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**File No. CA1-13018/3/2016-CA1 (FTS-332020)**

Government of India  
Ministry of Coal  
CBA-I Section

\*\*\*


Shastri Bhawan New Delhi,  
Dated 30<sup>th</sup> August, 2018

**OFFICE MEMORANDUM**

**Sub:** Minutes of 39<sup>th</sup> Meeting of the Inter-Ministerial Group (IMG) held on 21.08.2018 under the Chairmanship of Additional Secretary (Coal) to review the issue of Bank Guarantee - reg.

The undersigned is directed to refer to the subject mentioned above and to forward herewith Minutes of 39<sup>th</sup> Meeting of the Inter-Ministerial Group (IMG) under the chairmanship of Additional Secretary (Coal) held on 21-08-2018 at 3.30 PM at Conference Room No.307, A wing, Shastri Bhawan, New Delhi to undertake review on the issue of Bank Guarantee of prior allottee of Kerandari B&C coal block, for information and necessary action.

**Encl: As above**

  
(J.S. Bindra)  
Director  
Ph:2338 4431

To:

1. Joint Secretary (IE), Deptt. of Economic Affairs, Room No .67B, North Block, New Delhi.
2. Joint Secretary (Thermal), Ministry of Power, Shram Shakti Bhawan, New Delhi.
3. Joint Secretary, Dept. of Industrial Policy & Promotion, Udyog Bhawan, New Delhi.
4. Joint Secretary, Ministry of Steel, Udyog Bhawan, New Delhi.
5. Joint Secretary, Deptt. of Legal Affairs , Shastri Bhawan, New Delhi.
6. Shri R.K. Sinha, Joint Secretary, Ministry of Coal
7. Smt. Reena Sinha Puri, JS&FA, Ministry of Coal
8. Shri Anindya Sinha, Advisor (Projects), Ministry of Coal
9. Shri Shekar Saran, CMD, CMPDIL, Gondwana Place, Kanke Road, Ranchi.
10. Shri Anjani Kumar, Coal Controller, 1, Council House Street, Kolkata-700001
11. Shri J.S.Bindra, Director (CBA-I), Ministry of Coal
12. DM (Legal), Legal Cell, Ministry of Coal
13. Chief Secretary, Govt. of Jharkhand (or his representative), Ranchi (Special invitee)
14. CMD, Jharkhand Urja Vikas Nigan Ltd. (JUVNL), Engineering Building, HEC, Dhurva, Ranchi -834004 (Special invitee).
15. CMD, M/s Reliance Power Ltd (Erstwhile Developer), Dhirubhai Ambani Knowledge City, 1-Block 2nd Floor, North Wing, Thane Belapur Road, Koparkhairane, Navi Mumbai (Maharashtra)-400710.

**Copy to:**

1. PS to Hon'ble Minister for Railways and Coal
2. PS to Hon'ble Minister of State for Coal and Mines
3. PSO to Secretary (Coal)
4. Sr.PPS to Additional Secretary (Coal) & Chairman, IMG.
5. TD (NIC) with request to upload on the website of MoC.

**Minutes of 39<sup>th</sup> Meeting of the Inter-Ministerial Group (IMG) under the chairmanship of Additional Secretary (Coal) held on 21-08-2018 at 3.30 PM at Conference Room No.307, A wing, Shastri Bhawan, New Delhi to undertake review on the issue of Bank Guarantee of prior allottee of Kerandari B&C coal block.**

List of participants is placed at **Annexure**.

1. Welcoming the participants, Additional Secretary (Coal) & Chairman, IMG informed the participants that the present IMG meeting has been convened to deliberate upon the issue of deduction/release or otherwise of Bank Guarantee of Kerandari B&C coal block submitted by Reliance Power Ltd. The crux of the issue lies in determining responsibility for delay in development of Kerandari B&C coal block linked to Tilaiya UMPP, which will result in decision on the issue.

2. The representative of JUVNL was requested to furnish the following information during the last IMG meeting:

(i). How much land was required to be acquired by the procurers for the coal block and to be handed over to the seller (RPL).

(ii) As on 28.04.2015, how much land for coal block was acquired and possession handed over to RPL.

(iii) Whether any notice under section 9 of Land Acquisition Act was issued in respect of land for coal mines as per terms of PPA? If yes, the date thereof.

(iv) Whether site clearance from MoEF for the coal block was obtained? If so, the date thereof.

3. Representative of JUVNL submitted that 11120 acres of land was to be acquired for the coal block. Further, no notification under Land Acquisition Act was ever issued in respect of land for coal mines as per terms of PPA. For the remaining two queries and other queries raised during the meeting, he requested IMG to refer to the minutes of the Joint Monitoring Committee (JMC), which was the mechanism in place to review the development of Tilaiya UMPP under the aegis of Central Electricity Authority (CEA). During the meeting, CEA was requested to produce the Summary and copies of Minutes of all the meetings. CEA provided the requisite documents during the course of the meeting. It was noted by IMG that a total of 13 meetings of JMC were held. Relevant parts of the Minutes of JMC meetings are given as under-

<b>JMC meeting</b>	<b>Relevant part of JMC meeting</b>
1st JMC Meeting on 07.12.2009 <b>(Annexure-1)</b>	(i) JIPL has received the GR on 03.12.2009 from CMPDI for Kerandari B&C coal block. Preparation of Mine Plan is in progress and is expected to be ready by January, 2010. After preparation of mine plan, exact land required for coal mine would be known.  JIPL is planning to appoint the consultants for EIA/EMP report. Consultants are also been identified for topographical survey and block boundary demarcation.

<p>2nd Meeting on 11.05.2010 (Annexure-2)</p>	<p>(i) Regarding land for coal block, JIPL stated that total land for coal block is about 6,358 acres for which land use survey is in progress. JIPL informed that PFC had submitted the application for land acquisition in February, 2009 but the survey work has recently been commenced by State Government. Problem is being faced in establishing the ownership due to damage of records.</p> <p>(ii) R&amp;R for the PAPs of coal block area is a big issue.</p> <p>(iii) Expedite land acquisition. Finalise coal transportation system.</p>
<p>3rd Meeting on 20.09.2010 (Annexure-3)</p>	<p>(i) JIPL informed that ToR has been approved and EIA study is in progress. JIPL was requested to intimate area of the land for coal block where early acquisition is required.</p>
<p>4th Meeting on 18.02.2011 (Annexure-4)</p>	<p>(i) Mining plan has been approved by Ministry of Coal. The total land required for coal block is 11115 acres which consists of 3877 acres of forest land. JIPL stated that application for land acquisition was submitted and proposal for diversion of forest land was to be finalized.</p> <p>(ii) R&amp;R plan for coal block area needs to be finalized at the earliest.</p>
<p>5th Meeting on 24.05.2011 (Annexure-5)</p>	<p>(i) JIPL stated that the application for land acquisition for private land (5531 acres) has been submitted and notification under section 4 is yet to be issued.</p> <p>(ii) Land acquisition application for government land (1094 acres) was also submitted which is currently pending at District office.</p> <p>(iii) Proposal of forest diversion (4495 acres) is also submitted and is currently pending with nodal office.</p> <p>(iv) Mining lease application has been submitted and is in process at Department of Mines and Geology, Jharkhand.</p> <p>(v) JIPL stated that 1000 acres of land has been identified for resettlement of project displaced families.</p>
<p>6th Meeting on 20.09.2011 (Annexure-6)</p>	<p>(i) JIPL informed that application for land acquisition of private and government land has been submitted to district administration. Deputy Commissioner, Hazaribagh has sought consent from State Revenue Department for initiating the process.</p> <p>(ii) Forest diversion proposal was submitted to DFO and the same is currently being processed at State level.</p> <p>(iii) JIPL requested for support from State Revenue Department to provide the consent to District Revenue Department to commence the land acquisition process and issuance of notification under section-4. Further, JIPL requested for early recommendation of stage-I forest clearance from the State Government to MoEF.</p> <p>(iv) Chairperson, CEA requested Government of Jharkhand to expeditiously process the proposal for land required for coal block.</p>
<p>7th Meeting on 04.01.2012 (Annexure-7)</p>	<p>(i) JIPL informed that Coal mine development requires a total land of 11120 acres, which comprises of 5953 acres of private land, 861 acres of Govt. land and 4306 acres of forest land.</p>

	<p>(ii) Application for acquisition of private and Govt. land was submitted to District Administration and the same is pending with District Administration for issuance of Section 4 Notification. Deputy Commissioner of Hazaribagh had sought consent from State Revenue Department for initiating the land acquisition process and same has been granted by State Revenue Deptt.</p> <p>(iii) For forest land, forest diversion proposal has been validated at District and Nodal level now pending at State Forest Deptt</p> <p>(iv) 1000 acres of land is required to settle the project affected Person (PAPs) from coal mine area. The coal mine and R&amp;R budget is around RS.3000 to 3500 crores as against the pre bid estimate of RS.342 crores.</p> <p>(v) Chairman, CEA requested Govt. of Jharkhand to expedite land acquisition for coal mining area.</p>
8th JMC Meeting on 28.08.2012 (Annexure-8)	<p>(i) Application for LA of private Govt. land in coal mine area are being processed at State Govt. level. Issuance of notification under Section 4 is pending.</p> <p>(ii) Forest diversion proposal pending at State Forest Deptt.</p> <p>(iii) Mining plan .of coal block approved by Ministry of Coal.</p> <p>(iv) Chairman, CEA requested JIPL to furnish land requirement for coal mine corresponding to the requirement of UMPP vis-à-vis total land requirement for 40 MTPA production capacity as per the approved mining plan.</p>
9th JMC Meeting on 18.02.2013 (Annexure-9)	<p>(i) Issuance of notification under Section 4 is pending.</p> <p>(ii) M/s JIPL communicated that Coal Mine development requires a total of 12108 acres of land with 11120 acres spread across Coal Block area and 988 acres for the R&amp;R colony. This total land comprises 6761 acres of private land, 1041 acres of Govt. land and 4306 acres of Forest land. Forest diversion proposal submitted in May 2011 pending at State Forest Deptt. for onward submission to MOEF.</p> <p>(iii) Govt. of Jharkhand was requested to expedite the land acquisition.</p>
10th JMC Meeting on 24.06.2013 (Annexure-10)	<p>(i) Requirement of land for 40 MTPA coal and 20 MTPA coal would be different. It was decided that opinion of CMPDIL would be sought by Energy Dept of Govt. of Jharkhand.</p> <p>(ii) In respect of EC for coal block, MoEF requested to re-conduct the public hearing. JMC requested JIPL to write to Govt. of Jharkhand to take up with MoEF to reconsider their decision.</p> <p>(iii) Application for mining lease submitted in May, 2010 still pending with State mining Department for onward submission to MoC for seeking prior approval.</p> <p>(iv) Govt. of Jharkhand was requested to expedite the resolution of land acquisition issues.</p>

<p>11th JMC Meeting on 17.10.2013 (Annexure-11)</p>	<p>(i) Project officer informed that application for land acquisition for coal block was submitted in May, 2011 and process of notification under section 4 &amp; 6 is pending with Revenue &amp; Land Reform Department.</p> <p>(ii) Application for mining lease is pending with State Govt. During the meeting it was deliberated that there is overlapping issue in some of mining lease matters. Chief Secretary directed to send the proposal with overlapping issue urgently for prior approval of Govt. of India., and hearing on overlapping issue may be completed later on at State level.</p> <p>(iii) Chief Secretary directed all departments to expedite disposal of all pending matters.</p>
<p>12th JMC Meeting on 08.07.2014 (Annexure-12)</p>	<p>(i) Principal Secretary (Govt. of Jharkhand) stated that the project is not taking off primarily because of land issue, forest clearance of land, land acquisition and approval of R&amp;R plan.</p> <p>(ii) JIPL pointed out that the project has become unviable due to increase in cost of land and R&amp;R for coal blocks. Cost of project has gone up manifold and none of lenders are coming forward to give loans. It is not possible to hold the price line/tariff at the 2008 bid level which has become unviable.</p> <p>(iii) Land for coal blocks, R&amp;R colony, coal corridors yet to be acquired.</p> <p>(iv) Govt. of Jharkhand was requested to expedite the process of land acquisition, approval of R&amp;R plan and all other pending issues at State Govt. level.</p> <p>(v) JIPL stated that handing over of Government and forest, approval of R&amp;R plan and forwarding of mining lease application to MoC and EC to MoEF is still pending</p>
<p>13th JMC Meeting on 17.04.2015 (Annexure-13)</p>	<p>(i) Even after 5 years of transfer of SPV, no land for power plant has been transferred till date. The process for land acquisition for coal block is yet to be started.</p> <p>(ii) Principal Secretary (Energy) Jharkhand directed the state govt. departments dealing with land acquisition and forest clearance to expedite the ongoing process in the time bound manner.</p> <p>(iii) Regarding private land of 5948 acre pertaining to coal block area, it was informed to Revenue Department that application in revised proforma for the land acquisition under the new Act is to be submitted by the JIPL. JIPL agreed to do so by 05.05.2015.</p> <p>(iv) Regarding forest land of 4306 acres, it was informed by Forest Department that the proposal has been sent to MoEF &amp; CC, GoI vide Forest Department's letter No. 1583 dt. 24.03.2015 for stage-I clearance.</p> <p>(v) Regarding coal corridor, the forest diversion proposal for 999.45 acre of land was submitted at district level. For forest land, JIPL was required to submit online application to nodal officer, FC Act, Jharkhand by 15.05.2015 for diversion of the forest land.</p>

(vi) Regarding Environmental Clearance for coal block, it was submitted by Jharkhand State pollution Control Board (JSPCB) that hearing was fixed on 02.03.2015 on which date the JIPL did not appear. Subsequently, JIPL has requested JSPCB to re conduct the Public Hearing. JSPCB in consultation with District Administration may conduct the Public Hearing as per the extant procedure. It was replied by JSPCB that DC, Hazaribagh has been requested by JSPCB vide letter No. 599 dt. 15.04.2015 to fix another date for public hearing. JIPL stated that its modified EIA report is not ready. JIPL assured to submit its modified EIA report by 5.05.2015 after which JSPCB will write to DC, Hazaribagh to fix another date for public hearing.

