated 19.9.2012.

Dear Sir,

This has reference to the above cited DVC letter dated 19.9.2012 regarding additional land required by DVC for creation of ash disposal facilities for Mejia TPS. DVC vide letter dated 19.9.2012 had submitted a proposal for acquiring 300 Acres of land for construction of Additional Ash Pond. They had intimated that the existing ash pond of 220 lac tonne (2 compartments of 110 lac tonne each) was created when 3 units of 210 MW each were set up by DVC during 1996 to 1999. The existing ash pond was constructed on approx. 470 acres of land and was constructed only for 1<sup>st</sup> stage of the project having an installed capacity of 630 MW and based on ash generation for 25 years. Subsequently (5) units of total capacity of 1710 MW were added by DVC, but no additional land was acquired for ash pond and no new ash pond was constructed. The ash pond constructed for first stage is being utilized for the subsequent units also. Based on discussions with CEA's team DVC vide letter dated 10.1.2013 have submitted a revised proposal for land for ash disposal. As per the revised proposal DVC has reduced the land requirement for ash disposal to 213.39 acres from 300 acres.

In the above context enclosed please find a copy of CEA report on Additional land required for creation of Ash disposal facilities for Mejia TPS. You are requested to take up the matter with Min. of Environment & Forest for clearance for the additional land for ash disposal.

Yours faithfully,

(M.S. Puri)  
Chief Engineer (TPI)

CE (EM & PC)  
Dy. No. 3  
Date 10.5.13

drafted by discoms  
22/4/13  
21/5

SE (M) B.M.P.C.  
N.O. as per  
copy  
13/5/13

DVC (M)  
SE (M)  
Pl. refer to  
talk to CEA  
MOEF  
Immediately  
report the form  
13/5/13

CE (EM & PC)

Dy. No. 3

Date 12.5.13

केन्द्रीय विद्युत प्राधिकरण Telefax-26106169



Central Electricity Authority

तापीय आयोजना एवं अन्वेषण प्रभाग

TP&I DIVISION



9वां तल, सेवा भवन, आर.के.पुरम, नई दिल्ली-110066 [आई.एस.ओ. 9001:2000 प्रमाणित]

9th Floor Sewa Bhavan, R.K. Puram, New Delhi - 110 066

No. 135/GC/BO/TPI/CEA/2013/846

Dated 23.4.2013

Shri S.N. Banerjee,  
Chief Engineer (Environment Management & Pollution Control),  
Damodar Valley Corporation,  
10<sup>th</sup> Floor, DVC Towers,  
VIP Road,  
Kolkatta-700054.

Sub: Mejia Thermal Power Station DVC, West Bengal, Additional land required by the Project Authority for creation of ash disposal facilities - Reg.

Ref: DVC Letter No. EM&PC/MT-18/209 dated 19.9.2012.

Dear Sir,

This has reference to the above cited DVC letter dated 19.9.2012 regarding additional land required by DVC for creation of ash disposal facilities for Mejia TPS. DVC vide letter dated 19.9.2012 had submitted a proposal for acquiring 300 Acres of land for construction of Additional Ash Pond. They had intimated that the existing ash pond of 220 lac tonne (2 compartments of 110 lac tonne each) was created when 3 units of 210 MW each were set up by DVC during 1996 to 1999. The existing ash pond was constructed on approx. 470 acres of land and was constructed only for 1<sup>st</sup> stage of the project having an installed capacity of 630 MW and based on ash generation for 25 years. Subsequently (5) units of total capacity of 1710 MW were added by DVC, but no additional land was acquired for ash pond and no new ash pond was constructed. The ash pond constructed for first stage is being utilized for the subsequent units also. Based on discussions with CEA's team DVC vide letter dated 10.1.2013 have submitted a revised proposal for land for ash disposal. As per the revised proposal DVC has reduced the land requirement for ash disposal to 213.39 acres from 300 acres.

In the above context enclosed please find a copy of CEA report on Additional land required for creation of Ash disposal facilities for Mejia TPS. You are requested to take up the matter with Min. of Environment & Forest for clearance for the additional land for ash disposal.

Yours faithfully,

(M.S. Puri)

Chief Engineer (TPI)



भारत सरकार  
Government of India  
केन्द्रीय विद्युत प्रधिकरण  
Central Electricity Authority  
तापीय सिविल अभिकल्प प्रभाग  
Thermal Civil Design Division

**Subject :-** Mejia Thermal Power Station, DVC, West Bengal : Additional land required by the Project Authority for creation of ash disposal facilities - Reg.

A proposal for acquiring 300 acres of land for construction of additional ash pond was submitted by DVC vide their letter No. EM&PC/MT-18/209 dated 19/09/2012. The proposal was discussed with DVC Officers and a visit to Power Station was also undertaken by a team of Officers from CEA during October 2012. Based on discussions and observations of CEA's team, DVC submitted a revised proposal vide their letter no. 342 dated 10/01/2013. The observations/recommendations on DVC's proposals are as under:

**1. DVC's original proposal dated 19<sup>th</sup> September 2012:**

- (i) The existing ash pond of capacity 220 Lac tonne (2 compartments of 110 Lac tonne each) was created when 3 units of 210 MW each were set up by DVC during 1996 to 1999 and prior to MO&EF Notification of September, 1999.
- (ii) The existing ash pond was constructed on approximately 470 acres of land and was constructed only for first stage of the project having an installed capacity of 630 MW and based on ash generation for 25 years. It is located about 2-3 Km from the power plant towards South East periphery of Power Station
- (iii) 5 units with a total capacity of 1710 MW have been subsequently added but no additional land was acquired for ash pond and no new ash pond was constructed. The ash pond constructed for first stage of the project is being utilized for all the subsequent units also. The maximum height of the ash bund already constructed is 16-18 metres.
- (iv) At present, the total installed capacity of the Mejia Thermal Power Station is 2340 MW. The date of commissioning of the various units is given below:-

Unit No.	Capacity	COD
Unit#1	210 MW	1996 (first stage)
Unit#2	210 MW	1998 (first stage)
Unit#3	210 MW	1999 (first stage)
Unit#4	210 MW	Feb 2005

Unit#5	250 MW	Feb 2008
Unit#6	250 MW	Sept 2008
Unit#7	500 MW	Aug 2011
Unit#8	500 MW	Aug 2012
<b>TOTAL</b>	<b>2340 MW</b>	

It may be seen from the above table, last unit was added as recently as August 2012.

- (v) Due to criticality of the existing Ash Pond and low level of utilization of ash due to locational disadvantages and other reasons, DVC had submitted a proposal for construction of additional ash pond urgently to dispose off the unutilized fly ash along with bottom ash.
- (vi) As there is hardly any space left in the existing ash pond, a bare minimum additional land of 300 acres was proposed to be acquired by DVC for construction of new ash pond to dispose off the ash for smooth running of all the units. The new ash pond is located adjacent to the existing ash pond

## 2. Visit of CEA's Officers to Mejia Thermal Power Stations on 9<sup>th</sup> October 2012:

Shri A.K.Jain, Chief Engineer (TCD), Shri P.D.Siwal, Director (TP&I) and Shri Amit Kumar, Assistant Director (TCD) of CEA visited the Power Station and inspected the existing ash disposal facilities as well as land proposed to be acquired for creation of additional ash disposal facilities. The observations of CEA's team are as under:

- (i) The existing ash pond is already filled up to its capacity and even freeboard has been encroached upon.
- (ii) At present, ash management is being carried out in fire fighting mode whereby the ash is being removed to some depth in a portion of one compartment of the ash pond and same is being transported by road through covered dumpers for back filling of mines located about 40 km away from the Power Station and this process is being followed alternately for both the compartments of the ash pond. Consequently, there is no proper decantation of ash water due to inadequate retention time presently available in the existing ash pond resulting in improper settling of ash from the ash slurry.
- (iii) As per the inspection of the site, major portion of the proposed land for new ash pond appears to be barren but some land is also under cultivation and plantation. However, the site is suitable for creation of additional ash pond.
- (iv) In order to frame the proposal for acquisition of additional land, it is necessary that land to be acquired is marked on Survey of India topo-sheet or Land Revenue

Map of village and its land use pattern assessed based on land revenue record of State Government.