#### **Deliberations of IMG on the minutes of JMC:**

- IMG noted that as per minutes of 7<sup>th</sup> JMC dated 04.01.2012, **(Annexure-7)** development of coal mine required acquisition of total land of 11120 acre which comprised of 5953 acre of private land (*as per 13<sup>th</sup> JMC (Annexure-13) private land is 5948 acres*), 861 acres of Govt. land and 4306 acres of forest land.
  - It was also noted by IMG that application for land acquisition for private & Govt. land was pending at State Revenue Department of Jharkhand Govt. and application for acquisition of forest land/forest diversion proposal was pending at Forest Department of Jharkhand Govt.
  - IMG deliberated that from minutes of JMC meetings it is amply clear that land for coal blocks, R&R colony, coal corridors could not be acquired by the procurers even after repeated requests of JMC to expedite the process of land acquisition.
  - It was also found by IMG that application for previous approval of mining lease under Section 5(1) of MMDR Act was not forwarded to MoC, Govt. of India and was pending at State Govt. level.
  - Regarding another obligation of the procurers under PPA i.e. 'Site clearance from Ministry of Environment and Forests ("MOEF") for the coal mines', it was noted by IMG that the public hearing was not completed till 15.04.2015. Even the proposal regarding forest land of 4306 acres was forwarded to MoEF only on 24.03.2015 for stage-I clearance. Later, JIPL/RPL served the notice of termination of PPA on 28.04.2015.
  - In view of above, it is clear that the procurers could not fulfil salient obligations mentioned in the PPA.
4. During 38<sup>th</sup> IMG meeting, PFC and RPL were asked as to whether any milestones were formulated in consultation with PFC as stipulated in clause (v) of the allocation letter dated 20.07.2007 **(Annexure-14)**. PFC has categorically stated that no such milestones were formulated, however, they submitted that standard

milestones chart would automatically become applicable in this situation. RPL stated that standard milestones are not applicable in this case due to condition no. (v) of allocation letter which states that coal block has to be developed **in synchronization** with power project. RPL further stated that if it is assumed that standard milestones are applicable, then the coal block would have become ready for production 2 years before the commissioning of the 1st unit of power plant. The first unit was to be commissioned within 69 months and entire power project within 93 months from 07.08.2009 (date of transfer of JIPL to RPL by PFC) as per the terms of PPA. It was not logical that the coal block would be ready within 42 months of 07.08.2009. RPL was asked whether any action was taken from their end to get the milestones formulated in consultation with PFC or whether any communication was made to MoC in this regard.

5. RPL have submitted their response along with supporting documents vide letter dated 17.08.2018 (**Annexure-15**) wherein they have contended that development of Kerandari B&C coal block cannot be mapped with reference to standard development schedule of Ministry of Coal. RPL also submitted that development schedule for power plant and associated coal block is subject to fulfilment of conditions by the procurer as per Article 3.1.2A of PPA. It was noted by IMG members that as per Article 3.1.2.A of the Power Purchase Agreement (PPA) signed on 10.09.2008 between Jharkhand Integrated Power Ltd. (JIPL-a wholly owned subsidiary of PFC) and 18 Procurers led by JUVNL, the procurers were responsible to ensure that following activities are completed within the time period mentioned below-

Activity	Timeline to completion*
1. Ensure the completion of the following tasks: i. Handing over the possession of the land for the Power Station and water intake pipeline. ii. Issuance of notice under Section 9 of Land Acquisition Act in respect of land for coal mines and fuel transportation system. iv. Site clearance from Ministry of Environment and Forests ("MOEF") for the coal mines.	Within six (6) months from the Effective date (07.08.09) or eight (8) months from the date of issue of Letter of Intent (12.02.09), whichever is later, i.e. 7-Feb-2010

\*Note: Table taken from presentation made by RPL during 38<sup>th</sup> IMG meeting dated 10.08.2018.

RPL, in response, submitted that considering synchronous development of coal block with respect to end-use power plant as per the standard milestones, the production of coal was envisaged in March, 2015 i.e. 2 months prior to the Scheduled Commercial Operation Date (COD) of unit No.1 (May 2015), which is 69 months from the date of transfer of SPV as per terms of PPA. Consequent to failure of the procurers to perform their obligations, the scheduled CODs stood deferred by a period of two years in accordance with the provisions of Article 4.5.1 read with Article 4.5.3 of PPA. Consequently, synchronized development of coal block would have entailed commencement of coal production in March, 2017. RPL has further submitted that, vide their letter dated 03.01.2014 (**Annexure-16**) in response to Show Cause Notice of MoC dated 16.12.2013 (**Annexure-17**), the synchronous schedule had been shared with MoC. IMG noted that RPL was unable to produce any document which shows that any action was taken by RPL to get the milestones formulated in consultation with PFC. CCO also confirmed that no milestone chart was formulated in

consultation with PFC as required under condition no. (v) of the allocation letter dated 20.07.2007.

6. CCO informed that before 35th IMG meeting, vide their letter dated 23.06.2016(**Annexure-18**), calculation of BG deduction for non-achievement of milestones set for development of coal block was made based on the status report submitted by JIPL/RPL. CCO had calculated-

- i. 30% deduction of BG for delay of 9 months w.r.t. submission of BG (8% weightage), as per terms and conditions of allotment letter;
- ii. 20% deduction of BG for delay of 6 months w.r.t. mining lease application (7% weightage), as per standard milestones; and
- iii. 10% deduction of BG for delay of 4 months w.r.t. submission of mining plan (10% weightage), as per standard milestones.

Thus, CCO had calculated a figure of Rs. 4.99584 crore to be deducted from the BG submitted by RPL/JIPL. As per allocation letter, the BG was to be submitted within 3 months of award of project (07.08.2009) i.e. by 07.11.2009, but it was submitted on 31.07.2010, i.e. after a delay of almost 9 months.

7. In response to the above issues arising out of CCO's letter dated 23.06.2016, RPL referred to their reply dated 17.08.2018 and submitted that-

**a) Milestone pertaining to Submission of Bank Guarantee:** The demand for submission of Bank Guarantee (BG) of Rs.208.16 Crore was raised by MoC vide its letter dated 06.07.2010 and the BG was to be submitted within 30 days of the issue of the said letter. RPL submitted the Bank Guarantee of Rs.208.16 Crore dated 31.07.2010 to MOC, well within the stipulated 30-day period. Thus there was no delay in submission of BG by RPL.

*A copy of MoC's letter dated 06.07.2010(Annexure-19) and copy of BG dated 31.07.2010 of RPL (Annexure-20) were produced by RPL to IMG vide their letter dated 17.08.2018(Annexure-15).*

**b) Milestones pertaining to Mining Lease application and Submission of Mining Plan**

**i)** As explained in the 38<sup>th</sup> meeting, the submission of Mining Lease application and submission of Mining Plan is entirely dependent upon the availability of geological Reports (GR).

**ii)** As regards availability of Geological reports (GR), RPL placed on record the following:

- On transfer of SPV to RPL on 07.08.2009, RPL/JIPL, on 11.08.2009 (within 4 days of SPV transfer) requested CMPDI to intimate the cost of GR for Kerandari B&C Coal Block.
- CMPDI intimated the cost of GR to RPL/JIPL on 08.09.2009.
- RPL/JIPL deposited the cost of GR to CMPDI/MoC on 11.09.2009 (within 3 days of CMPDI's intimation of cost).



- The GR was made available by CMPDI vide letter no. CMPDIL/DG/0334/5388-89 dated 03.12.2009.
- The critical aspects of GR, provided by CMPDI on 03.12.2009, underwent changes which included coal reserves, seam characteristics. The revised GR was finally made available in February 2010.

*Copy of CMPDI's letter no. CMPDIL/DG/0334/5388-89 dated 03.12.2009(Annexure-21) regarding GR was made available to IMG by RPL vide their letter dated 17.08.2018 but RPL has not supplied any document in support of their submission that the revised GR was finally made available to them in February 2010 by CMPDIL.*

### **iii) Submission of Mining Lease Application and Mining Plan**

- M/s RPL submitted that after the revised GR was made available by CMPDI in February 2010, the application for Mining Lease was submitted on 07.05.2010 (~2 months after the receipt of the revised GR) and the Mining Plan was submitted on 09.06.2010 (~3 months after the receipt of GR).
- M/s RPL further submitted that keeping in view the synchronous development of coal mine w.r.t. end use power plant (as per para 21 of RPL's letter dated 03.01.2014, intimating synchronous schedule) the mining lease application and mining plan were to be submitted on 07.06.2011 and 07.09.2011 respectively (i.e. 47 and 44 months prior to Scheduled Commissioning date of Unit No.1). However, the same were achieved way ahead on 07.05.2010 and 08.06.2010 respectively (i.e. ahead by 13 and 15 months).

*A copy of each of above referred documents i.e. RPL's letter dated 03.01.2014(Annexure-16), receipt of mining lease application dated 07.05.2010(Annexure-22) and letter dated 08.06.2010(Annexure-23) regarding submission of mining plan, were made available to IMG by RPL vide their letter dated 17.08.2018.*

8. AS (Coal) requested IMG members and participants to bring to notice of the IMG any other relevant issues/facts/additional submissions, if required. All of them had concurred that relevant issues/facts have already been discussed.

9. After detailed discussion with the members/participants of the meeting and taking into account their comments/submissions/explanations and discussion made during the meeting, the IMG deliberated as follows:

(a) IMG deliberated that Kerandari B&C coal block was an integral part of Tilaiya UMPP which was required to be developed as per schedule of the PPA. On the other hand, as per condition no. (v) of allocation letter, the milestones for development of Kerandari B&C coal block were to be determined in consultation with PFC within one month from the date of award of project to the successful bidder. Since development of the coal block had to be synchronized with coal requirement of the UMPP, the development schedule of coal block will be different from development schedule of 48 months as per the standard milestone chart and the same was required to be aligned with the development schedule of the power plant. As per the schedule of PPA, 1<sup>st</sup> unit of power plant was to be commissioned within 69 months and the entire power project within 93 months from effective date. It has been

confirmed by PFC, RPL and CCO that no such milestone chart for development of Kerandari B&C coal block was ever formulated as per condition no. (v) of allocation letter. Condition no. (ix)(a) of allocation letter provides that *'there shall be an annual review of progress achieved by an allocatee company. In the event of lapses, if any, in the achievements vis-à-vis the milestones set for that year, a proportionate amount shall be encashed and deducted from the bank guarantee.'* In the event of unavailability of milestones, IMG is unable to assess the amount to be deducted, if any, from BG vis-à-vis development of the coal block.

However, as CCO has calculated the amount to be deducted from BG considering 07.08.2009 as zero date (i.e. the date of transfer of JIPL to RPL) on account of lapses made by RPL as per **standard** milestones. IMG felt that it would be appropriate to deliberate upon it.

(b) IMG deliberated that as per the terms of PPA, JUVNL- the lead procurer, was responsible for land acquisition for coal mine & fuel transportation system and site clearance from MoEF in respect of Kerandari B&C coal block. Even the proposal regarding forest land of 4306 acres was forwarded to MoEF only on 24.03.2015 for stage-I clearance. Later, JIPL/RPL served the notice of termination of PPA on 28.04.2015. As noted above, the procurers could not fulfil these obligations mentioned in the PPA even till the time of notice of termination of PPA dated 28.04.2015. JUVNL accepted during the meeting that no notification under Land Acquisition Act was ever issued in respect of land for coal mines as per terms of PPA. Site clearance from MoEF was also not obtained by procurers as per terms of PPA till 28.04.2015.

(c) IMG deliberated that with regard to 30% deduction of BG for delay of 9 months w.r.t. submission of BG (8% weightage), as per condition no. (viii) of allocation letter, the allocatee had to submit a bank guarantee (BG) i.e. equal to one year's royalty amount based on mine capacity as assessed by CMPDIL, grade of coal and the weighted average royalty within 3 months of award of project to the successful bidder. It is a fact that calculation of BG amount was possible only after finalization of GR. The revised final GR was made available by CMDPIL to RPL only in February, 2010. Accordingly, MoC, vide letter dated 06.07.2010, modified condition no. (viii) of allocation letter and requested JIPL to submit BG of Rs. 208.16 Crores as assessed by CMPDIL of B to G grades of coal within 30 days of from the date of issue of that letter. It was specifically mentioned that other terms and conditions of the allocation letter dated 20.07.2007 shall remain the same. RPL submitted BG dated 31.07.2010 to MoC on 05.08.2010 i.e. well within 30 days. Hence there seems to be no delay on the part of RPL as regard to submission of BG.

(d) IMG deliberated that with regard to 20% deduction of BG for delay of 6 months w.r.t. mining lease application (7% weightage) as well as 10% deduction of BG for delay of 4 months w.r.t. submission of mining plan (10% weightage), as calculated by CCO, is again dependent upon availability of GR. According to RPL, the application of mining lease was submitted to Govt. of Jharkhand on 07.05.2010 and the Mine plan was submitted to MoC on 08.06.2010. It seems that CCO has not taken into account the fact that final GR was made available to RPL/JIPL only in February, 2010, therefore, the subsequent milestones should have been assessed from February, 2010 instead of 07.08.2009. IMG while taking into account the above facts deliberated that there seems to be no delay in submission of mining lease application and submission of mining plan by JIPL/RPL.

Meeting ended with vote of thanks to the chair.

## List of Participants

S. No.	Name (Shri/Smt/Ms.)	Designation	Ministry /Department/ Organization/Company
1	Suresh Kumar	Additional Secretary (Coal) (Chairman of IMG)	Ministry of Coal
2	Rajesh Kumar Sinha	Joint Secretary	Ministry of Coal
3	Jasmeet Singh Bindra	Director	Ministry of Coal
4	Anjani Kumar	Coal Controller	Coal Controller's Organization, Kolkata.
5	K. Mukhopadhyay	OSD (Project)	Coal Controller's Organization, Kolkata
6	Dr. A.K. Panda	CM (Geology)	CMPDI, Ranchi
7	Jagannath	Assistant Legal Adviser	Ministry of Law
8	Anup Singh Bisht	Under Secretary	Ministry of Power
9	Mukesh Rai	Under Secretary	Ministry of Steel
10	Manish Kr. Agrawal	Sr. Manager	Power Finance Corporation
11	Monika Jassi	D.M.	Power Finance Corporation
12	Shrikant D Kulkarni	President	Reliance Power Limited
13	Manoj Pradhan	V.P.	Reliance Power Limited
14	Virendra Shukla	AVP	Reliance Power Limited
15	N.K. Gopalakrishnan	Director	Central Electricity Authority
16	Manoj Kumar	Deputy Director	Central Electricity Authority
17	Rakesh Raushan	Superintendent Engineer	Jharkhand Urja Vikas Nigam Ltd. (JUVNL)
18	Ajay Kumar	Section Officer	Ministry of Coal
19	Pratishtha Saxena	Legal Executive	Ministry of Coal/CIL

\*

केन्द्रीय विद्युत प्राधिकरण  
तापीय आयोजना एवं अन्वेषण प्रभाग  
सेवा भवन, रामाकृष्णापुरम  
नई दिल्ली-110066

क्र. 230/तिलैया-समाप्त/झा./सी.ई.टी.पी.आई/के.वि.प्रा./2009/25-45

दिनांक 01.01.10

विषय: तिलैया अल्ट्रा मेगा पावर प्रोजेक्ट (6x660 मे.वा0) के कार्यान्वयन की प्रगति के प्रबोधन हेतु पहली संयुक्त मॉनिटरिंग समिति की बैठक का कार्यवृत्त.