- (v) Ash water is not being re-circulated at present.
- (vi) The matter of creating additional ash disposal facilities in the existing ash pond by raising the dyke was also discussed and it is understood that studies for examining the technical feasibility of raising existing ash dyke has been awarded to I.I.T. Madras by DVC. However, any raising of existing dyke, if found technically feasible, would be possible only after construction of a new ash pond. In present condition, no raising of existing dyke is possible.
- (vii) DVC was advised to further scrutinize the requirement of additional land keeping in view the MO&EF Notifications on Ash Utilization and observations of CEA, and optimize the land requirement.

**3. DVC's Revised Proposal dated 10<sup>th</sup> January 2013:**

DVC submitted the revised proposal to CEA vide their letter no. 342 dated 10<sup>th</sup> January 2013. As per revised proposal, the land requirement has been reduced to 213.39 acres from 300 acres. The break up of land is as under:

- (i) 10.79 acres of land is already with DVC.
- (ii) 98.46 acres is barren /private/agricultural land.
- (iii) 104.08 acres is forest land, but there is no forest except a few scattered trees and bushes.

As 10.79 acres of land is already with DVC, the balance land as per Sl no. (ii) and (iii) above is proposed to be acquired which works out to be about 202.54 acres.

**4. CEA's observation/recommendations:**

- The existing ash pond was constructed for Stage-I of the project with an installed capacity of 630 MW (3 units of 210 MW each) prior to MO&EF Notification of September 1999. Subsequently, during 2005 to 2012, five more units have been installed and commissioned at the same site with an additional capacity of 1710 MW (1 unit of 210 MW, 2 units of 250 MW and 2 units of 500 MW each).

However, DVC has neither acquired any additional land nor constructed any new ash pond for the additional units. The ash pond constructed for stage-I for a capacity of 630 MW is being utilized for ash disposal for all subsequent units.

This has resulted in the existing ash pond to get filled up to its capacity and even freeboard has been encroached upon. The ash disposal at Power Station is in a very critical condition.

- The closing or raising of the existing ash dyke would be possible only after additional ash pond is constructed by DVC.

- After inspection of the existing ash disposal facilities and taking into account the present installed capacity of the Power Station i.e 2340 MW, CEA is of the view that additional land for creation of additional ash pond is necessary for smooth operation of the plant. As such, the DVC's proposal of acquiring about 202.54 acres of additional land is justified and may be considered by MO&EF.
- There is no ash water re-circulation system at present. After construction of new ash pond, DVC may install an Ash Water Recirculation System both in the existing pond if continued to be used and in the new ash pond.
- DVC may also examine the avenue for utilization of ash to minimize the disposal of ash in ash pond.
- DVC may entrust the study to assess the impact of ash being disposed in mines on the ground water w.r.t leaching of heavy metals and take corrective measures if necessary.

**MINUTES OF THE 1<sup>st</sup> MEETING OF THE RE-CONSTITUTED EXPERT APPRAISAL COMMITTEE ON ENVIRONMENTAL IMPACT ASSESSMENT OF THERMAL POWER & COAL MINE PROJECTS**

The 1<sup>st</sup> Meeting of the reconstituted Expert Appraisal Committee (Thermal) was held during **September 19-20, 2013** at Tansen Hall, Scope Convention Centre, Scope Complex, Lodhi Road, New Delhi. The members present were:

- |                       |   |               |
|-----------------------|---|---------------|
| 1. Shri A.S. Lamba    | - | Chairman      |
| 2. Dr. C.R. Babu      | - | Vice Chairman |
| 3. Shri T.K. Dhar     | - | Member        |
| 4. Shri J.L. Mehta    | - | Member        |
| 5. Shri N.K. Verma    | - | Member        |
| 6. Shri A.K. Bansal   | - | Member        |
| 7. Dr. Ratnavel       | - | Member        |
| 8. Dr. S.D. Atri      | - | Member        |
| 9. Dr. Asha Rajvanshi | - | Member        |
| 10. Dr.CBS Dutt       | - | Member        |
| 11. Dr. Saroj         | - | Member        |
| Secretary             |   |               |

In attendance: Sh. W. Bharat Singh, Deputy Director, MoEF. Shri G.S. Dang and representative of CPCB were absent.

**DATE: 19.09.2013**

**ITEM NO. 1: WELCOME NOTE BY MEMBER SECRETARY AND ADDRESS BY CHAIRMAN, EAC.**

The Member Secretary welcomed the Chairman and the members of the newly constituted Expert Appraisal Committee for Thermal and Coal Mine Projects and briefed the Committee about the salient features of the provisions of the EIA notification, 2006 and its amendments and the procedures adopted for appraisal of project proposals. She also informed the members of the various policy decisions particularly w.r.t thermal power taken by the Ministry and issued through various Office Memorandums.

**2.18 2340 MW Mejia Thermal Power Station of M/s Damodar Valley Corpn. Ltd. at Durlovpur, Bankura, West Bengal - reg. Reconsideration for permission for Addl. Ash pond for Unit 5 & 6.**

The matter was earlier considered in the 54th Meeting of the Committee held during August 6-7, 2012, wherein it was informed that M/s Damodar Valley Corpn. Ltd. was accorded environmental clearance for its 2x250 MW Mejia Thermal Power Station (Unit-5&6) at village Durlavpur, in Bankura Distt., in West Bengal on 10.02.2004. M/s DVC had also informed that no additional land was acquired during the capacity addition comprising of 1x210 MW (Unit-4); 2x250 MW (Unit-5&6); 2x500 MW (Unit-7&8). That Unit-1,2&3 comprising of 3x210 MW came into operation in the year 1996, 1998 and 1999 respectively.

M/s DVC further stated that during conception of the power project the existing ash pond was designed with no concept to enhance the holding capacity and raising of dyke cannot be undertaken. *M/s DVC therefore sought permission for acquisition of 300 acres additional land for ash disposal.*

The Committee in the said meeting noted that the ash utilization of the power station seem to be very poor resulting in acute mismanagement. That in accordance with the norms the total ash disposal area available (about 600 acres) seem to be enough.

M/s DVC stated that out of total ash pond available, only about 470 acres is effective ash pond area and balance is green belt and dykes. M/s DVC requested that consideration on merit for the addl. ash pond can be made as they are in a precarious situation since the design of old ash pond for safety considerations cannot be redone / refurbished by raising height of dyke.

The Committee considered the request of M's DVC and desired that full facts along with other details justification on merit shall be submitted by M/s DVC for further consideration. Accordingly the matter was deferred.

The matter was again taken up subsequent to request of M/s DVC vide its letter dated June 04, 2013.

The Committee noted that the additional land sought for new ash pond site entails diversion of forests land which is not an acceptable proposition. The Committee noted that application for diversion of forests land also is in its nascent stage and the project proponent is yet to apply for the same. That

Committee further noted against 202.54 acres of additional land sought, only about 94 acres is non-forests land.