तिलैया अल्ट्रा मेगा पावर प्रोजेक्ट (6x660 मे.वा0) के कार्यान्वयन की प्रगति के प्रबोधन हेतु दिनांक 7.12.2009 को केन्द्रीय विद्युत प्राधिकरण में आयोजित पहली बैठक का कार्यवृत्त संलग्न है.

मन प्रीत सिंह

(एम.एस.पुरी)

मुख्य अभियन्ता

एवं सदस्य सचिव, संयुक्त मॉनिटरिंग समिति

संलग्न:

1. प्रधान सचिव(उर्जा), उर्जा विभाग, झारखंड सरकार, नेपाल हाउस, रांची, फैक्स नं. 651-2491002.
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6. सचिव उर्जा, उर्जा विभाग, पंजाब सरकार, सेक्टर 9, मिनी सचिवालय, चंडीगढ़-160001, फैक्स नं. 0172-2741554.
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9. एम.ए. बकवर्ती कार्यकारी निदेशक (सी.एल.जी.), पावर फाइनेंस कारपोरेशन लि. उर्जा निधि 1, बाराखम्बा लेन, कानाट प्लेस, नई दिल्ली-110001 फैक्स सं. 23412545.
10. कार्यकारी निदेशक (सी.एम.जी.), पावर ग्रिड कारपोरेशन आफ इंडिया लि. 'सौदामनी प्लाट नं. 2, सैक्टर 29, गुडराव-122001. फैक्स नं. 0124-2571935.
11. कार्यकारी निदेशक (सी.एम.जी.), पावर ग्रिड कारपोरेशन आफ इंडिया लि. क्षेत्रीय मुख्यालय(ई.आर.टी.एस-1), पांचवा व छठा तल, अलका प्लेस, चौरिंग रोड, पटना-800001, बिहार. फैक्स नं. 0612-2233512.
12. श्री आर.के. कसलीवाल, मुख्य अभियन्ता, (एम.पी.पी.) राजस्थान राज्य विद्युत प्रसारण निगम लि., जयपुर,
13. एम.के. बेनी माज निदेशक (योजना) रेल मंत्रालय, 258, रेल भवन, नई दिल्ली. फैक्स सं. 011-23392153
14. एम.एस.ए. सिंह, डी.जी.एम. प्रगति पावर स्टेशन, प्रगति पावर कारपोरेशन लि. हिमादरी राजघाट पावर हाउस कामप्लेक्स नं. दिल्ली 110002. फैक्स नं. 23275039.
15. श्री सुकृष्ण डोगरे, झारखंड इंटीग्रेटेड पावर लि., धिरुभाई अम्बानी नालेज सिटी, आई ब्लाक, प्रथम तल, मार्थ दिंग, थाने वेनापुर रोड ओपरखैराने, नवी मुम्बई-400710 फैक्स नं. 022 30386899
16. मुख्य अभियन्ता (एम.पी.एड.पी.ए) के.वि.प्राधिकरण, नई दिल्ली

संलग्न सूचनाएं:-

1. सचिव(विद्युत) विद्युत मंत्रालय, श्रम शक्ति भवन, नई दिल्ली.
2. प्रधान, के.वि.प्रा.
3. अध्यक्ष (तापीय), के.वि.प्रा.

5/4

**Ministry of Power**  
**Central Electricity Authority**  
**TPI Division, 9<sup>th</sup> Floor, Sewa Bhavan (S),**  
**R.K.Puram New Delhi - 110066**

No.230/Tilaiya-JMC/JH/CEA/2009 25-45

Dated: 01-Jan-10

**Subject: Minutes of First meeting of the Joint Monitoring Committee to Monitor the Progress of Tilaiya Ultra Mega Power Project (6x660 MW).**

A copy of the Minutes of First meeting of the Joint Monitoring Committee to Monitor the Progress of Tilaiya Ultra Mega Power Project (6x660 MW) held on 07.12.09 in CEA is enclosed for reference please.



(M. S. Puri)

**Chief Engineer and  
Member Secretary of JMC,  
Telefax – 011- 26106169**

Copy to:

- (i) Principal Secretary (Energy), Energy Deptt., Govt. of Bihar, patna-800 008. Fax No. 0612-2232852
- (ii) Principal Secretary (Energy), Energy Deptt. Govt. of Uttar Pradesh, 201, 2<sup>nd</sup> Floor, Babu Bhavan, Lcknow – 226 001 Fax.No- 0522-2237922
- (iii) Principal Secretary (Energy), Energy Deptt., Govt. of Maharashtra, 4<sup>th</sup> Floor, Room No.401, Mantralaya Mumbai – 400 032 Fax No.022-22820464.
- (iv) Principal Secretary (Energy), Energy Deptt, Govt. of Gujarat. , Sachivayalay, Block No.5, Gandhinagar 382 010 Fax. No- 079-23250797
- (v) Secretary(Energy), Govt.of Jharkhand, Nepal House, Ranchi, Fax No.0651-2491002
- (vi) Scretary (Power), Govt. of Punjab, Sector-9. Mini Secretariat, Chandigarh – 160 001 Fax No.0172-2741554
- (vii) Managing Director, MP Power Trading Co. Ltd. Shakti Bhavan, Vidyut Nagar, Jabalpur – 482008, Mo. 09425324234, (FAX No.0761-2664749)
- (viii) Managing Director, Uttar Haryana Bijli Vitran Nigam Ltd.Panchkula.Haryana.
- (ix) Executive Director (Planning), Ministry of Railways, 258, Rail Bhavan, New Delhi. Fax No.011-23383354
- (x) Shri A.Chakravarti, ED(CLG), Power Finance Corporation Ltd., Urjanidhi, 1, Barakhamba Lane, Connaught Place, New Delhi – 110 001 Fax No.23412545.
- (xi) Executive Director (CMG), Power Grid Corporation of India Ltd."Saudamni",Plot No.-2,Sector-29.Gurgaon-122001(Haryana);Fax No.0124-2571935,Ph.No.2571934
- (xii) Executive Director(ER),Power Grid Corporation of India Ltd,Regional Head Quarter (ERTS-I),5<sup>th</sup> & 6<sup>th</sup> Floor,Alankar Place,Boring Road,Patna-800001(Bihar) Fax No.0612-2233512,Ph.No.2230440
- (xiii) Shri R.K.Kasliwal,Chief Engineer(NPP),Rajashthan Rajya Vidyut Prasaran Nigam Ltd.Jaipur
- (xiv) Shri S.P.Singh, DGM, Pragati Power Station, Pragati Power Corporation Ltd."HIMADRI"Rajghat Power House Complex, New Delhi – 110 002. Ph. No.011-23275056,Fax.No.23275039.
- (xv) C.E.O. Jharkhand Integrated Power Ltd. Dhirubhai Ambani Knowledge City, I Block, 2nd Floor, North Wing, Thane Belapur Road, Koparkhairane, Navi Mumbai- 400710.
- (xvi) Chief Engineer (SP&PA), CEA

Copy for information to: -

1. Secretary (Power), Ministry of Power, Shram Shakti Bhawan, New Delhi
2. Chairperson, CEA
3. Member (Thermal), CEA

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Record Notes of Discussion during the First Meeting of Joint Monitoring Committee for Tilaiya Ultra Mega Power Project (UMPP) held on 7<sup>th</sup> December 2009 in CEA

List of participants is enclosed.

Member (Thermal), CEA and Chairman of the Joint Monitoring Committee welcomed all the participants for the first Joint Monitoring Committee meeting for Tilaiya UMPP. He informed that Tilaiya UMPP is the fourth UMPP which has been transferred to the developer. Giving status of other UMPPs, he stated that even though there was initial delay in acquisition of land for Sasan UMPP, work has now started at site. Mundra UMPP is also under construction and as per the present progress of work, two units of Mundra UMPP and one unit of Sasan UMPP are likely to be commissioned in 11<sup>th</sup> Plan. In case of Krishnaptnam UMPP, he mentioned that substantial portion of land has been acquired and the order has been placed for main plant and equipment. He stressed the need for early start of work of Tilaiya UMPP and mentioned that the active support of the State Govt. would be essential for expediting land acquisition. He further stated that the developer will need to tie-up with railways for early completion of rail route. He then requested the JIPL to make presentation on the development of the project.

2. M/s JIPL in their presentation gave the following information.

(i) **Land Acquisition**

**Main Plant**

M/s JIPL informed that project comprises of 1405 acres of Main plant land. Advance possession of entire 186 acres of main plant private land is over and remaining 1219 acres of land is forest land. First stage forest clearance for forest land is pending; Forest Advisory Committee (FAC) had considered the same in the meeting held on 20<sup>th</sup> July 2009. M/s JIPL further informed that a sub-committee has been formed by Ministry of Environment & Forests which will visit the project site and furnish their report to the Ministry. JIPL was requested to follow up and get the clearance expedited. To a specific query by the Member (Thermal), M/s JIPL informed that although the area is notified as forest but it is a degraded forest consisting of only bushes.

**Ash Pond**

Ash pond comprises of 690 acres of Government land and 290 acres of private land. JIPL has taken the advance possession of 68 acres of private land. Survey of Govt. land is in process which needs to be expedited.

**Ash & Water Corridors**

Project comprises of 3.3 acres of ash corridor land and 27.4 acres of water corridor land. Survey for government land is in progress. Section 4 notification for 1.4 acres of ash corridor land has been issued.

**(ii) Coal Blocks**

JIPL has received the geological reserve report on 3<sup>rd</sup> December 2009 from CMPDI for Kerendhari B&C captive coal blocks. Preparation of mining plan is in progress and is expected to be ready by January 2010. After preparation of the mining plan, exact land requirement for coal mines would be known. Application for TOR shall be made after the mine plan is ready i.e. by January 2010.

JIPL is planning to appoint the consultants for EIA/EMP report. Consultants are also being identified for Topographical survey and block boundary demarcation.

**(iii) R&R issues**

JIPL informed that there are hardly any persons residing on the land identified for the power plant. There are about 1200 families whose land is to be acquired. However, there are about 17,000 persons in coal block area which need to be rehabilitated. Preparation of R & R plan for the same is being initiated. About 1000 acres of land will be required for rehabilitation of persons in coal blocks area.

**2.4 Rail Link/MGR**

JIPL informed that meeting was held with Railways regarding coal transportation options. Various alternatives are being studied and will be discussed the way forward with Indian Railways. Railway has planned for single line which can carry 25 to 30 trains per day and the project has been handed over for construction. After the lines are doubled, the lines can carry about 120 trains per day.

**2.5 Site Studies**

JIPL has chalked out detailed plan for carrying out site specific studies for main plant area. These studies are being initiated with a view to revalidate the results of studies conducted by the SPV of Power Finance Corporation. JIPL stated that getting early First Stage forest Clearance is critical to initiate many studies.

2.6 JIPL informed that the target dates of completion of various activities as per PPA are as follows:-

- (i) Handing over land to JIPL (Power Plant) : Feb, 2010
- (ii) Section- 9 notification (Coal mine area and coal transportation system):  
Feb, 2010
- (iii) Site Clearance from MOEF (Coal mines) :Feb, 2010
- (iv) Financial Closure and NTP to BTG contractor : Aug: 2010
- (v) COD of First Unit :May, 2015
- (vi) COD of Power Plant :May, 2017

- 3 PFC representative stated that survey of the Govt. land was already done. JIPL clarified that due to reduction in land requirement Govt. land is being resurveyed.
- 4 The representatives of PGCIL informed that they plan to have 765 kV single circuit line from Tilaiya to Gaya and 765 kV double circuit line from Gaya to Balia. PGCIL was requested to identify the land for substation, towers etc. and take necessary actions on land acquisition as well as forest clearance if any.
- 5 Principal Secretary (Energy), Government of Jharkhand stated that all necessary support to JIPL shall be provided for land acquisition, R&R and other issues. The process of land acquisition can be expedited after the assembly elections are over. Regarding site visit by sub-committee of MoEF, he agreed to facilitate the early site visit of the sub-committee to expedite the process of first stage forest clearance. He further stated that he will review the process of re-survey of government land in a meeting with JIPL's officials and suggest the least and quickest way forward towards accelerated possession of government land. He also proposed to have regular meetings with JIPL's officials to review the land acquisition status of the project. He stated that R&R and CSR activities will need to be worked out in greater details. It was decided that JIPL will present the details about R&R and CSR activities in the next JMC meeting.
- 6 Concluding the discussions, Member (Thermal) and Chairman of the JMC stated that JIPL need to firm up its coal transportation route and discuss and finalize the same with Indian railways to take up the matter forward on urgent basis. JIPL will need to give its consent to railways in case it intends to use their facilities. This is necessary so that they can plan and make necessary changes in their project already under construction. JIPL also needs to finalize with railways the operation of rolling stocks, its maintenance, share in capital expenditure, freight charges etc. He further stated that JIPL needs to take early action on following issues.
  - (i) Sourcing of start up and construction power. He suggested one option to have it from DVC Koderma project for which JIPL may discuss with DVC who had earlier agreed for the same and also decide about the agency who will construct the line upto the UMPP.
  - (ii) The rail link between Benadag to Piparadih and the project site has to be included in scope of Railways as a separate railway siding. The land requirement and related studies are to be carried out immediately.
  - (iii) JIPL may post adequate officials at site who may coordinate with state government on land, R & R and other issues.
  - (iv) JIPL may finalize water intake point and its route as well as ash corridor so that changes in land requirement if any could be incorporated in land acquisition process.

Meeting ended with a vote of thanks to the chair.



**Annexure****List of Participants**

Sl.No.	Name & Designation	Organization
1.	Sh. S.Sheshadri, Member(Thermal) Chairman	CEA
2.	Sh.N.N.Pandey, Principal Secretatry Co-Chairman	Govt. of Jharkhand
3.	Sh. P.H. Rana, M.D.	GSECL, Gujarat
4.	Sh. A.Chakravarti, ED(Projects)	PFC
5.	Sh. K.Chowdhary, C.E. (Gen.)	BSEB, Bihar
6.	Sh.Rajesh Mehta,CGM	MPPTC, Madhya Pradesh
7.	Sh. K.K.Agrawal	PGCIL
8.	Sh. Anil Jain, GM	PGCIL
9.	Sh. Prashant Sharma	PGCIL
10.	Sh.P.R.Pati	PGCIL
11.	Sh. R.P.Gupta,Director(Finance)	PWVNL, Uttar Pradesh
12.	Sh. Prashant Mehrotra,EE	UPPCL, Uttar Pradesh
13.	Sh. Atui Pasrija, Dy.GM	HPPC, Haryana
14.	Sh.S.P.Singh	IPGCL, Delhi
15.	Sh.Ashwani Kumar	RPL
16.	Sh.Mukund Donge	RPL
17.	Sh.Alok Shrivastav	RPL
18.	Sh.M.L.Gupta	RPL
19.	Sh.M.S.Puri,CE(TPI) Member Secretary	CEA
20.	Sh.S.K.Thakur,Director(TPI),	CEA
21.	Sh. R.Saha,Director	CEA
22.	Sh.A.K.Saha,Dy.Director	CEA
23.	Sh. Kamal sethy, Asstt. Director-I	CEA
24.	Sh. Shiv Charan Chirrolia, Asstt. Director-I	CEA

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Annexure 2  
2nd JMC


Ministry of Power  
Central Electricity Authority  
TPI Division, 9<sup>th</sup> Floor, Sewa Bhavan (S),  
R.K.Puram New Delhi - 110066

No.230/Tilaiya-JMC/JH/CEA/2009 11439-1456

Dated: 25-May-10

**Subject:** Record notes of discussions of **second** meeting of the Joint Monitoring Committee to Monitor the Progress of Tilaiya Ultra Mega Power Project (6x660 MW).

A copy of the Record notes of discussions of second meeting of the Joint Monitoring Committee to Monitor the Progress of Tilaiya Ultra Mega Power Project (6x660 MW) held on 11.5.2010 in CEA is enclosed.

  
(M. S. Puri)  
Chief Engineer and  
Member Secretary of JMC,  
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**Copy to:**

- (i) Shri N.N.Pandey, Principal Secretary (Energy), Govt. of Jharkhand, Nepal House, Ranchi,
- (ii) Shri R.P.Gupta, Director, Finance, Pashchimanchal Vidyut Vitran Nigam Ltd. Victoria Park, Meerut. Fax. No.0121-2666062.
- (iii) Chief Engineer (Generation), Bihar State Electricity Board, Vidyut Bhavan, Bailey Road, Patna-800001.
- (iv) Shri P.H.Rana, Managing Director, Gujarat State Electricity Corporation Ltd. Sardar Patel Vidhyut Bhavan, Race Course, Vadodara-07.
- (v) Managing Director, Maharashtra State Electricity Distribution Co. Ltd., Mahavittaran, Hongkong Bank Building, M.G. Road, Fort, Mumbai 400 001 Fax No. 022-22619699
- (vi) Chief Engineer, Thermal Design, Punjab State Electricity Board, The Mall, Patiala -147001
- (vii) Managing Director, MP Power Trading Co. Ltd. Shakti Bhavan, Vidyut Nagar, Jabalpur – 482008, Mo. 09425324234, (FAX No.0761-2664749)
- (viii) Managing Director, Uttar Haryana Bijli Vitran Nigam Ltd. Shakti Bhavan, Sec-6, Panchkula-134109.
- (ix) Shri K.Beji George, Director (Planning), Ministry of Railways, 258, Rail Bhavan, New Delhi.
- (x) Shri A.Chakravarti, ED(CLG), Power Finance Corporation Ltd., Urjanidhi, 1, Barakhamba Lane, Connaught Place, New Delhi – 110 001 Fax No.23412545.
- (xi) Executive Director (CMG), Power Grid Corporation of India Ltd. "Saudamni", Plot No.-2, Sector-29, Gurgaon-122001(Haryana); Fax No.0124-2571935, Ph.No.2571934
- (xii) Executive Director(ER), Power Grid Corporation of India Ltd, Regional Head Quarter (ERTS-I), 5th & 6th Floor, Alankar Place, Boring Road, Patna-800001(Bihar) Fax No.0612-2233512,
- (xiii) Shri R.K.Kasliwal, Chief Engineer(NPP), Rajasthan Rajya Vidyut Prasaran Nigam Ltd. Jaipur
- (xiv) Shri S.P.Singh, DGM, Pragati Power Station, Pragati Power Corporation Ltd. "HIMADRI" Rajghat Power House Complex, New Delhi – 110 002. Fax.No.23275039.
- (xv) Shri Mukund Dongre, Director. Jharkhand Integrated Power Ltd. Dhirubhai Ambani Knowledge City, I Block, 2nd Floor, North Wing, Thane Belapur Road, Koparkhairane, Navi Mumbai-400710.
- (xvi) Chief Engineer (SP&PA), CEA

Copy for information to: -

1. Secretary (Power), Ministry of Power, Shram Shakti Bhawan, New Delhi
2. Chairperson, CEA

Record Notes of Discussion during the 2<sup>nd</sup> Meeting of Joint Monitoring Committee for  
Tilaiya Ultra Mega Power Project (UMPP) held on 11 May 2010 in CEA

1. List of participants is enclosed.
2. Chairperson CEA welcomed the participants in the 2<sup>nd</sup> Joint Monitoring Committee meeting for Tilaiya UMPP. Chairperson pointed out that UMPPs are the flagship schemes of Min. of Power and as such, periodical review of the progress is essential. The present meeting is being held after a lapse of five months when the same should have been held in alternate month. He further stated that the progress is not satisfactory so far as land acquisition is concerned. He mentioned that as per the PPA, possession of the entire land for the power station and water intake system should have been handed over by Feb. 2010. He pointed out that Sasan and Mundra UMPP have preponed their commissioning schedules from those given in the PPA and Tilaiya UMPP should follow them by advancing the commissioning schedule. He expressed concern over the large population to be displaced for the captive coal block and requested JIPL to indicate the factual position about persons to be displaced. He further requested JIPL to indicate target date for financial closure and placement of order for main plant NTP and should meet these targets. He then requested JIPL to present the status of various activities of the project.
3. Jharkhand Integrated Power Limited (JIPL) gave a brief presentation on the status on various activities as follows:
  - 3.1 M/S JIPL started with highlights of progress made since 1<sup>st</sup> JMC held on 7 Dec 2009. The Committee was informed that 284 acres of ash pond land has been transferred to JIPL, First stage forest clearance has been received for main plant forest land, major site specific studies have commenced, application for mining lease has been submitted, discussions with financial institution are in progress, and in principal ECB approval from RBI has been received for raising US\$ 2 bn.
  - 3.2 **Land Acquisition:**
    - 3.2.1 **Main Plant:**

Out of 1405 acres of Main Plant land, advance possession of Private land (186 acres) has been completed and mutation process for land has been initiated. Stage I Forest Clearance for 1219 acres of forest land has been obtained in Feb 2010 and compliance to the conditions is in progress. The demand note from DFO to deposit the money has been received. There are about 17 conditions and compliance for the same shall be completed by May 2010. They indicated that the final forest clearance is expected by July 2010.

M/s JIPL informed that many site specific studies cannot be initiated unless project achieves final forest clearance. Member Secretary stated that since Stage-I forest clearance has been received, JIPL may approach the State Govt. to obtain permission to start the site specific studies. M/s JIPL stated that they have already started some of the studies with the help of State Govt. The committee requested the representative of

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the State Govt. to facilitate JIPL in obtaining necessary permission. Govt. of Jharkhand representative promised to provide all possible support to JIPL in this regard. M/s JIPL intimated that progress on possession of Govt. land (167 acres) has been slow and is currently pending at district head quarters which needs to be expedited.

### 3.2.2 Ash Pond

Out of total 972 acres of land, JIPL has taken over the advance possession of 284 acres of private land. Survey for the Govt. land is in progress. JIPL informed that there has been substantial encroachment on the government land. District Administration is carrying out survey to ascertain the extent of encroachment.

### 3.2.3 Ash & Water Corridor

Project comprises of 4 acres of ash corridor land and 28 acres of water corridor land. It was informed by JIPL that land would be acquired after finalization of alignment. Chairperson observed that JIPL was requested in the first JMC meeting to finalise the water intake point and its route as well as the route for ash pipeline. He requested JIPL to expedite the same.

### 3.3 Coal Blocks:

JIPL informed that Mining Lease Application has been submitted and Mining plan is being finalized which is expected to be ready by May 2010 and JIPL further informed that the application to MoEF for ToR approval has been submitted and Topographical Survey was in progress in coal block area. JIPL informed that about 1000 acres of land has been identified for Rehabilitation of the people in coal block area. Regarding land for coal block, JIPL stated that total land for coal block is about 6,358 acres for which land use survey was in progress. JIPL informed that PFC had submitted the application for land acquisition in February 2009 but the survey work has recently been commenced by the State Govt. Problem is being faced in establishing ownership due to lost or damaged records. Displacement of about 17000 People have been estimated based on rough assessment, the exact figure will be known once the socio economic studies are completed by JIPL. The committee requested JIPL to present in the next meeting the R&R issues in more details and also the photographs of the coal block area.

### 3.4 MGR:

JIPL informed that discussions with Indian Railways for coal transportation are in progress. JIPL requested Indian Railways to provide broad commercial terms and contractual structure of the proposed agreement. Representative of Ministry of Railways pointed out that a meeting was held with JIPL representatives long back when the complete scheme was explained to them. However, no final decision has been communicated by JIPL. He further informed that the terms and conditions of the work to be carried out by Railways were already explained to the representative of JIPL. It was also brought out by him that design of rail system is in final stages and unless a confirmation is received from JIPL, it would be difficult to accommodate second line at a later stage.

JIPL informed that they are carrying out a study to finalize the route for connecting the power plant with Railway network as well as for connecting the coal block to Railway

network and will communicate the final decision to Railways after the studies are completed.

Chairperson CEA observed that studies being carried out by JIPL have no bearing on the decision whether to go in for a second rail line with Railways or not. It would be prudent if JIPL takes a quick decision preferably by May 2010 and communicate the same to Railways. Doubts if any can be sorted out through discussions with Railways.

On a query regarding status of land acquisition for the rail corridor, representative of Indian Railways informed that it is in early stages and that the construction work is yet to be started.

**3.5 R&R and CSR activities:**

JIPL informed that preparation of R&R plan for power plant is in progress. JIPL is organizing medical camps in several villages and has received a positive response from villagers. JIPL has appointed dedicated team to carry out CSR activities. To a query by Chief Engineer CEA, JIPL informed that the villagers requirements will be assessed and R&R Plan will be prepared accordingly and implemented as per the policy of the State Govt. Chairperson, CEA stated that JIPL must built one ITI and should train the local people to improve their skills and offer them opportunities for employment.

**3.6 Project Financing:**

M/S JIPL informed that RBI has given In-Principle clearance for raising USD 2 bn ECB. Discussions with banks and Financial Institutions have been initiated for raising debt.

4.0 Representative of PGCIL informed that the copies of Indemnification Agreement (IA) have been sent to all stake holders and requested to expedite the signing of the same. PGCIL agreed to submit a copy of the IA alongwith a copy of the letter sent to the stakeholders to CEA for information and follow up.

5.0 Representative of Ministry of Power brought out that JIPL should expedite compliance of conditions of Stage I forest clearance so that final forest clearance can be pursued. So far as site related studies are concerned, the same can be conducted with the permissions of the state government.

6.0 Concluding the discussions, Chairperson CEA requested JIPL to take all possible actions to expedite the land acquisition process, fianlise the coal transportation system and confirm the same to Railways. He requested them to finalise the mining plan and submit the same to Ministry of Coal, complete the compliances to the conditions of first stage forest clearance and to finalise a R&R plan for coal mine and power plant land in a time bound manner.

He also requested the representative of Govt. of Jharkhand to facilitate the land acquisition and to provide all possible support to JIPL in finalizing the R&R Plan.

Meeting ended with vote of thanks to chair.

AnnexureList of Participants:

Sl.No.	Name & Designation	Organization
1.	Sh. Gurdial Singh, Chairperson	C.E.A
2.	Sh. M.S.Puri, CE	C.E.A
3.	Sh. N. Madhusudan Rao	Ministry of Railways
4.	Sh. A.A,Tazir, Director	MOP
5.	Sh. P.R.Pati	Power Grid
6.	Sh. S.G.Metre	MSEDCL
7.	Sh. S.P.Singh,DGM	IPGCL
8.	Sh S.K.Thakur, Director	C.E.A
9.	Sh. Anil Jain G.M.(CMG)	Power Grid
10.	Sh. Anjani Kumar	Govt. of Jharkhand
11.	Sh. Rajiv Shekhar, GM, Land Acquisition	JIPL
12.	Sh. Alok Shrivastava	JIPL
13.	Sh Mukund, Dongre	JIPL
14.	Sh. M.L.Gupta	RPL
15.	Ms. Radha M.S.	RPL
16.	Sh. R.P.Chaudhary	BSEB
17.	Sh. C.P.Jain Asstt.Director	CEA
18.	Sh. Shivcharan Chhirolia Asstt.Director	CEA

Central Electricity Authority  
TPI Division, 9<sup>th</sup> Floor, Sewa Bhavan (S),  
R.K.Puram New Delhi - 110066

Annexure-3

3rd JMC

No.230/Tilaiya-JMC/JH/CEA/2009

443-43

Dated: 18 Oct-10

**Subject:** Record notes of discussions of 3<sup>rd</sup> meeting of the Joint Monitoring Committee to Monitor the Progress of Tilaiya Ultra Mega Power Project (6x660 MW).

A copy of the Record notes of discussions of third meeting of the Joint Monitoring Committee to Monitor the Progress of Tilaiya Ultra Mega Power Project (6x660 MW) held on 20.09.2010 in CEA is enclosed.