The Committee also noted that M/s DVC is in a stage where the power plant will soon required to be shut down due to non availability of mechanism of fly ash disposal. That the location of TPP in itself is such that there are no takers for Cement Plant consumption. That presently against 250 Lakh Million Tonne (LMT) of Fly ash generated, only about 68.5 LMT of fly ash is utilized.

***The Committee decided that considering the location of the TPP and the consequent compelling reason for inability of better fly ash utilisation, as a special consideration and not as precedence, additional ash pond limited to the non-forests area of 94 acres can be permitted subject to submission firm action plan along with an undertaking for 100% fly ash utilization along with schedule.***

**2.19 2x300 MW Coal Based TPP of M/s Vidarbha Industries Power Ltd. at Butibori MIDC Industrial Area, in Nagpur, in Maharashtra – reg. Temporary permission for road transportation of coal.**

The item was deferred at the request of the project proponent who expressed its inability to be present.

**2.20 2x800 MW Coal Based TPP of M/s Karnataka Power Corpn. Ltd. – reg. Scope of work for thermal temperature study.**

The above proposal was recommended for environmental clearance by the Committee in its 52<sup>nd</sup> Meeting held during August 10-11, 2009. The Ministry in acceptance of the recommendation of the Committee accorded environmental clearance on 17.11.2009 vide its letter No. J-13012/13/2008-IA.II (T). One of the condition prescribed in the environmental clearance at clause (ix) is read as under:

*“A thermal temperature study should be conducted through NRSA and the report be submitted in a period of 12 months”.*

The project proponent in its submission on the above mentioned specific condition stated that the NRSA is insisting for furnishing scope of work such as area of impact to be studied, the duration of study etc. The project proponent therefore desires clarification of the above.

The matter was earlier referred to the EAC in its 65<sup>th</sup> Meeting held during March 19-20, 2010, wherein it was decided that the matter was deliberated by



Phone: (033) 2355 9817  
Fax No. (033) 2355 6042  
E-mail: sunil.saha@dvc.gov.in

**DAMODAR VALLEY CORPORATION**  
EM & PC SECTION, 10<sup>th</sup> FLOOR  
DVC TOWERS, VIP ROAD, KOLKATA - 700 054

No. EM&PC/MT-20/432

Date: April 17, 2014

To  
The Director  
Ministry of Environment & Forests  
Govt of India, Paryavaran Bhavan  
CGO Complex, Lodi Road  
New Delhi 110 003.

Kind Attn: Dr. Saroj

**Sub: Submission of action plan for 100% utilization of fly ash of MTPS, DVC, Mejia regarding permission to acquire additional land for construction of new ash pond.**

**Ref: Minutes of 1st Reconstituted EAC Meeting held on 19-20.09.2013.**

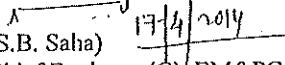
Dear Sir/Madam,

Kindly refer to the 1st Reconstituted EAC Meeting held at New Delhi on 19-20.09.2013 regarding M/s Damodar Valley Corporation (DVC) for permission of acquisition of additional land for construction of new ash pond at MTPS, Mejia, West Bengal. In the meeting, it has been directed to DVC to give an undertaking for submitting an action plan for 100% utilization of fly ash of MTPS, DVC, Mejia for obtaining permission to acquire additional land to the tune of 98.46 acres of non-forest land. For this purpose, we are submitting a detail action plan along with other documents indicating utilization of fly ash to the maximum extent possible with minimum loading of ash in ash ponds. In the action plan, we have urged for permission to acquire additional land i.e. 98.46 acres non-forest land & 104.08 acres forest land for construction of new ash pond at MTPS, Mejia for its survival & fulfillment towards protection of environment.

Considering the importance of DVC's survival, it is requested to your good office kindly to give permission for acquiring of 98.46 acres of non-forest land in the instant case. Also, kindly consider for diversion of forest land to the tune of 104.08 acres for completion of construction of new ash pond at MTPS, Mejia in near future for which DVC has taken the issue at top priority.

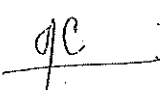
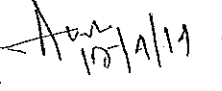
Encl: Relevant documents.

Yours faithfully,

  
(S.B. Saha)  
Chief Engineer (C), EM&PC

Copy for kind information (N.I.O):

- 1) Executive Director (Operation & Fuel), DVC, Kolkata.
- 2) Chief Engineer & HoP, MTPS, DVC, Mejia

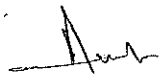
Action Plan for fly ash utilization at MTPS, DVC, Mejia, West Bengal

1. Estimated quantity of ash generation from all units i.e. Unit 1 to 8 = 51 Lac MT/year (Details enclosed).
2. Dry fly ash utilization for the current year 2013-14 (from April'13 to February'14 is 6.4 Lac MT & expected to reach 8 Lac MT in the year 2013-14 (from April'13 to March'14). The main takers are M/s Lafarge (inside the MTPS plant premises), Ultratech, Birla Cement & other agencies.
3. Future programme for dry fly ash utilization :
  - a) Lafarge Cement Grinding Unit having expansion programme & their additional fly ash requirement to the tune of 1000 MT/day i.e. 3.5 Lac MT/year.
  - b) J.K.Lakshmi Cement & Emami Cement are going to construct cement grinding units near MTPS & their requirement to the tune of 1500 MT/day i.e. 5 Lac MT/year.
  - c) Presently there is single line Railway connectivity between Ranigunj Station & MTPS. Laying of 2nd Railway line from MTPS to Ranigunj Station i.e. about 25 Km length, is to be constructed shortly. After completion of 2nd Railway line, fly ash will be offloaded to different cement industries of North-Eastern States where the demand of fly ash is huge. Estimated quantity of dry fly ash to be taken to the tune of 25000 MT/month i.e. 3 Lac MT/year.

The above activities i.e. (a), (b) & (c) may be completed within the year 2018-19 & the total dry fly ash would be utilized from the year 2018-19 & onwards (8 Lac MT+ 3.5 Lac MT + 5 Lac MT + 3 Lac MT), 19.5 Lac MT.

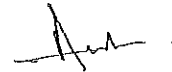
At present, ash evacuation of MTPS Ponds & its disposal to the abandoned mines, is to the tune of 22 - 24 Lac MT/year. Endeavour is being made to utilize pond ash from all Thermal Power Stations of DVC for road construction through NHAI and it is expected that ash disposal would be around 28-29 Lac MT/year w.e.f 2018-19 & onwards.

4. Over the proposed land of 213.39 acres (i.e. 10.85 acres of DVC own land + 98.46 acres of non-forest land + 104.08 acres of forest land), new Ash Pond may be constructed in three phases & ash dyke may be raised inside the Ash Ponds by using pond ash. The total holding capacity of the new Ash Pond may be to the tune of 64 Lac cum, details is enclosed. DVC has already taken initiative for acquiring Forest Land, measuring about 104.08 acres for the construction of new Ash Pond at MTPS.
5. The existing Ash Pond consists of two compartments & the condition of the Pond is almost filled up. The construction of new Ash Pond may be taken up in 3 phases. After completion of ash dyke in compartment no.1 in 1st phase of new ash pond, ash slurry discharge may be taken place in compartment no.1. In 2nd

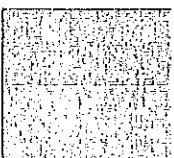


phase, ash dyke raising of compartment no.1 using pond ash of compartment no.1, may be taken up to match the natural ground level of the 2nd compartment. In 3rd phase, the 3rd dyke of the 2nd compartment as well as raising of ash dyke of compartment no.1 & intermediate dyke may be taken up by using the pond ash to achieve the desired volume of compartment no.1 & 2.