*WSP*

(M. S. Puri)

Chief Engineer and  
Member Secretary of JMC,  
Telefax - 011- 26106159

Copy to:

*S/C*  
*SKP*  
*12/10/2010*

- (i) Shri N.N.Pandey, Principal Secretary (Energy), Govt. of Jharkhand, Nepal House, Ranchi.
- (ii) Shri R.P.Gupta, Director, Finance, Pashchimanchal Vidyut Vitran Nigam Ltd. Victoria Park, Meerut. Fax. No.0121-2666062.
- (iii) Chief Engineer (Generation), Bihar State Electricity Board, Vidyut Bhavan, Bailey Road Patna-800001.
- (iv) Shri P.H.Rana, Managing Director, Gujarat State Electricity Corporation Ltd. Sardar Patel Vidhyut Bhavan, Race Course, Vadodara-07.
- (v) Managing Director, Maharashtra State Electricity Distribution Co. Ltd., Mahavitaran, Hongkong Bank Building, M.G. Road, Fort, Mumbai 400 001 Fax No. 022-22619699
- (vi) Chief Engineer, Thermal Design, Punjab State Electricity Board, The Mall, Patiala -147001
- (vii) Managing Director, MP Power Trading Co. Ltd. Shakti Bhavan, Vidyut Nagar, Jabalpur - 482008, Mo. 09425324234, (FAX No.0761-2664749)
- (viii) Managing Director, Uttar Haryana Bijli Vitran Nigam Ltd. Shakti Bhavan, Sec-6, Panchkula-134109.
- (ix) Shri K.Beji George, Director (Planning), Ministry of Railways, 258, Rail Bhavan, New Delhi.
- (x) Shri A.Chakravarti, ED(CLG), Power Finance Corporation Ltd., Urjanidhi, 1, Barakhamba Lane Connaught Place, New Delhi - 110 001 Fax No.23412545.
- (xi) Executive Director (CMG), Power Grid Corporation of India Ltd. "Saudamni", Plot No.-2, Sector-29, Gurgaon-122001(Haryana); Fax No.0124-2571935, Ph.No.2571934
- (xii) Executive Director(ER), Power Grid Corporation of India Ltd. Regional Head Quarter (ERTS-I), 5th & 6th Floor, Alankar Place, Boring Road, Patna-800001(Bihar) Fax No.0612-2233512.
- (xiii) Shri R.K.Kasliwal, Chief Engineer(NPP), Rajasthan Rajya Vidyut Prasaran Nigam Ltd. Jaipur
- (xiv) Shri S.P.Singh, DGM, Pragati Power Station, Pragati Power Corporation Ltd. "HIMADRI" Rajghat Power House Complex, New Delhi - 110 002. Fax.No.23275039.
- (xv) Shri Mukund Dongre, Director, Jharkhand Integrated Power Ltd. Dhirubhai Ambani Knowledge City, I Block, 2nd Floor, North Wing, Thane Belapur Road, Koparkhairane, Navi Mumbai-400710, Fax. NO - 26386999
- (xvi) Chief Engineer (SP&PA), CEA

Copy for information to: -

*Shri Shivcharan*

1. Chairperson, CEA
2. Joint Secretary (Thermal), Ministry of Power, Shram Shakti Bhawan, New Delhi

Record Notes of Discussion during the 3rd Meeting of Joint Monitoring Committee for Talaiya Ultra Mega Power Project (UMPP) held on 20<sup>th</sup> Sept. 2010 in CEA

1. List of participants enclosed as Annexure.
2. Member (E&C), CEA on behalf of Chairperson, CEA welcomed the participants to the 3<sup>rd</sup> Joint Monitoring Committee meeting for Talaiya UMPP. He informed about the engagement of Chairperson CEA in another meeting in Ministry of Power. He requested Chief Engineer (TPI) and Member Secretary of the JMC to give a brief on the issues discussed in the last meeting held on 4.5.2010.
3. Chief Engineer (TPI) stated that as per meeting the status of land acquisition given in the last JMC meeting and in the latest progress report dated 01.09.2010 received from the developer i.e. Jharkhand Integrated Power Ltd. (JIPL), handing over of forest land (1219 acres) and Govt. land (855 acres) was pending. As discussed in the last meeting the progress on handing over of Govt. land was slow. Further the developer was requested to discuss with Railways and communicate the decision about finalization of coal transportation arrangement and communicate the same to Railways. As per the progress report of the developer the coal transportation arrangement was yet to be finalized. The developer was also to indicate the R&R issues for the captive coal block in view of displacement of large population.
4. The issue of coal transportation arrangement was first discussed as the representative of Railways was to attend another meeting. Jharkhand Integrated Power Ltd. (JIPL) intimated that discussions were held with Railways and broad contractual terms have been discussed with them. They further intimated that parallel study by BARSYL was being finalized and evaluation of transportation arrangement was in final stage. Executive Director(Planning), Ministry of Railways informed that they have planned for only one rail track at present. The land has been acquired in 56 villages out of 59 villages. 80% of earth work has been completed and track laying of 10 km completed out of total track length of about 93.6 km. He mentioned that during discussions, JIPL wanted the second line exclusively for them and also wants rebate in rail freight which as per the policy of Railways cannot be agreed. He stated that acquisition of additional land will not be difficult for Railways. He further made it clear that:
  - i. JIPL can build a Captive MGR rail track on their own land dedicated to the project.
  - ii. If JIPL wants Railways to build one additional line parallel to line already under construction, it will not be a dedicated line to the project. Two lines will have flexibility in the sense that JIPL can use existing line also/or coal of JIPL can be transported through existing line in case of need. This way the total number of trains which can be handled will increase significantly.
  - iii. Freight rebate is not admissible as per the policy of Ministry of Railways.

Chairperson, CEA joined the meeting for a brief period. He pointed out that the issue of finalisation of coal transportation arrangement was discussed at length in the last JMC meeting and JIPL had stated that they will finalise their decision on the proposed arrangement by May, 2010. JIPL intimated that the study on various options was almost finalized and the report expected to be available by the end of Sept. 2010. Based on this report they will communicate their decision to Railways in about a month time. After discussions, it was agreed that JIPL will finalise the arrangement and will communicate its decision by 20<sup>th</sup> Oct., 2010 to Ministry of Railways.



5 Jharkhand Integrated Power Ltd. (JIPL) gave a brief presentation on the status of various other activities as follows:

- (A) **Plant Area:** JIPL indicated that out of 2407 acres of total land for plant area, for the 474 acres of private land possession certificates obtained and mutation in progress. Regarding Govt. land, JIPL stated that applications are pending with the Revenue Deptt. for 167 acres required for the main plant area. For the 688 acres of Govt. land required for ash dyke, JIPL stated that files for 145 acres are pending with Revenue Deptt. and remaining files with Distt. Administration. JIPL informed that there are encroachers on the Govt. land and Govt. of Jharkhand is yet to complete survey of the area. Govt. of Jharkhand was requested to look into the matter and expedite the handing over of Govt. land. Chief Electrical Engineer, Govt. of Jharkhand agreed to take up the matter with Revenue Deptt. Regarding forest land, JIPL stated that the conditions of stage -I clearance have been complied with and the proposal for final clearance has been processed by PCCF and forwarded to the Principal Secretary (Forest), Govt. of Jharkhand for sending to MOEF.
- (B) **Coal Mine Area:** JIPL informed that TOR has been approved and the EIA study was in progress. JIPL was requested to intimate the area of the land for coal block where early acquisition is required. M/s JIPL further informed that Mining Plan for 40 MTPA have been submitted to Ministry of Coal and the presentation already given by M/s JIPL to Ministry of Coal on 12.7.2010. JIPL further informed that R&R study for the coal block was in progress and is expected to be completed by Oct. 2010. They stated that the topographical survey of the area has been completed and survey of affected families was in progress.
- (C) **Technical Studies:**  
Giving status of various technical studies, JIPL stated that they could not start the geo-hydrogeological study as they can not drill boreholes till the final forest clearance is received. Member Secretary pointed out that this issue was earlier also discussed in the JMC and JIPL was requested to discuss with Secretary (E), GOJ for obtaining the permission from State Forest Deptt. for drilling. Representative of GOJ stated that this issue has not been brought out by JIPL in the review meetings with Principal Secretary(E). He agreed to look into this matter.
- (D) **Construction Power:**  
JIPL stated that DVC has not agreed to provide construction power due to nonavailability of power with them at Koderma. Govt. of Jharkhand representative stated that Barhi substation is very close to Tilaiya as compared to Koderma TPP of DVC and JIPL may approach JSEB for the construction power. He requested JIPL to discuss the matter with JSEB.

## 6.0 Power Evacuation

PGCIL informed that there are 9 beneficiaries and the Indemnification Agreement has been signed by all the procurers. PGCIL has planned the construction of transmission lines as per the commissioning schedule given in PPA.

7. Concluding the discussions, Member (E&C) stated that though there is ample time in commissioning of first unit which is planned in May 2015; one should not take the preliminary activities/studies lightly. He requested JIPL to make efforts to complete the preliminary activities/studies as per schedule. He further requested JIPL to finalise the coal transportation arrangement as discussed. He also requested Govt. of Jharkhand representative to facilitate early handing over of Govt. land for the power plant and resolving the issue of construction power, permission for geo-hydrological studies etc.

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

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List of Participants:

Sl.No.	Name & Designation	Organization
1.	Sh. Gurdial Singh, Chaiperson	C.E.A
2.	Dr. Jaipal Singh, Member (E&C)	C.E.A.
3.	Sh. M.S.Puri, Chief Engineer	C.E.A
4.	Sh. Ramesh Chadra Prasad, Chief Elect.Engineer.	Energy Deptt. Govt. of Jharkhand
5.	Sh. A. Chakravarti, E.D.	PFC
6.	Sh.N.Madhusudan Rao, E.D.	Ministry of Railways
7.	Sh.S.K. Thakur, Director, TP&I	C.E.A
8.	Sh.B.S.Pradhan, Sr. XEn.	PSPCL
9.	Sh. S.P. Singh. DGM	PPCL, New Delhi
10.	Sh.P.R. Pati	PGCIL
11.	Sh. Deepak R.Tulsi, Dy. Manager/ED Cell	PGCIL
12.	Sh. S.N.Sinha, R.E.	BSEB
13.	Sh. Mukund Dongre, Director	JIPL
14.	Sh. Alok Shrivastav	JIPL
15.	Sh. Satish Sinha	JIPL
16.	Ms. Radha M.S.	Reliance Power
17.	Sh. C.P. Jain	C.E.A.
18.	Sh. Shivcharan Chirrolia	C.E.A.

Annexure-4  
4<sup>th</sup> JMC

Central Electricity Authority  
TPI Division, 9<sup>th</sup> Floor, Sewa Bhavan (S),  
R.K.Puram New Delhi - 110066

No.230/Tilaiya-JMC/JH/CEA/2009

Dated: 15.3.2011

**Subject:** Record notes of discussions of 4<sup>th</sup> meeting of the Joint Monitoring Committee to Monitor the Progress of Tilaiya Ultra Mega Power Project (6x660 MW).

A copy of the Record notes of discussions of third meeting of the Joint Monitoring Committee to Monitor the Progress of Tilaiya Ultra Mega Power Project (6x660 MW) held on 18.2.2011 in CEA is enclosed.



(M. S. Puri)  
Chief Engineer &  
Member Secretary of JMC,  
Telefax – 011- 26106169

**Copy to:**

- (i) Shri N.N.Pandey, Principal Secretary (Energy), Govt.of Jharkhand, Nepal House, Ranchi,
- (ii) Shri R.P.Gupta, Director, Finance, Pashchimanchal Vidyut Vitran Nigam Ltd. Victoria Park, Meerut. Fax. No.0121-2666062.
- (iii) Dr. Jaipal Singh, Member (E&C), C.E.A, Sewa Bhawan, R.K.Puram, New Delhi
- (iv) Chief Engineer (Generation), Bihar State Electricity Board, Vidyut Bhavan, Bailey Road, Patna-800001.
- (v) Shri P.H.Rana, Managing Director, Gujarat State Electricity Corporation Ltd. Sardar Patel Vidhyut Bhavan, Race Course, Vadodara-07.
- (vi) Managing Director, Maharashtra State Electricity Distribution Co. Ltd., Mahavittaran, Hongkong Bank Building, M.G. Road, Fort, Mumbai 400 001 Fax No. 022-22619699
- (vii) Chief Engineer, Thermal Design, Punjab State Electricity Board, The Mall, Patiala - 147001
- (viii) Managing Director, MP Power Trading Co. Ltd. Shakti Bhavan, Vidyut Nagar, Jabalpur – 482008, Mo. 09425324234, (FAX No.0761-2664749)
- (ix) Managing Director, Uttar Haryana Bijli Vitran Nigam Ltd. Shakti Bhavan, Sec-6, Panchkula-134109.
- (x) Shri K.Beji George, Director (Planning), Ministry of Railways, 258, Rail Bhavan, New Delhi.

- (xi) Shri A.Chakravarti, ED(CLG), Power Finance Corporation Ltd., Urjanidhi, 1, Barakhamba Lane, Connaught Place, New Delhi – 110 001 Fax No.23412545.
- (xii) Executive Director (CMG), Power Grid Corporation Of India Ltd. "Saudamni", Plot No.-2, Sector-29, Gurgaon-122001(Haryana); Fax No.0124-2571935, Ph.No.2571934
- (xiii) Executive Director(ER),Power Grid Corporation of India Ltd,Regional Head Quarter (ERTS-I), 5th & 6th Floor,Alankar Place,Boring Road,Patna-800001(Bihar) Fax No.0612-2233512,
- (xiv) Shri R.K.Kasliwal, Chief Engineer(NPP), Rajashthan Rajya Vidyut Prasaran Nigam Ltd. Jaipur
- (xv) Shri S.P.Singh, DGM, Pragati Power Station, Pragati Power Corporation Ltd, "HIMADRI" Rajghat Power House Complex, New Delhi – 110002. Fax No. 23275039.
- (xvi) Shri Mukund Dongre, Director, Jharkhand Integrated Power Ltd. Dhirubhai Ambani Knowledge City, I Block, 2nd Floor, North Wing, Thane-Belapur Road, Koparkhairane, Navi Mumbai- 400710.
- (xvii) Chief Engineer (SP&PA), CEA

Copy for information to: -

1. Chairperson, CEA
2. Joint Secretary (Thermal), Ministry of Power, Shram Shakti Bhawan, New Delhi

**Record Notes of Discussion during the 4<sup>th</sup> Meeting of Joint Monitoring Committee for Tilaiya Ultra Mega Power Project (UMPP) held on 18<sup>th</sup> Feb., 2011 in CEA New Delhi**

List of participants is enclosed as **Annexure**

Chairperson, CEA welcomed all the participants. He mentioned that as per discussions during the last JMC meeting held on 20.09.2010, Jharkhand Integrated Power Ltd. (JIPL) was to expedite the preliminary activities/studies, and to finalize the coal transportation arrangement with railways, Govt. of Jharkhand was to facilitate early handing over of Govt. land for the power plant, JIPL was to discuss the matter with JSEB on the issue of providing construction power and JIPL was to intimate to the State Govt., the area of land for coal block where early acquisition is required. As per the status furnished by M/s JIPL for the month of January, handing over of forest land (1219 acres) and Govt. Land (855 acres) which is the major part of total land is still pending. The proposal given by JIPL (RPL) to Ministry of Railways was not in line with the stand clarified by Ministry of Railways during last JMC meeting held on 20.09.2010. He stressed that this issue has to be resolved with Railways at the earliest in order to ensure that the rail line for coal transportation is ready in time to match the commissioning schedule of power plant.

2. Jharkhand Integrated Power Ltd. (JIPL), thereafter, made a brief presentation on the progress of Tilaiya UMPP. The status indicated by them is below:

**2.1 Project update after 3<sup>rd</sup> JMC**

M/s JIPL informed that since the 3<sup>rd</sup> JMC meeting, Mutation for Pvt. Land in main plant area has been completed, Stage-II forest clearance for 1220 acres of main plant has been obtained and mining plan for Kerendari B&C coal blocks has been approved. Discussions are in progress with domestic and international banks for project financing, EPC contract has been executed with Reliance Infrastructure and BTG supply has been tied-up. M/s JIPL further informed that the R&R plan for the main plant area has been finalized and site enabling activities are to be initiated shortly.

**2.2 Land Acquisition:**

**2.2.1 Main Plant**

given Main Plant area consists of 186 acres of private land, 1220 acres of forest land and 167 acres of government land, which is overlapping with forest land. Mutation process for private land is complete and land has now been transferred in the name of JIPL. Final approval for diversion of 1220 acres of forest land has been accorded by MoEF in Nov, 2010 and the same is likely to be handed over shortly. Proposal for leasing of 167 acres of Govt. land is currently pending with state revenue department.

### **2.2.2 Ash Pond**

Ash pond area comprises of 688 acres of Government land and 284 acres of private land. M/s JIPL informed that they have received the possession certificate for entire 284 acres of private land. Mutation process is in progress. Proposal for leasing of 145 acres of Govt. land is currently pending with state revenue department. Proposal for 543 acres of government land is with district administration. It was reported that there is significant encroachment on government land and survey of occupiers is in progress.

### **2.2.3 Ash & Water Corridor**

Project comprises of 3.3 acres of ash corridor land and 26.8 acres of water corridor land. Alignment for the corridors has been finalized and land acquisition process is in progress.

### **2.3 Studies and Investigations**

JIPL stated that all major studies have been awarded and are in advanced stage of completion. The bathymetry study has been completed and the water intake point at the Tilaiya reservoir has been finalized. Further, Hydrological Assessment Report, & Structural Assessment Report for the Tilaiya dam has been completed. Flood Routing Report was also being finalized.

### **2.4 Construction Power:**

JIPL stated that construction power has been tied-up with JSEB.

### **2.5 Site activities**

Pillaring work is in progress in main plant area after which forest land will be handed over to JIPL.

### **2.6 Coal Mine Development**

JIPL stated that for Kerendari B&C, Mining Plan has been approved by Ministry of Coal (MoC) and ToR for EIA/EMP has been approved by MoEF. Mining lease application for coal block has been submitted. Discussions with OEMs have been initiated for procurement of mining equipment. All major studies in coal block area such as topographic survey, area drainage study. Socio-economic survey, EIA/EMP, wild-life conservation plan and detailed project report are in progress. The total land requirement for the coal block is 11115 acres which consist of 3877 acre of forest land. JIPL stated that land acquisition application was being submitted and the proposal for diversion of forest land was being finalized. JIPL further intimated that survey work for the R&R plan for coal block was in progress. Member Secretary requested JIPL to furnish a copy of mining plan as approved by Min. of Coal.

## **2.7 Project Financing**

RBI has given in Principle clearance for raising USD 2 billion ECB and discussions with domestic and overseas banks/FIs are in advanced stage.

## **2.8 EPC/BTG**

EPC contract has been executed with R Infra and BTG supply has been awarded to Shanghai Electric Corporation, China for 6x660 MW. JIPL was requested to give date of contract, details of the contractual schedule and the expected date of NTP.

## **2.9 R&R and CSR activities**

JIPL stated that final R&R plan has been prepared for main plant area. Socio economic survey for coal mine area is also in progress. M/s JIPL further informed that about 1000 acres of land would be required to settle the PAP's from the coal mine area and the same was under discussion with the Revenue Authority. M/s JIPL informed that it is carrying out medical camps in main plant and coal block area. A dedicated team for the CSR activities is stationed at the project site and regular consultations with villagers and community leaders are in progress.

## **3.0 Coal Transportation**

JIPL stated that they have completed the study for coal transportation system. It is proposed to construct a conveyer cum rail infrastructure from coal block to Nawadah station which is 7.1 Km from Hazaribagh (on Hazaribagh Koderma line). IR network is proposed to be utilized between Nawadah and Barhi station (52 Km). From Barhi, JIPL will create a rail infrastructure to transport the coal to Tilaiya UMPP. Reliance Power Limited has proposed to Railways to form a Joint Venture between JIPL and IR to construct second line between Nawada and Barhi along-side the rail line already under construction by Railways.

Member Secretary pointed out that the JV as proposed by Reliance Power Limited is not in line with the options given by the representative of Min. of Railway in the last JMC meeting. JIPL stated that Min. of Railways are expected to announce a new policy for rail connectivity and they are discussing the proposal with Railways and expect to finalize the arrangement very shortly. Chairperson,CEA stated that JIPL needs to discuss and finalize the matter with Railways immediately.

## **4.0 Power Transmission**

PGCIL informed that 765 kV D/c line has been envisaged between Tilaiya UMPP and Gaya, whereas 765 S/c line has been envisaged between Tilaiya UMPP and Balia and Tilaiya UMPP and Sasaram. PGCIL further informed that they intend to float NIT in November 2011 and plan to award the contract in June 2012. PGCIL informed that while they have signed the Bulk Power Transmission



Agreement (BPTA) with procurers from Delhi, Punjab, Rajasthan and Gujarat, signing of agreement with procurers from Haryana and Madhya Pradesh is in advance stage. PGCIL further intimated that procurers from Bihar, Jharkhand, UP and Maharashtra are also yet to sign BPTA. Chairperson, CEA requested PGCIL to pursue the matter with the procurers for expediting the signing of BPTA.

**5.0** Principal Secretary (Energy), Govt. of Jharkhand informed that the proposal for handing over Govt. land in main plant area is in advanced stage and the same is likely to be handed over shortly. Regarding Govt. land for ash pond and other areas, he stated that the matter of handing over the land shall also be expedited.

**6.0** Concluding the discussions, Chairperson CEA stressed the need for JIPL to finalize the coal transportation arrangement with Railways at the earliest and to finalize the R&R plan for the coal block. He also requested them to furnish the contractual schedule as per BTG award, activity-wise schedule upto commissioning with PERT Chart. He requested Principal Secretary (Energy), Govt. of Jharkhand to facilitate early handing over of Govt. land for the power plant.

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

Annexure

List of Participants: Tilaiya

Sl.No.	Name & Designation	Organization
1.	Sh. Gurdial Singh, Chaiperson	C.E.A
2.	Sh N.N.Pandey, Principal Secretary (Energy)	Govt. of Jharkhand
3.	Sh. M.S.Puri, Chief Engineer	C.E.A
4.	Sh .Balvinder Singh, Director(TP&I)	C.E.A
5.	Sh.S.K. Thakur, Director(TP&I)	C.E.A
6.	Sh.R.K.Sethi, Director(TP&I)	C.E.A
7.	Sh.P.H.Rana, Managing Director	Gujarat State Electricity Cooperation Ltd
8.	Sh. R.P.Gupta, Director(Finance)	Pashchimanchal Vidyut Vitran Nigam Ltd,U.P.
9.	Sh. S.N.Sinha, Resident Engineer	BSEB
10.	Sh. S.S.Gupta, Chief Engineer(NPP&R)	RRVPM,Jaipur
11.	Sh. Ashok Pal, DGM	PGCIL
12.	Sh. Alok Shrivastav,Asstt. Vice President	JIPL
13.	Sh. Balasubramaniam,Head Business Development	JIPL
14.	Sh.Ashwani kumar, Director SPL	Reliance Power
15.	Sh. M.L.Gupta,Vice President	Reliance Power
16.	Sh. V.K.Roy, Consultant	Reliance Power
17.	Sh. Shivcharan Chhirrolia, A.D-I	C.E.A.

(6)

Annexure-5 / L

5<sup>th</sup> JMC

Central Electricity Authority  
TPI Division, 9<sup>th</sup> Floor, Sewa Bhavan (S),  
R.K.Puram New Delhi - 110066

No.230/Tilaiya-JMC/JH/CEA/2009 / 1836-1854

Dated: 13.6.2011

**Subject:** Record notes of discussions of 5<sup>th</sup> meeting of the Joint Monitoring Committee to monitor the progress of Tilaiya Ultra Mega Power Project (6x660 MW).

A copy of the Record notes of discussions of 5<sup>th</sup> meeting of the Joint Monitoring Committee to monitor the progress of Tilaiya Ultra Mega Power Project (6x660 MW) held on 10.6.2011 in CEA is enclosed.



(M. S. Puri)  
Chief Engineer &  
Member Secretary of JMC,  
Tele-fax – 011- 26106169

**To:**

- (i) Shri S.K.Satpathy, Principal Secretary (Energy), Govt.of Jharkhand, Nepal House, Ranchi, Fax No.0651-2491002
- (ii) Dr. Jaipal Singh, Member (E&C), CEA
- (iii) Shri R.P.Gupta, Director, Finance, Pashchimanchal Vidyut Vitran Nigam Ltd. Victoria Park, Meerut. Fax No.0121-2666062
- (iv) Chief Engineer (Generation), Bihar State Electricity Board, Vidyut Bhavan, Bailey Road, Patna-800001.Fax.No.0612-2504534
- (v) Shri P.H.Rana,Managing Director,Gujarat State Electricity Corporation Ltd.Sardar Patel Vidhyut Bhavan,Race Course,Vadodara-07.
- (vi) Managing Director, Maharashtra State Electricity Distribution Co. Ltd., Mahavittaran, Hongkong Bank Building, M.G. Road, Fort, Mumbai 400 001 Fax No. 022-22619699
- (vii) Chief Engineer, Thermal Design, Punjab State Electricity Board, the Mall, Patiala –147001.Fax.No.0175-2212867, Ph.No.0175-2213038
- (viii) Managing Director, MP Power Trading Co. Ltd. Shakti Bhavan, Vidyut Nagar, Jabalpur – 482008, Mo. 09425324234, (FAX No.0761-2664749)
- (ix) Managing Director, Uttar Haryana Bijli Vitran Nigam Ltd. Shakti Bhavan, Sec-6, Panchkula-134109.
- (x) Shri K.Beji George, Director (Planning), Ministry of Railways, 258, Rail Bhavan, New Delhi. Fax.No. 011-23383354 ,23383720
- (xi) Shri A.Chakravarti, ED(CLG), Power Finance Corporation Ltd., Urjanidhi, 1, Barakhamba Lane, Connaught Place, New Delhi – 110 001 Fax No.23412545.
- (xii) Executive Director (CMG), Power Grid Corporation of India Ltd. "Saudamni", Plot No.-2, Sector-29, Gurgaon-122001(Haryana); Fax No.0124-2571935, Ph.No.2571934

Record Notes of Discussion during the 5<sup>th</sup> Meeting of Joint Monitoring Committee for Tilaiya Ultra Mega Power Project (UMPP) held on 24.5.2011 in CEA New Delhi

List of participants is enclosed as Annexure.

Chairperson CEA welcomed all the participants. He stated that as per discussions during the last JMC meeting, Jharkhand Integrated Power Ltd. (JIPL) was to finalise the coal transportation arrangement with railways. Govt. of Jharkhand was to facilitate early handing over of Govt. land for main plant and JIPL was to intimate to the State Govt., the area of land for coal block where early acquisition is required. He further observed that as per latest status report furnished by JIPL, issue of coal transportation arrangement was yet to be finalized and it is pending for more than last one year. He stressed that this issue has to be resolved with the Railways at the earliest to ensure that the railway line for coal transportation is ready in time to match with the commissioning schedule of power plant. He further stated that JIPL was also to finalize the R&R plan for the coal block and was also requested to furnish contractual schedule as per BTG award and activity-wise schedule up to commissioning along-with PERTCHART.

2. Jharkhand Integrated Power Ltd.(JIPL) thereafter made a brief presentation on the progress of Tilaiya UMPP. The status indicated by them is given below:

**2.1 Project update after 4<sup>th</sup> JMC**

M/s JIPL informed that the progress made since last JMC meeting is as follows:

- i) Permission has been received from State Forest Dept for forest land in plant area.
- ii) Application for revenue land in Coal mine area has been submitted & Forest Diversion proposal for coal block area also submitted.
- iii) R&R plan for the main plant area has been finalized and main plant boundary demarcation has been completed.
- iv) Site enabling facilities initiated and discussions with oversea and domestic FLs are in progress.

## 2.2 Land Acquisition:

M/s JIPL intimated the status of land acquisition are as follows:

### **Main Plant & Township:**

Private Land: Mutation completed for 182 acres of land. For balance 4 acres of private land, mutation is in progress.

Forest land: Final order for handover of 1220 acres forest land released by State Forest Deptt. in April 2011, the same is being processed for handover by Divisional Forest Office.

Govt. land: Proposal for 167 acres of government land, which is overlapping with forest land is pending at state revenue deptt. since Dec 2010.

### **Ash Pond/Dyke area:**

Private Land: For 284 acres possession certificates obtained. Mutation is in progress.

Govt. land: Proposal at state revenue department for 145 acres. Validation of occupiers' claim on remaining land (543 acres) is in progress at district administration level.

### **Ash & Water Corridor**

Alignment finalized; land acquisition in progress.

Out of 3.3 acres of **ash corridor** land, private land is 1.5 acres in which section 4 is to be issued. Govt. land is 1.3 acres and the proposal is pending at Circle Office Forest land is 0.5 acres and the final order for handover of land has been released by State Forest Deptt in April'2011 Out of 26.8 acres of **water corridor land**, private land is 2.6 acres for which Section 4&6 has been completed. Proposal is pending at district office since Dec.2010. Govt. land is 9.7 acres and the proposal is pending at Circle office. Forest land is 14.5 acres and the proposal for forest diversion is being submitted

## 2.3 Studies and Investigations

**Geo-hydrological study:-** JIPL informed that interim report has been received. They also mentioned that study is to be validated through commissioning of bore-wells and confirmation of yield.

**Topographic study:** JIPL stated that pillaring work has been completed for the main plant area.

**Seismic Study:** The seismic study is completed and the final report has been received,

**Area drainage Study:** The survey on Barkar River has been completed. The balance survey at plant site and Ash Dyke area is in progress.

**Soil Investigation:** Consultant was appointed for investigation and the study is in progress.

**2.4 Water intake Arrangement:**

JIPL stated that the Water intake Point has been finalized which is about 4.2 km from power plant.

**2.5 Progress at site:**

JIPL stated that pillaring of project boundary has been completed. Consent for construction power was obtained from JSEB.

**2.6 EPC/BTG**

JIPL informed that EPC contract finalized with Reliance Infra and BTG tied up with Sanghai Electric Corporation. On a query by CEA, JIPL intimated that no advance has so far been paid to BTG supplier – Shanghai Electric Corporation, China towards placement of order and NTP is also not yet issued. JIPL indicated that they were waiting for completion of land acquisition for main plant after which they will give advance to BTG supplier and issue NTP to BTG supplier. CEA requested JIPL to furnish schedule of supplies from the date of NTP/payment of advance as tied up with the BTG supplier.

**2.7 Coal Mine Development / Activities**

JIPL stated that the application for land acquisition for private land (5531 acres) has been submitted and Section 4 is to be issued. Land acquisition application for Govt. Land (1094 acres) submitted, which is currently pending at District office. Proposal for Forest Diversion (4495 acres) submitted and is currently with Nodal Office.

Mining Plan has been approved by Ministry of Coal (MoC). Terms of Reference (ToR) for EIA/EMP have also been approved by MoEF. Mining lease application has been submitted and the proposal is in process at Deptt. of Mines and Geology, Jharkhand. Discussions with OEMs for procurement of mining machinery are in progress.