6. During 2nd phase construction of new Ash Pond, the ash dyke raising of compartment no.1 of the old Ash Pond, nearly 4 mtr. height including free board, may be completed using the pond ash & the same procedure may be adopted in the 2nd compartment also. The ash holding increased in the old Ash Pond by the above dyke raising may be around 25 Lac MT.
7. The acquisition of non-forest land & forest land may be completed within 2018 & the construction of new Ash Pond including the dyke raising of old Ash Pond may be completed within 2020.
8. From the year 2018 & onwards, dry fly ash & pond ash is expected to be disposed off to the tune of 21 Lac MT/year & 26 – 28 Lac MT/year respectively. The loading of ash in the Ash Ponds (new & old) is expected to the tune of 2 to 3 Lac MT/ year i.e. {51 Lac MT ash generated – (19.5 Lac MT dry fly ash + 28 to 29 Lac MT pond ash)}.
9. The expected additional space created due to construction of new Ash Pond & raising of ash dyke in the old Ash Pond, would be around 89 Lac cum (64 Lac cum + 25 Lac cum) & it is around 80 Lac MT. This development is expected from the year 2020 & onwards.
10. DVC is also floating Expression of Interest (EoI), liaisoning with officials of NHAI, State High Way Authorities for maximum use of dry fly ash & pond ash.
11. From the above activities, it is expected that from 2020 & onwards, generated ash may be fully utilized. Moreover, there will be free board space available in each Ash Ponds for proper decantation of ash slurry & thereby, more efficient & effective ash management can be achieved at MTPS, DVC, Mejia.
12. As directed, the above action plan has been prepared for 100% utilization of fly ash generated from of all the units of MTPS, Mejia, West-Bengal considering utilization of 98.64 acres of non-forest land & 104.08 acres of forest land for new ash pond. The issue of forest land is in top priority list of DVC for the survival of all the units of MTPS, Mejia. In this regard, DVC Management hope that MoEF, New Delhi will extend helping hand to DVC in future to overcome such crisis.



# Projected Ash Generation -MTPS



Ash generation formula – Unit MW X PLF X Sp. Coal X % age ash X  
24 X 365 MT/ year

Estimated ash generation at MTPS:

For U#1,2,3 & 4 : 4 X 210 X 0.85 X 0.65 X 0.45 X 24 X 365  
= 18 Lac MT/ year (PLF taken as 85%)

For U# 5 & 6 : 2 X 250 X 0.90 X 0.65 X 0.45 X 24 X 365  
= 11 Lac MT/ year (PLF taken as 90%)

For U# 7 & 8 : 2 X 500 X 0.90 X 0.65 X 0.45 X 24 X 365  
= 23 Lac MT/ year (PLF taken as 90%)

Total ash generation = (18 + 11 + 23), say 51 Lac MT/ year approx.)

(Considering sp. coal as 0.65 kg/kWh, ash consent in coal as 45 %)

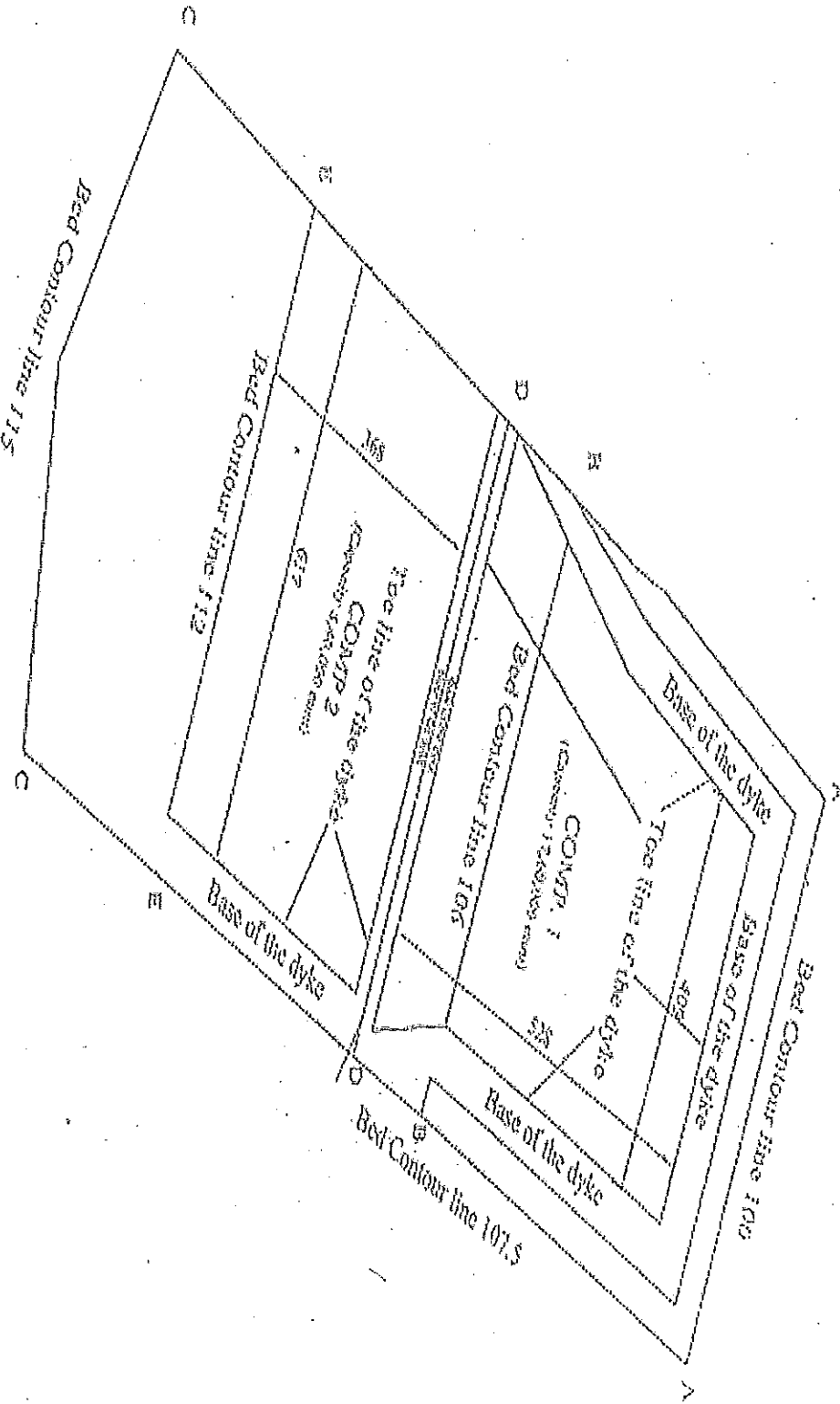
# Ash Holding capacity of New ash pond

Phase	Volume (In Cum)		Internal Volume	Ash cycle Volume	Total
	COMP-1	COMP-2			
1st	7,50,000	*	*	*	7,50,000
2nd	15,30,000	2,30,000	5,40,000	*	23,00,000
3rd	10,50,000	2,70,000	18,60,000	1,40,000	33,20,000
					63,70,000