## **2.8 Project Financing**

RBI has given in-principle ECB approval for US\$ 2 billion. Project information Memorandum is being finalized. Discussions with Domestic and International Banks/FIs are in advanced stage. Escrow study is in progress to assess revenue realization.

## **2.9 R&R and CSR activities**

### **R&R Power Plant:**

JIPL informed that 764 families will be losing agricultural land in respect of power plant. R&R survey is completed and R&R plan is being submitted to district administration. Medical camps and other CSR initiatives is in progress. CSR plan finalized based on need assessment analysis.

## **2.10 R&R Coal Block:**

JIPL informed that 20 villages fall in Kerendari and Barkagaon block of Hazaribah resulting in displacement of 7000 families. Socio-economic survey has been completed and the Report is being prepared. JIPL further informed that CSR initiatives and regular meetings with villagers and community leaders is in progress. NGOs are trying to identify the ways to provide support for livelihood generation, for which discussions are in progress. JIPL stated that 1000 acres of land has been identified for resettlement of project displaced families.

## **3.0 Coal Transportation**

Member Secretary pointed out that in the meeting taken by JS (Thermal), MoP on 8.3.2011, JIPL had indicated that they had decided to tie up with the Indian Railways for Coal Transportation and had agreed to approach Ministry of Railways within a fortnight with a fresh proposal within the policy of the Indian Railways. JIPL stated that they are evaluating several options to arrive at the most techno economic option in line with R2CI policy of Railways. Chairperson, CEA stressed that finalization of coal transportation arrangement has already been delayed too much and need to be finalized without further delay. JIPL stated that they will approach Railways within next fortnight. Executive Director (Planning), Ministry of Railways agreed to consider the proposal of JIPL expeditiously after

its submission. Member Secretary requested Railway representative to clearly inform JIPL in case their proposal is not in line with their policy.

- 4.0 JIPL requested for early transfer of Govt. land for main plant and ash dyke area.. They mentioned that state government is to take a decision regarding compensation to be paid to the people who had encroached upon the Govt. land. JIPL further informed that they have suggested Govt. of Jharkhand to form a Committee on lines of Koderma TPP to settle the issue of compensation to be paid. Govt of Jharkhand representative stated that Chief Secretary had recently reviewed the status of land acquisition and had directed the district administration to survey the area and process the case expeditiously.
- 5.0 JIPL stated that MoEF has revised the procedure for grant of Environmental Clearance for projects involving forest land. As per the new procedure, requisite stage-I forest clearance to be obtained first before submitting the proposal for Environmental Clearance JIPL further stated that new procedure is likely to delay accord of environment clearance to the coal mine project and requested JMC to take up the matter with MoP and MoEF. Chairperson, CEA stated that the issue has already been taken up by CEA with MoP
- 6.0 PGCIL informed that signing of indemnification agreement was pending with the states of Haryana, Maharashtra and Jharkhand. Proposal with these states was expected to be finalized within next 15 days after which the agreement will be signed
- 7.0 Concluding the discussions, Chairperson CEA stressed the need for JIPL to finalize the coal transportation arrangement with Railways at the earliest and to finalize the R&R plan for the coal block. He also requested them to furnish to CEA and the procurers the schedule of supplies and erection activities as tied with BTG supplier. JIPL was also advised to finalise the contract with main plant supplier and issue NTP to them at the earliest. He also requested representative of Govt. of Jharkhand to facilitate early handing over of Govt. land for the power plant.

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



Annexure

List of Participants: Tilaiya

Sl.No.	Name & Designation	Organization
1.	Sh. Gurdial Singh, Chairperson	C.E.A
2.	Dr. Jaipal Singh, Member (E&C)	C.E.A
3.	Sh Ramesh Chandra Prasad, Chief Engineer	Energy Deptt. Govt. of Jharkhand, Ranchi
4.	Sh. M.S. Puri, Chief Engineer(TP&I)	C.E.A
5.	Sh. Devendra Singh, Exe. Director/Plg.	Ministry of Railways
6.	Sh. A.S. Chavan, CE(PP)	MSEDCL
7.	Sh. S.S. Gupta, Chief Engineer(NPP&R)	RRVPN, Jaipur
8.	Sh .Balvinder Singh, Director(TP&I)	C.E.A
9.	Sh.S. K. Thakur, Director(TP&I)	C.E.A
10.	Sh.R. K. Sethi, Director(TP&I)	C.E.A
11.	Sh. S.N. Sinha, Resident Engineer	BSEB
12.	Sh. R. Nagpal, DGM	PGCIL
13.	Sh. Alok Shrivastav, Asstt. Vice President	JIPL
14.	Sh. Balasubramaniam, Head Business Development	JIPL
15.	Sh. M.L. Gupta, Vice President	Reliance Power Ltd.
16.	Sh. Shivcharan Chhirrolia, Dy. Director(TP&I)	C.E.A.

7

Annexure-6  
8th chh, noka  
6<sup>th</sup> JMC



केन्द्रीय विद्युत प्राधिकरण  
Central Electricity Authority  
तापीय आयोजना एवं अन्वेषण प्रभाग  
TP&I DIVISION



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(आई.एस.ओ 9001:2000 प्रमाणित)

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

No.230/Tilaiya-JMC/JH/CEA/2009 | 3203-23

Dated: 05.10.2011

**Subject:** Record notes of discussions of 6<sup>th</sup> meeting of the Joint Monitoring Committee to monitor the progress of Tilaiya Ultra Mega Power Project (6x660 MW).

A copy of the Record notes of discussions of 6<sup>th</sup> meeting of the Joint Monitoring Committee to monitor the progress of Tilaiya Ultra Mega Power Project (6x660 MW) held on 20.9.2011 in CEA is enclosed.

*M. S. Puri*

(M. S. Puri)  
Chief Engineer &  
Member Secretary of JMC  
Tele-fax - 011- 26106169

To:

- (i) Shri V. K. Singh, Secretary (Energy), Govt. of Jharkhand, Nepal House, Ranchi, Fax No.0651-2491002
- (ii) Dr. Jaipal Singh, Member (E&C), CEA
- (iii) Shri R. P. Gupta, Director, Finance, Pashchimanchal Vidyut Vitran Nigam Ltd. Victoria Park, Meerut. Fax No.0121-2666062
- (iv) Chief Engineer (Generation), Bihar State Electricity Board, Vidyut Bhavan, Bailey Road, Patna-800001. Fax.No.0612-2504534
- (v) Shri P. H. Rana, Managing Director, Gujarat State Electricity Corporation Ltd. Sardar Patel Vidhyut Bhavan, Race Course, Vadodara-07.
- (vi) Managing Director, Maharashtra State Electricity Distribution Co. Ltd., Mahavittaran, Hong Kong Bank Building, M.G. Road, Fort, Mumbai 400 001 Fax No. 022-22619699
- (vii) Chief Engineer, Thermal Design, Punjab State Electricity Board, the Mall, Patiala -147001. Fax.No.0175-2212867, Ph.No.0175-2213038
- (viii) Managing Director, MP Power Trading Co. Ltd. Shakti Bhavan, Vidyut Nagar, Jabalpur - 482008, Mo. 09425324234, (FAX No.0761-2664749)

- (ix) Managing Director, Uttar Haryana Bijli Vitran Nigam Ltd. Shakti Bhavan, Sec-6, Panchkula-134109.
- (x) Shri Devendra Singh, Executive Director (Planning), Ministry of Railways, 258, Rail Bhavan, New Delhi. Fax No. 011-23383354, 23383720
- (xi) Shri A. Chakravarti, ED(CLG), Power Finance Corporation Ltd., Urjanidhi, 1, Barakhamba Lane, Connaught Place, New Delhi – 110 001 Fax No.23412545.
- (xii) Executive Director (CMG), Power Grid Corporation of India Ltd. "Saudamni", Plot No.-2, Sector-29, Gurgaon-122001(Haryana); Fax No.0124-2571935, Ph.No.2571934
- (xiii) Executive Director (ER), Power Grid Corporation of India Ltd, Regional Head Quarter (ERTS-I), 5th & 6th Floor, Alankar Place, Boring Road, Patna-800001(Bihar) Fax No.0612-2233512,
- (xiv) Shri S.S. Gupta, Chief Engineer (NPP&R), Rajashthan Rajya Vidyut Prasaran Nigam Ltd. Jaipur .Fax. No. 0141-24400168, Ph.No. 0141-2740118
- (xv) Shri S.P. Singh, DGM, Pragati Power Station, Pragati Power Corporation Ltd."HIMADRI" Rajghat Power House Complex, New Delhi – 110 002. Fax.No.23275039.
- (xvi) Director. Jharkhand Integrated Power Ltd. Dhirubhai Ambani Knowledge City, I Block, 2nd Floor, North Wing, Thane Belapur Road, Koparkhairane, Navi Mumbai- 400710. Fax No. 022-30386999
- (xvii) Chief Engineer (SP&PA), CEA
- (xviii) Chief Engineer (PSPM), CEA New Delhi.

Copy for information to: -

1. Chairperson, CEA
2. Member (Thermal), CEA
3. Joint Secretary (Thermal), Ministry of Power,  
Shram Shakti Bhawan, New Delhi

**Record Notes of Discussion during the 6<sup>th</sup> Meeting of Joint Monitoring Committee for Talaiya Ultra Mega Power Project (UMPP) held on 20.9.2011 in CEA New Delhi**

List of participants is enclosed at Annexure.

Chairperson CEA welcomed all the participants. He stated that as per the discussions in the last JMC meeting, Jharkhand Integrated Power Ltd. (JIPL) was to finalize the coal transportation arrangement with Railways, Govt. of Jharkhand was to facilitate for early handing over of Govt. land as well as facilitate transfer of forest land. He further stated that JIPL was to finalize the contract with main plant supplier and issue NTP at the earliest. He requested JIPL to give the progress on the project.

2. Jharkhand Integrated Power Ltd. (JIPL) made a brief presentation on the progress of Talaiya UMPP. The status indicated by them is given below:

**2.1 Project update after 5<sup>th</sup> JMC**

M/s JIPL informed that the progress made since last JMC meeting is as follows:

- i) Forest land proposal of water corridor submitted at state level.
- ii) R&R plan for the main plant area submitted.
- iii) Forest diversion proposal for coal block area submitted at state level.
- iv) LOI submitted to US EXIM.

**2.2 Land Acquisition:**

M/s JIPL intimated that the government and forest land is yet to be transferred. They stated that there has been no significant progress in regard to government land. They informed that: -

- a. The proposal for final order for handover of 1220 acres of forest land for main plant has been pending at the State Forest Dept. M/s JIPL informed that one of the stage I clearance condition mention that JIPL is to supply concessional power in 10 km radius from project boundary. Since JIPL has signed PPA for 100 % capacity, it has proposed to discuss the modalities to comply the condition with Jharkhand State Electricity Board
- b. Regarding transfer of government land, they mentioned that the following issues are pending:

- i. Leasing of government land is pending approval from State Revenue Department since December 2010. Such approval for government land for main plant is critical to commence development activities.
- ii. Validation of occupiers needs to be taken up by District Administration to provide trouble free possession of land. As per Revenue Department suggestion, JIPL to compensate government land encroachers.
- iii. State government to issue directions for formulation of district level committee to expedite settlement of encroachers.

### 2.3 Studies and Investigations

M/S JIPL informed that the all major studies have been awarded and are in advanced stage of completion:-

- Seismic study and bathymetry study has been completed.
- Water intake point at the Tilaiya reservoir has been finalised.
- The pillaring work has been completed for the main plant area.
- Topography work for approach road has been completed.
- Wildlife conservation study has been completed and the report has been submitted to CWLW, Jharkhand and the Budget for WLCP has been approved.
- Hydrological Assessment Report, & Structural Assessment Report for the Tilaiya dam has been completed
- Flood Routing Report is being finalized.

### 2.4 Progress at site:

JIPL intimated the following progress at site:

- JSEB has accorded its consent for construction power and BoQ has been finalized.
- Pillaring of project boundary has been completed.
- Commercial negotiations with vendors for boundary wall and area grading is in final stages.
- As part of Site Enabling Facilities, orders for porta cabins, Weigh Bridge and batching plant have been awarded.

### 2.5 Coal Transportation Arrangement

M/s JIPL informed that a proposal has been sent to Railway Board to accord In-Principle approval for the coal transportation arrangement through IR network for Tilaiya UMPP. M/s JIPL has proposed to load coal at loading bulb in coal mine and to transport coal by OLC to Nawada/Katkamsandi station on Hazaribagh-

Koderma railway line. JIPL shall construct the requisite OLC. Coal from Nawada/Katkamsandi station to Barhi station shall be transported through Hazaribagh-Koderma line under construction by IR. Coal shall be transported by dedicated railway siding from Barhi station to power plant and shall be developed by M/s JIPL. M/s JIPL informed that a meeting between CPTM Hazipur, M/s JIPL and M/s Barsyl was held and a feasibility study for railway siding from Hirodih to power plant has been awarded to M/s Aarvee Consultant. JIPL has informed that they have held discussions with Executive Director (Planning), Railways as was discussed in the last JMC meeting. As per Railways model, JIPL will need to invest for the construction of 2<sup>nd</sup> railway line but they will not get any rebate in freight. Railways do allow charging levy on the freight to recover the investment but this was of no use in their case as it is a captive system to the power plant. JIPL stated that their lenders are objecting to this model of Railway where investment is to be made by the developer and full freight is also to be paid. M/s JIPL further informed that alternatively, study for feasibility of full length Overland Conveyer was awarded to M/s CDI, USA and the report for the same has been received by M/s JIPL.

Ex-Director (Planning) , Ministry of Railways briefed the JMC about the meeting that took place with M/s JIPL and clarified that the policy of Railways do not permit to give the rebate in freight but allows charging levy on the transportation as indicated by JIPL. He requested JIPL to give in detail their propose pointing out the specific issues concerning their project so that it could be examined.

To a query on the coal transportation system to be finally adopted JIPL stated that the decision whether to use Railway system or to have an independent OLC will be taken after the completion of study.

Chairperson requested JIPL to finalise the coal transportation system at the earliest as it may become critical in achieving the targeted commissioning schedule.

## **2.6 EPC/BTG**

M/s JIPL informed that the EPC contract has been finalized with Reliance Infra and BTG has been tied up with Shanghai Electric Corporation. Chairperson, CEA queried about the issue of NTP to BTG supplier M/s JIPL intimated that no advance has been paid to Shanghai Electric Corporation, China towards placement of order and they are waiting for completion of land acquisition for main plant and ash dyke area.

## **2.7 Coal Mine Development / Activities**

M/s JIPL informed that application for land acquisition of Pvt. and Govt. Land has been submitted to District administration. Deputy Commissioner, Hazaribagh has sought consent from State Revenue Department for initiating the Land

acquisition process. Forest diversion proposal was submitted to DFO and the same is currently being processed at the State level. M/s JIPL further informed that for Kerendari B&C, Mining Plan has been approved by Ministry of Coal (MoC) and ToR for EIA/EMP has been approved by MoEF. The draft EIA/EMP has been prepared for the Coal block area. Mining lease application for coal block has been submitted and the proposal is presently at district level.