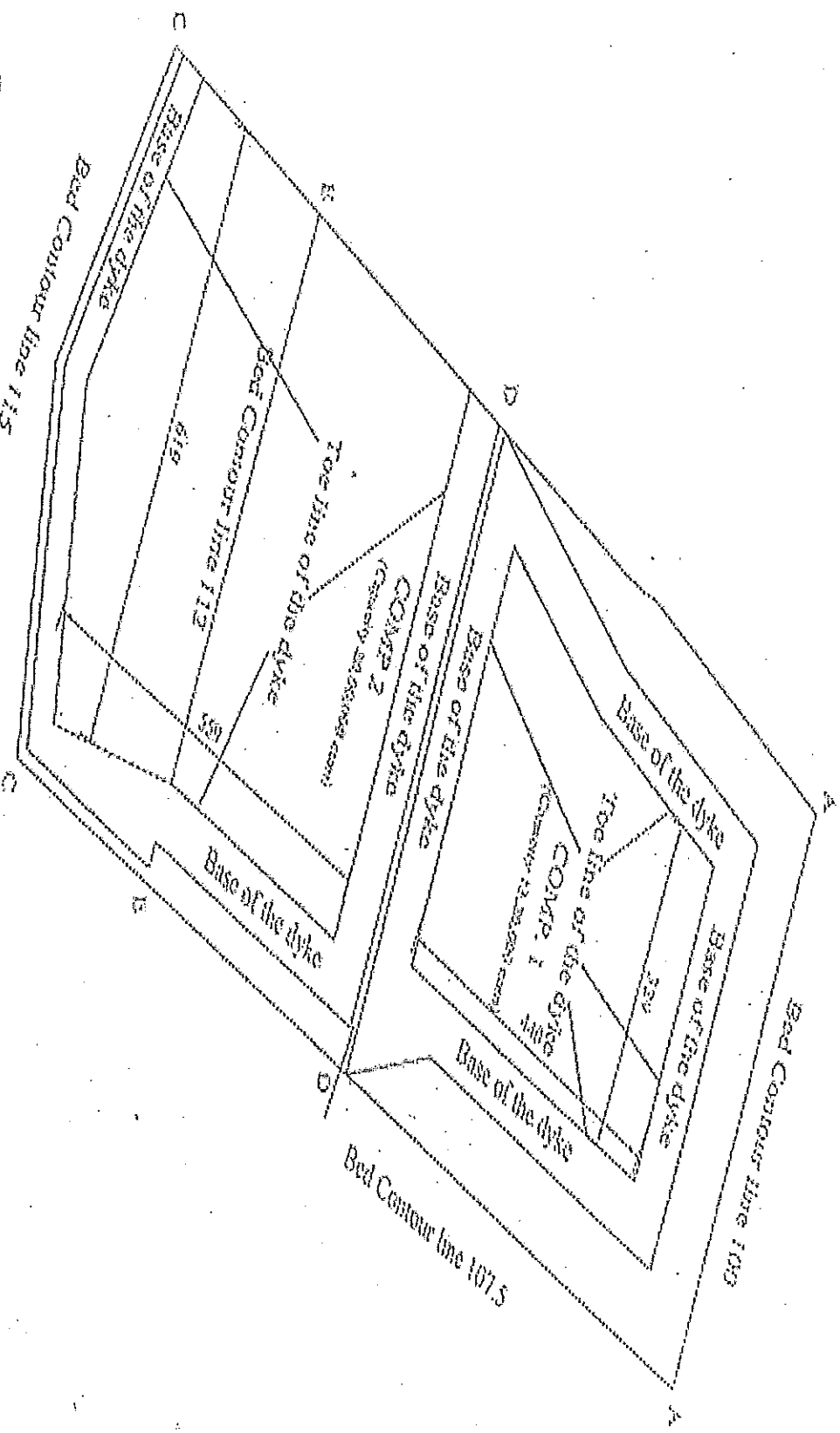


# 2ND PHASE

CAPACITY 2ND PHASE 23,500,000 CUM



# 3RD PHASE



CAPACITY 3RD PHASE 33,20,000 CUM  
TOTAL CAPACITY 63,70,000 CUM

**MINUTES OF THE 20<sup>th</sup> MEETING OF THE RE-CONSTITUTED EXPERT APPRAISAL COMMITTEE ON ENVIRONMENTAL IMPACT ASSESSMENT OF THERMAL POWER & COAL MINING PROJECTS**

The 18<sup>th</sup> Meeting of the reconstituted Expert Appraisal Committee (Thermal Power) was held on **28<sup>th</sup> - 29<sup>th</sup> August, 2014** at Narmada Meeting Hall, Jal wing, Ground floor, Indira Paryavaran Bhawan (new building), Jorbagh, New Delhi-110003. The members present were:

- |                     |   |                              |
|---------------------|---|------------------------------|
| 1. Dr. C.R. Babu    | - | Vice Chairman (Acting Chair) |
| 2. Shri J.L Mehta   | - | Member                       |
| 3. Shri N.K. Verma  | - | Member                       |
| 4. Shri G.S. Dang   | - | Member                       |
| 5. Dr. S.S. Bala    | - | Representative of CPCB       |
| 6. Shri N.S. Mondal | - | Representative of CEA        |
| 7. Dr. Ratnavel     | - | Member                       |
| 8. Dr. Saroj        | - | Member Secretary             |

In attendance: Dr. M. Ramesh, Scientist 'D', MoEF.

Shri T.K.Dhar, Shri A.K. Bansal, Dr. S.D. Attri, Dr. C.B.S Dutt and representative of WII could not be present.

**Item No.1: CONFIRMATION OF THE MINUTES OF THE LAST MEETING.**

The Minutes of the 18<sup>th</sup> EAC meeting held during 31<sup>st</sup> July -1<sup>st</sup> August, 2014 were confirmed with minor corrections. Further, the MoM of 13<sup>th</sup> EAC held during March, 2014 shall be amended in Para 5 (ii) of Item 3.1 of M/s Binani Cement Ltd. i.e. 500 µg/m<sup>3</sup> shall be read as 500 mg/m<sup>3</sup>.

**Item No. 2: CONSIDERATION OF PROJECTS**

**2.1 2X660 MW Coal Based Bilhaur Super TPP at Villages Dorva Jamauli, Madara Rai Guman, Nadeeha Khurd and Uttari in Bilhaur Taluk in Kanpur Nagar Distt., in Uttar Pradesh by M/s. NTPC Ltd. - reg. EC**

1. The ToR for preparation of EIA/EMP report for the above proposal was accorded on 26.07.2011 and extension of validity of ToR was accorded on 03.12.2013. The EIA/EMP report after conducting Public Hearing on 18.09.2012 was submitted to the Ministry for consideration of environmental clearance. *The committee noted that the EIA/EMP report was prepared by M/s Vogue Construction and Consultancy Services Private Limited, Delhi, who are accredited only for Category 'B' Thermal Power Plants and recommended that Ministry do the needful in this regard.* The project proponent made a presentation and inter-alia provided the following information.

2. The total land requirement is 1255 acres and the acquisition is under process. The State Govt. vide letter dated 25.01.2011 has accorded in-principle commitment for the availability of land. The coordinates of the Main Plant are 26° 45' 05.00" N to 26° 45' 55.77" N & 80° 04' 02.53" E to 80° 04' 48.48" E and that of Ash Pond are 26° 43' 01.54" N to 26° 43' 33.75" N and 80° 02' 32.01" E to 80° 03' 42.29" E. No forest land and tribal land is involved in the project site. There are no National Parks, Wildlife Sanctuaries, Biosphere Reserves, Heritage Sites and Reserve Forests within 10 km radius of the project site. River Ganga flows at a distance of 5 km East of

The capacity of existing ash bund is almost full and likely to be exhausted by March 2014. The fly ash utilization was 25.866% in 2012-13. MoEF has granted approval for diversion of 111.00 ha of forest land for construction of new ash bund on 13.10.2009. The construction of ash bund is nearing completion except some finishing work. NEERI, Nagpur has carried out studies for ground water contamination and its remedial measures due to construction of ash bund and allied works of ash disposal at STPS, Sarni and found no contamination of ground water. The 111 hectare land is just adjacent to the existing ash bund (to be reclaimed and rehabilitated).

*The Committee noted that the Fly ash utilization achieved in the power plant is only about 26%. That since the existing units are not able to comply with the fly ash utilization notification, other avenues/options shall need to be explored for fly ash utilization before the request can be agreed to. The Committee therefore declined to agree to the present request." Unquote*

2. The PP vide letter dated 10.06.2014 inter-alia has submitted that all efforts are being made to achieve maximum fly ash utilization. For the new unit, it is committed to achieve 100 % fly ash utilization as per the Fly Ash Utilization Notification, 2009. The PP also made a presentation and inter-alia informed that MoU was executed on 25.08.2014 for a period of 30 years with M/s. RSD Trans Connect Ltd., Satna for supply of fly ash (5 lakh MT in the first year and more in the subsequent years) for cement grinding / blending and packaging units. An order was placed to M/s. Sanprifly, Indore Ash Supply Company on 20.08.2014 for supply of 5 lakh MT of pond ash from ash dam within 2 years period. Efforts are being made to increase ash utilization with the help of PWD, Municipal Corporation, Road Construction Authorities, Brick Manufactures etc. The ash utilization in the year 2013-14 is 39.01 % and from January – March 2014 is 56.96%. M/s. WCL has been requested to utilize ash for stowing of mines and the matter is sub-judice before Hon'ble, NGT, Bhopal.

3. *After perusal of the presentation made and detailed discussion, the committee recommended that the 130 ha ash bund meant for Unit 10 and 11 (2X250 MW) may be utilized, by which time the PP shall achieve 100% fly ash utilization. Hence, the proposal for new ash pond of 111 ha is not agreed to.*

**2.7 2340 MW Mejia Thermal Power Station at Durlovpur, Bankura, West Bengal by M/s. Damodar Valley Corporation Ltd - reg. permission to acquire additional land for construction of new ash pond - re-consideration**

1. The proposal was earlier discussed in the 1<sup>st</sup> Meeting of the EAC (Thermal) held during **September 19-20, 2013**, the minutes of which are as under:

**Quote** "The matter was earlier considered in the 54<sup>th</sup> Meeting of the Committee held during August 6-7, 2012, wherein it was informed that M/s Damodar Valley Corpn.Ltd. was accorded environmental clearance for its 2x250 MW Mejia Thermal Power Station (Unit-5&6) at village Durlavpur, in Bankura Distt., in West Bengal on 10.02.2004. M/s DVC had also informed that no additional land was acquired during the capacity addition comprising of 1x210 MW (Unit-4); 2x250 MW (Unit-5&6); 2x500 MW (Unit-7&8). That Unit-1,2&3 comprising of 3x210 MW came into operation in the year 1996, 1998 and 1999 respectively.

M/s DVC further stated that during conception of the power project the existing ash pond was designed with no concept to enhance the holding capacity and raising of dyke cannot be undertaken. M/s DVC therefore sought permission for acquisition of 300 acres additional land for ash disposal.

The Committee in the said meeting noted that the ash utilization of the power station seem to be very poor resulting in acute mismanagement. That in accordance with the norms the total ash disposal area available (about 600 acres) seem to be enough.

M/s DVC stated that out of total ash pond available, only about 470 acres is effective ash pond area and balance is green belt and dykes. M/s DVC requested that consideration on merit for the addl. ash pond can be made as they are in a precarious situation since the design of old ash pond for safety considerations cannot be redone / refurbished by raising height of dyke.

The Committee considered the request of M's DVC and desired that full facts along with other details justification on merit shall be submitted by M/s DVC for further consideration. Accordingly the matter was deferred.

The matter was again taken up subsequent to request of M/s DVC vide its letter dated June 04, 2013.

The Committee noted that the additional land sought for new ash pond site entails diversion of forests land which is not an acceptable proposition. The Committee noted that application for diversion of forests land also is in its nascent stage and the project proponent is yet to apply for the same. That Committee further noted against 202.54 acres of additional land sought, only about 94 acres is non-forests land.

The Committee also noted that M/s DVC is in a stage where the power plant will soon required to be shut down due to non availability of mechanism of fly ash disposal. That the location of TPP in itself is such that there are no takers for Cement Plant consumption. That presently against 250 Lakh Million Tonne (LMT) of Fly ash generated, only about 68.5 LMT of fly ash is utilized.

***The Committee decided that considering the location of the TPP and the consequent compelling reason for inability of better fly ash utilisation, as a special consideration and not as precedence, additional ash pond limited to the non-forests area of 94 acres can be permitted subject to submission firm action plan along with an undertaking for 100% fly ash utilization along with schedule."***

2. On submission of action plan for 100% fly ash utilization, the matter was again placed before the EAC in the present meeting, wherein the PP made a presentation and inter-alia provided the following information.
3. CEA inspected the existing Ash Ponds of MTPS and advised DVC to review the proposal of land requirement. The revised proposal of additional land requirement to the tune of 202.54 acres (98.46 acres - non forest land & 104.08 acres - forest land) was accepted by CEA and recommended to MoEF for consideration. As desired by EAC, the detailed action plan for 100% fly ash utilization was submitted to MoEF on 17.04.2014 & DVC further requested MoEF for consideration of 104.08 acres of forest land to combat the present critical situation. DVC submitted the application for forest land, filled in Form - A, Part - I along with requisite documents to the Addl. PCCF & Nodal officer, Govt. of West Bengal on 17.07.2014 & Addl. PCCF has already taken up the issue with other officials including DM, Bankura, West Bengal.
4. The proposed additional pond is located in Mouzas Bankdaha and Latiaboni at Eastern part of the existing ash ponds of MTPS with Lat: 23<sup>0</sup>-26'-07" (N) and Long: 87<sup>0</sup>-08'-6" (E). The total land required is 213.39 acres (10.85 acres DVC own land + 98.46 acres non-forest land +

104.08 acres forest land), which is about 100 – 115 m above MSL. No forest exists except scattered trees over 104.08 acre forest land and there is no homestead land.

5. Regarding action plan for fly ash utilization, the Lafarge cement grinding unit located within MTPS premises having expansion program, demanded additional Fly Ash requirement of approx. 1000 MT/ day i.e. 3.5 Lac MT/year. Proposed construction of cement grinding unit by M/s Emami cement & M/s JK Lakshmi Cements near MTPS, require approx. 1500 MT/day i.e. 5 Lac MT/year. Cement Industries of North-Eastern States, through 2<sup>nd</sup> railway system – under construction, require approx. 25,000 MT/month i.e. 3 Lac MT/ year. After completion of the above activities, may be completed in 2018-19, total dry fly ash utilization would be to the tune of 19 to 20 Lac MT. After construction of new ash pond, holding capacity of it would be approx. 64 Lac MT. The holding capacity further increased by around 25 Lac MT after raising of existing ash dyke. These activities would be completed within 2020 & thus, creation of additional space would be approx. 80 Lac MT. Total utilization of dry fly ash & pond ash from the year 2018 & onwards would be 48 to 49 Lac MT against total ash generation of around 51 Lac MT. Thus, loading of ash in ash ponds would be minimized, around 2 to 3 Lac MT/year. In addition to above, further utilization of ash would be made in the expansion project of NHAI. Further utilization through Expression of Interest (EoI - in process). By all these activities, DVC MTPS could achieve efficient & effective ash management from the year 2020 & onwards.

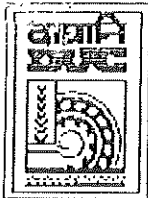
6. *Based on the information and clarifications provided by the Project Proponent and detailed discussions held on all the issues, the Committee recommended permission for additional ash pond of 213.39 acres subject to the following conditions.*

(i) *Forest Clearance shall be obtained for the forest land.*

(ii) *Thick green belt shall be developed all around the ash pond.*

**2.8 3x21 MW (OC) Natural Gas Based Thermal Power Plant of at Village Rokhia, District: Sepahijala, Tripura by M/s. Tripura State Electricity Corporation Ltd. (TSECL) – reg. ToR**

1. The PP and their environmental consultant, SENES Consultants India Pvt. Ltd. made a presentation and provided the following information. Though capacity wise, the project falls under category 'B', due to attraction of general condition i.e. location of the project site within 10 km of the international boundary, the proposal is considered as category 'A' project.
2. EC was accorded by the Ministry to TSECL for 75 MW on 08.02.1988. Further, EC was accorded for extension of project i.e. Phase II & III (2x8 MW each) on 20.09.1991 in-lieu of the earlier capacity of 75 (10x7.5) MW.
3. TSECL submitted proposals for expansion by 2x21 MW and 1x21 MW on 06.01.1998 and 10.12.2003 (**However, no ECs were accorded to these units by the Ministry**). TSECL had installed a total of 9 units (6x8 MW and 3x21 MW) at different points of time. Four units of 8 MW each were de-commissioned in the Years 2002, 2006, 2007 and 2013. Another two units of 8 MW each are kept as standby and expected to be de-commissioned in 2015-16. Even though the installed capacity is 111 MW, at no point of time, the generation had exceeded the EC granted capacity and only 3x21 MW i.e. 63 MW would be operated.



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E-mail: amitava\_roychowdhury@dvcindia.org

**DAMODAR VALLEY CORPORATION**  
**EM & PC SECTION, 10<sup>th</sup> FLOOR**  
**DVC TOWERS, VIP ROAD, KOLKATA - 700 054**

No. EM&PC/MT- 21/ 59

Date: November 12, 2015

To  
The Director  
Ministry of Environment, Forests and Climate Change,  
Indira Paryavaran Bhavan,  
Jor Bagh Road,  
Aliganj, 3<sup>rd</sup> floor,  
New Delhi 110 003.

Kind Attn: Shri B.B.Barman

**Sub: 2340 MW Mejia Thermal Power Station at Durlavpur, District : Bankura, West Bengal by  
M/s Damodar Valley Corporation Ltd. – reg. permission to acquire additional land for  
construction of new ash pond.**

**Ref: MoEF & Climate Change's letter no. J- 13011/01/2003- IA. II (T) dated 19.11.2014.**

Dear Sir,

In ref. to above subject, this is to state that your good office has approved the permission vide your letter cited supra for additional ash pond of 213.39 acres indicating 'formal permission will be issued only after submission of Stage-1 forest clearance for the forest land i.e. 104.08 acres involved in the additional ash pond within 12 months'.

In regard to the status of Stage-I forest clearance, Damodar Valley Corporation (DVC) has submitted proposal to the Addl. PCCF/Nodal Officer on 17.07.14. Accordingly, Nodal Officer, Forest Deptt., Govt. of West Bengal issued letters to DM, Bankura & DFO, Bankura North Division on 07.08.2014 for issuance of NOC & submission of report after field enquiry respectively. DM, Bankura sent the proposal to the concerned BDO. Subsequently, BDO has taken up the issue with the concerned offices for NOC. DVC is vigorously pursuing the matter with local administration as well as with Forest Deptt. Govt. of WB for early settlement. The relevant papers are enclosed for ready reference.

It is apprehended that the entire process will take some time. Considering the situation, you are requested kindly to extend the validity of submission period for another 12 months.

Encl: copies of relevant papers.

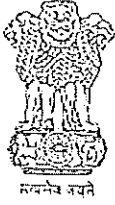
Yours faithfully,

(A.Roy Chowdhury)  
Chief Engineer (M), EM&PC

*He* → *12/11/15*

Copy for kind information (N.I.O):

- 1) Executive Director (Operation), DVC, Kolkata.
- 2) Chief Engineer & HoP, MTPS, DVC, Mejia – with a request to take up the issue with DFO, Bankura North Division & BDO on priority basis.



No. J-13011/01/2003-IA.II (T)  
Government of India  
Ministry of Environment, Forests and Climate Change

3<sup>rd</sup> Floor, Vayu Block,  
Indira Paryavaran Bhawan, Jor Bagh Road,  
Aliganj, New Delhi-110003

Dated: 19.11.2014

To

M/s Damodar Valley Corporation  
EM & PC Section,  
10<sup>th</sup> Floor, DVC Towers,  
VIP Road, Kolkata-700 054

Tel. No. 033-2355981; Fax. No. 033-23556042

2340 MW Thermal Power Station  
Dist. Bankura  
By No. 3  
01-12-14

Seen  
01/12/2014

**Sub: 2340 MW Mejia Thermal Power Station at Durloupur, District Bankura, West Bengal by M/s. Damodar Valley Corporation Ltd - reg. permission to acquire additional land for construction of new ash pond.**

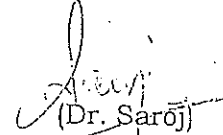
Sir,

This has reference to your letter dated 17.04.2014 on the above subject. It is noted that ECs were accorded for 2x250 MW (Unit-5&6) and 2x500 MW (Unit-7&8) on 10.02.2004 and 05.01.2007 respectively.

2. The matter was placed before the Expert Appraisal Committee (Thermal Power) in its 1<sup>st</sup> and 20<sup>th</sup> Meetings held during 19<sup>th</sup> -20<sup>th</sup> September, 2013 and 28<sup>th</sup> -29<sup>th</sup> August, 2014 respectively. In acceptance of the recommendation of the Expert Appraisal Committee (Thermal Power) and in view of the information/clarification furnished by you, with respect to the above mentioned power project, the Competent Authority of the Ministry has approved the permission for additional ash pond of 213.39 acres.

3. However, a formal permission will be issued only after submission of Stage I forest clearance for the forest land i.e. 104.08 acres involved in the additional ash pond area within 12 months.

Yours faithfully,

  
(Dr. Saroj)  
Scientist F

Phone: 2335 8581/ 7751/ 8755  
Fax: 2335 8756

e mail: pccfwb@vsnl.net

Government of West Bengal  
Directorate of Forests  
Aranya Bhawan, LA-10A Block, Sector-III, Salt Lake City,  
Kolkata- 700098

No. \_\_\_\_\_/L&LT/2M- \_\_\_\_\_/14 Date: \_\_\_\_\_  
From: The Principal Chief Conservator of Forests & Head of Forest Force, Govt. of West Bengal

To: The Divisional Forest Officer, Bankura North Forest Division.

Sub: Proposal for diversion of 42.1377 hec. of forest land in favour of the Damodar Valley Corporation, Mejia Thermal Power Station, for construction of new Ash-Pond adjacent to the existing Ash-Pond of MTPS, DVC under Bankura North Forest Division.

Ref.: DVC's endorsement No.MT/CE (O&M)21/2382; dt.17/07/2014.  
\*\*\*\*\*

Please find herewith a proposal for diversion of 42.1377 hec. of forest land, initiated by the Chief Engineer & Project Head, Damodar Valley Corporation, Mejia Thermal Power Station, Bankura, for construction of a new Ash-Pond adjacent to the existing Ash-Pond of MTPS; DVC under Bankura North Forest Division.

In view of the above, you are requested to conduct a field enquiry and to fill up of your Part-II of Form-A and send the same through your Chief Conservator of Forests after filling up of Part-III of the proposal.

You are, further, requested to upload, at the earliest, the Part-II of Form-A in the Ministry's website along-with your site inspection report in connection with the proposed project and send a confirmation report to this effect in due course.

The District Magistrate, Bankura is also requested separately for issuance of clearance certificate under Forest Rights Act, 2006 from his end.

Encl.6 sets of proposal

Addl. Principal Chief Conservator of Forests, CAMPA  
&  
Nodal Officer, Forest Conservation Act, 1980  
West Bengal

No. 4000 /L&LT/2M- 1079 /14

Date: 07/08/14

Copy forwarded for information and necessary action to:-

1. The Chief Conservator of Forests, Central Circle.
2. Shri A.K. Banerjee, Chief Engineer & Project Head, Damodar Valley Corporation, Mejia Thermal Power Station, Bankura, P.O-MTPS, Dist.-Bankura, West Bengal, Pin-722183. He is requested to take necessary measures for uploading the proposal in the Ministry's website from his end.

Addl. Principal Chief Conservator of Forests, CAMPA  
&  
Nodal Officer, Forest Conservation Act, 1980  
West Bengal

Phone: 2335 8581/ 7751/ 8755  
Fax: 2335 8756

पु.अ.एव. परे प्रखन का कार्यालय  
CE & P.H. Office  
अ.सा.नि.पे.ता.वि.के./DVC, MTPS  
आयरी/Dy. No. 7204  
दि.पत्र/Date. 12/8/14

e mail: pccfwb@vsnl.net

Government of West Bengal

Directorate of Forests

Aranya Bhawan, LA-10A Block, Sector-III, Salt Lake City,  
Kolkata- 700098

No. \_\_\_\_\_/L&LT/2M-

/'14

Date:

From: The Principal Chief Conservator of Forests & Head of Forest Force, Govt. of West Bengal

To: The District Magistrate, Bankura.

Sub: Proposal for diversion of 42.1377 hec. of forest land in favour of the Damodar Valley Corporation, Mejia Thermal Power Station, for construction of new Ash-Pond adjacent to the existing Ash-Pond of MTPS, DVC under Bankura North Forest Division.

\*\*\*\*\*

Sir,

Enclosed please find herewith a copy of the proposal, initiated by the Chief Engineer & Project Head, Damodar Valley Corporation, Mejia Thermal Power Station, Bankura, for construction of a new Ash-Pond adjacent to their existing Ash-Pond of MTPS, DVC under Bankura North Forest Division, for your information and necessary action in the matter of issuing No Objection Certificate (NOC) under Forest Rights Act, 2006.

Since the project, being a non-linear one, the NOC is required to be issued in Form-II, enclosed for the purpose.

Encl. as above

Yours faithfully,

(S.K. Sen)

Addl. Principal Chief Conservator of Forests, CAMPA  
&  
Nodal Officer, Forest Conservation Act, 1980  
West Bengal

No. 3998 /L&LT/2M- 1079 /'14

Date: 07/08/14

Copy forwarded for information and necessary action to:-

1. The Chief Conservator of Forests, Central Circle.
2. The Divisional Forest Officer, Bankura North Forest Division.
- ✓ 3. Shri A.K. Banerjee, Chief Engineer & Project Head, Damodar Valley Corporation, Mejia Thermal Power Station, Bankura, P.O-MTPS, Dist.-Bankura, West Bengal, Pin-722183.

6/8/2014  
Addl. Principal Chief Conservator of Forests, CAMPA  
&  
Nodal Officer, Forest Conservation Act, 1980  
West Bengal

File no - FP/WB/Others/6171/2014. dt - 28.7.14.

SCC/MTPS  
A.K. Banerjee  
12/08/14

DCE/CMD  
12/08/2014



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**DAMODAR VALLEY CORPORATION**  
**EM & PC SECTION, 10<sup>th</sup> FLOOR**  
**DVC TOWERS, VIP ROAD, KOLKATA - 700 054**

No. EM&PC/MT- 21/ 76

Date: December 07, 2015

To  
The Director  
Ministry of Environment, Forests and Climate Change,  
Indira Paryavaran Bhavan,  
Jor Bagh Road,  
Aliganj, 3<sup>rd</sup> floor,  
New Delhi 110 003.

Kind Attn: Shri B.B.Barman

Sub: 2340 MW Mejia Thermal Power Station at Durlavpur, District : Bankura, West Bengal by M/s Damodar Valley Corporation Ltd. – reg. permission to acquire additional land for construction of new ash pond.

Ref: 1. MoEF & Climate Change's letter no. J- 13011/01/2003- IA. II (T) dated 19.11.2014.  
2. Our Letter No. EM&PC/MT- 21/ 59 dated 12.11. 2015

Dear Sir,

This has reference to our earlier letter, under ref. 2 and subsequent discussion with MoEF officials on 02.12.2015. We are depicting below the actions taken from our end for obtaining 1<sup>st</sup> stage clearance of the forest land i.e. 104.08 acres involved in the additional ash pond of 213.39 acres. After submission of proposal to Addl. PCCF dated 17.07.2014 & persuasion made from DVC end, letters were issued by Addl. PCCF on 07.08.2014 to DM, Bankura, Chief Conservator of Forest, central circle & DFO, Bankura North Division for issuance of NOC & submission of report after field enquiry.

The activities taken are placed in seriatim after issuance of letter dated. 19.11.2014 of MoEF:-

- 1) In regard to issuance of NOC, DM, Bankura sent the proposal to the concerned BDO tentatively in Feb, 2015.
- 2) BDO sent the proposal to BL & LRO. After several persuasion of DVC, BL & LRO cleared & sent to BDO.
- 3) BDO also sent the proposal to concerned Panchayats but in spite of several persuasion of DVC, till date the same was not received by BDO.
- 4) In regard to submission of forest land enquiry & report, the file rests with DFO. However, several discussions was made with DFO in the month of December'14, February'15, April'15, July'15, August'15, October'15 & November'15.
- 5) Persuasion was made with Addl. PCCF/Nodal officer, Forest Deptt., Govt. of West Bengal in the month of December'14, April'15, July'15, August'15, & November'15.

Besides above efforts, the file lies with DFO, Bankura North Division. In regard to no objection clearance, the file still lies with the concerned BDO. However, DVC is pursuing vigorously the matter with local administration as well as with Forest Deptt. Govt. of WB for early settlement. It is apprehended that the entire process will take some time. Considering the situation, you are requested kindly to extend the validity of submission period at least for another one year.

Yours faithfully,

(A.Roy Chowdhury)  
Chief Engineer, EM&PC

Copy for kind information (N.I.O):

- 1) Executive Director (Operation), DVC, Kolkata.
- 2) Chief Engineer & HoP, MTPS, DVC, Mejia – with a request to take up the issue with DFO, Bankura North Division & BDO on priority basis.

o/c  
7/12/15