All major studies in coal block area such as topographic survey, area drainage study, socio-economic survey, EIA/EMP study, coal sample analysis and detailed project report, have either been completed or are in final stages.

Discussion with OEMs for procurement of mining machinery is in progress.

M/s JIPL requested for support from State revenue department to provide the consent to District Revenue dept. to commence the LA process and issuance of Section 4. Further, M/s JIPL requested for early recommendation of Stage I forest clearance from the state government to MoEF, New Delhi.

## **2.8 Project Financing**

M/S JIPL informed that RBI has given In-Principle clearance for raising USD 2 bn ECB. Project Information Memorandum for the project is being finalized and discussions with domestic and overseas banks/FIs are in advanced stage. Draft report for Escrow study to access revenue realization from the procurer utilities has been received. Lol has been submitted to US EXIM for project funding requirement.

## **2.9 R&R and CSR activities for Main Plant & Coal Block**

M/S JIPL informed that final R&R plan has been prepared for main plant area and has been submitted to District administration. 1000 acres of land required to settle the PAP's from the coal mine area has been identified. Socio economic survey for coal mine area has been completed and the report is being prepared. JIPL carrying out extensive medical camps and other entry point CSR activities in main plant and coal block area. A dedicated team for the CSR activities is stationed at the project site and regular consultations with villagers and community leaders are in progress. NGOs have been identified to provide livelihood generation support and discussions are in progress with these NGOs.

3.0 Secretary (E), Government of Jharkhand (GOJ) informed that Chief Secretary, GOJ had reviewed the project on 12<sup>th</sup> September, 2011 and concerned departments have been requested to process the proposals for transfer of government land within one month. He further mentioned that regarding transfer of forest land, JIPL was to confirm compliance to the condition of the State-I clearance given by MOE&F. He mentioned that the pending issues relating to

land as brought out by JIPL during the presentation are likely to be resolved soon. He assured that he will be monitoring the situation.

- 4.0 JIPL informed that all conditions of Stage-I forest clearance has been complied with except relating to supply of concessional power within a radius of 10 km., for which they were discussing the modalities with JSEB. After discussion, JIPL was requested to follow up the land acquisition issues with concerned department and keep Secretary (E), GOJ informed so that the pending issues could be resolved.
- 5.0 Representative of PGCIL informed that It intends to float NIT in November 2011 and plan to award the work in June 2012. PGCIL informed that they have signed the indemnification agreement with procurers from Delhi, Punjab, Rajasthan, Haryana, Madhya Pradesh, Bihar, U.P. and Gujarat, and signing of indemnification agreement with Jharkhand & Maharashtra is in advance stage and will be signed in Sept/Oct, 2011. PGCIL confirmed that their schedule will be matched with the COD of the project. Further M/s JIPL requested PGCIL to provide the report on load flow study for transmission network and draft copy of BPTA, to which PGCIL was agreed.
- 6.0 Concluding the discussions, Chairperson CEA requested JIPL to finalize the coal transportation arrangement and also to pursue the issues relating to land acquisition with the concerned departments. He requested the Government of Jharkhand to facilitate for early handing over of government and forest land for the power plant and for expeditious processing the proposals for the land required for the coal blocks.

The meeting ended with a Vote of Thanks to the Chair.



Annexure 7  
7<sup>th</sup> JMC

8



केन्द्रीय विद्युत प्राधिकरण  
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)

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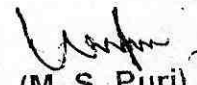
No.230/Tilaiya-JMC/JH/CEA/2009 | 177-197

Dated: 17.1.2012

**Subject:** Record notes of discussions of 7<sup>th</sup> meeting of the Joint Monitoring Committee to monitor the progress of Tilaiya Ultra Mega Power Project (6x660 MW).

A copy of the Record notes of discussions of 7<sup>th</sup> meeting of the Joint Monitoring Committee to monitor the progress of Tilaiya Ultra Mega Power Project (6x660 MW) held on 4.1.2012 in CEA is enclosed.

O/C

  
(M. S. Puri)  
Chief Engineer &  
Member Secretary of JMC  
Tele-fax - 011- 26106169

To:

- (i) Shri V. K. Singh, Secretary (Energy), Govt. of Jharkhand, Nepal House, Ranchi, Fax No.0651-2491002
- (ii) Dr. Jaipal Singh, Member (E&C), CEA
- (iii) Shri R. P. Gupta, Director, Finance, Pashchimanchal Vidyut Vitran Nigam Ltd. Victoria Park, Meerut. Fax No.0121-2666062
- (iv) Chief Engineer (Generation), Bihar State Electricity Board, Vidyut Bhavan, Bailey Road, Patna-800001. Fax.No.0612-2504534
- (v) Shri P. H. Rana, Managing Director, Gujarat State Electricity Corporation Ltd. Sardar Patel Vidhyut Bhavan, Race Course, Vadodara-07.
- (vi) Managing Director, Maharashtra State Electricity Distribution Co. Ltd., Mahavittaran, Hong Kong Bank Building, M.G. Road, Fort, Mumbai 400 001 Fax No. 022-22619699
- (vii) Chief Engineer, Thermal Design, Punjab State Electricity Board, the Mall, Patiala -147001. Fax.No.0175-2212867; Ph.No.0175-2213038
- (viii) Managing Director, MP Power Trading Co. Ltd. Shakti Bhavan, Vidyut Nagar, Jabalpur - 482008, Mo. 09425324234, (FAX No.0761-2664749)

- (ix) Managing Director, Uttar Haryana Bijli Vitran Nigam Ltd. Shakti Bhavan, Sec-6, Panchkula-134109.
- (x) Shri Devendra Singh, Executive Director (Planning), Ministry of Railways, 258, Rail Bhavan, New Delhi. Fax No. 011-23383354, 23383720
- (xi) Shri A. Chakravarti, ED(CLG), Power Finance Corporation Ltd., Urjanidhi, 1, Barakhamba Lane, Connaught Place, New Delhi – 110 001 Fax No.23412545.
- (xii) Executive Director (CMG), Power Grid Corporation of India Ltd. "Saudamni", Plot No.-2, Sector-29, Gurgaon-122001(Haryana); Fax No.0124-2571935, Ph.No.2571934
- (xiii) Executive Director (ER), Power Grid Corporation of India Ltd, Regional Head Quarter (ERTS-I), 5th & 6th Floor, Alankar Place, Boring Road, Patna-800001(Bihar) Fax No.0612-2233512,
- (xiv) Shri S.S. Gupta, Chief Engineer (NPP&R), Rajashthan Rajya Vidyut Prasaran Nigam Ltd. Jaipur .Fax. No. 0141-24400168, Ph.No. 0141-2740118
- (xv) Shri S.P. Singh, DGM, Pragati Power Station, Pragati Power Corporation Ltd."HIMADRI" Rajghat Power House Complex, New Delhi – 110 002. Fax.No.23275039.
- (xvi) Director. Jharkhand Integrated Power Ltd. Dhirubhai Ambani Knowledge City, I Block, 2nd Floor, North Wing, Thane Belapur Road, Koparkhairane, Navi Mumbai- 400710. Fax No. 022-30386999
- (xvii) Chief Engineer (SP&PA), CEA
- (xviii) Chief Engineer (PSPM), CEA New Delhi.

**Copy for information to: -**

1. Chairperson, CEA
2. Member (Thermal), CEA
3. Joint Secretary (Thermal), Ministry of Power, Shram Shakti Bhawan, New Delhi

Record Notes of Discussions during the 7<sup>th</sup> Meeting of Joint Monitoring Committee for Talaiya Ultra Mega Power Project (UMPP) held on 4.1.2012 in CEA, New Delhi

List of participants is enclosed at Annexure.

Member (Thermal), CEA welcomed all the participants. He stated that as per the discussions in the last JMC meeting, Jharkhand Integrated Power Ltd. (JIPL) was to finalize the coal transportation arrangement with Railways, JIPL was to pursue the issues relating to land acquisition with the concerned departments and Government of Jharkhand to facilitate for early handing over of government and forest land for the power plant and for expeditious processing the proposals for the land required for the coal blocks. He further stated that as per the status furnished by M/s JIPL for the month of Dec, 2011 forest land (1219 acres) and Govt. Land (855 acres) for the power plant is yet to be handed over to JIPL and that the arrangement for coal transportation is yet to be finalised with Railways. Thereafter he requested JIPL to give the Progress of land acquisition, Status of Financial Closure, NTP to Main Plant Supplier and their plan for start of construction activities at site.

2. Jharkhand Integrated Power Ltd. (JIPL) made a brief presentation on the progress of Talaiya UMPP. The status indicated by them is given below:

- 2.1 **Project update after 6<sup>th</sup> JMC**

M/s JIPL informed that the company is working towards steady progress of the project, however, due to non availability of land in both power plant area and coal mine area, the site development activities are hindered and delayed. The progress made in the project since the 6<sup>th</sup> JMC is as under:

- The forest land diversion proposal for the Coal block as well as the water corridor has been processed at the District level and is currently being processed by the State Forest department.
- EIA/EMP for the coal block area has been completed and has been submitted to State Pollution Control Board, Govt. of Jharkhand
- R&R plan for the main plant area has been submitted to the District administration and is under approval at State Revenue dept.
- M/s JIPL has submitted the Letter of Intent to US EXIM and discussions are in progress with overseas and domestic banks for financing of the project

- The project has been registered with UNFCCC for Clean Development Mechanism

## 2.2

### Land Acquisition:

#### 2.2.1 Power Plant

- M/s JIPL informed that they have received the possession certificates for entire 470 acres of private land for the power plant. However the physical possession is yet to be given.
- The proposal for final order for handing over of 1220 acres of forest land for the power plant has been pending at the State Forest Dept. since November 2010.
- The proposal of final approval for leasing of 312 acres of Government land is pending with state revenue department since December 2010.
- M/s JIPL informed that for validation of land occupiers, District administration is yet to form a District level committee.

It was reported that there is significant encroachment on government land and survey of occupiers is in progress. Formation of District level committee for validation of occupiers is yet to be taken up by District administration.

M/s JIPL stated that no progress has been made in handing over of land for power plant since February 2010 and the slow progress in the land acquisition is adversely impacting the financial closure of the project and thereby impacting the overall progress of the project.

#### 2.2.2 Coal Mine

M/s JIPL informed that the coal mine development requires a total land of 11,120 acres which comprises of 5953 acres of Private land, 861 acres of Government land and 4306 acres of Forest land.

- It was informed that application for land acquisition of Pvt. and Govt. Land was submitted to District administration and the same is pending with District administration for issuance of Section 4 notification. Deputy Commissioner, Hazaribagh had sought consent from State Revenue Department for initiating the Land Acquisition process and the same has been granted by State Revenue Department.
- For forest land, forest diversion proposal has been validated at District and Nodal level. The proposal is currently being processed at State Forest Department.

2.3

### **Studies and Investigations**

M/S JIPL apprised that all the major studies for the power plant like seismic study, topographic study, bathymetry study have been completed and the water intake point at the Tilaiya reservoir has been finalized. However due to non availability of plant land, intrusive studies like geo-technical studies, geo-hydrological studies, area drainage studies etc could not be taken up.

2.4

### **Coal Transportation Arrangement**

M/s JIPL informed that a proposal has been sent to Railway Board requesting IR to revise the R2CI guidelines for captive mine users. Representative of Indian Railways informed that they were examining the proposal received from JIPL and a decision will be taken in about a month's time.

M/s JIPL informed that a feasibility study for railway siding from Hirodih to power plant has been awarded and the same is in progress. M/s JIPL further informed that a study for feasibility of full length Overland Conveyer, as an alternate coal transportation arrangement, was awarded and the report for the same has been received by M/s JIPL. Topographic survey for the conveyor route has been initiated.

2.5

### **EPC/BTG**

M/s JIPL informed that the EPC contract has been finalized with Reliance Infra and BTG has been tied up with Shanghai Electric Corporation. M/s JIPL indicated that they are waiting for completion of land acquisition for main plant and ash dyke area after which they will issue the NTP to the BTG supplier. M/s JIPL requested for expeditious completion of Land acquisition.

2.6

### **Coal Mine Development / Activities**

M/s JIPL informed that for Kerendari B&C, Mining Plan has been approved by Ministry of Coal (MoC) and ToR for EIA/EMP has been approved by MoEF. EIA/EMP has been completed for the Coal block area and has been submitted to State Pollution Control Board, Government of Jharkhand. Mining lease application for coal block has been submitted and the proposal is in process at Dept. of Mines and Geology, Jharkhand. Detailed project report has been prepared by RWE, Germany and technical specifications for mining machinery has been finalized. Discussions with OEMs for procurement of mining machinery are in advanced stages.

All major studies in coal block area such as topographic survey, area drainage study, socio-economic survey, EIA/EMP study, coal sample analysis and detailed project report, have either been completed or are in final stages.

#### **2.6(A) Tilaiya Dam**

M/s JIPL informed that the Tilaiya Dam strengthening study has been carried out by WAPCOS. WAPCOS had opined that raising of conservation level has bearing on structural safety of Tilaiya Dam. However, M/s JIPL along with their Expert Consultant studied the report of WAPCOS and clarified to DVC and WAPCOS that structural parameters are well within limits of IS Codes. M/s JIPL sought support from the committee to resolve the issue with DVC and WAPCOS. Chairman, JMC requested JIPL to send a note on the issue to CEA so that the matter could be taken up with CWC.

#### **2.7 Project Financing**

M/S JIPL informed that RBI has given In-Principle clearance for raising USD 2 bn ECB. ESIA/ESMP study to meet the IFC Performance standards is in progress. Project Information Memorandum for the project is finalized and Escrow study to access revenue realization from the procurer utilities has been completed. Lol has been submitted to US EXIM for project funding requirement and discussions are in progress with the Chinese banks. Parallely discussions are on with domestic banks and financial institutions.

#### **2.8 R&R and CSR activities**

JIPL informed that final R&R plan for main plant area has been submitted to District administration and is under approval at State Revenue department. Socio economic survey for coal mine area has been completed and the data is being validated. M/s JIPL further informed that ~ 1000 acres of land required to settle the PAP's from the coal mine area has been identified and data collection and vetting is in progress. Architect has been appointed for development of R&R colony. M/s JIPL informed that it is carrying out extensive CSR activities in main plant and coal block area. M/s JIPL informed that as per the latest completed door to door survey for the Coal Mine Area, major deviations have been found with respect to the Pre Bid data. As per the Survey conducted by Asian Institute of Sustainable Development, number of project affected families has almost doubled w.r.t. the pre bid estimates. The Land and R&R budget based on the AISD Survey is around Rs 3000 to 3500 crores as against the pre bid estimates of Rs 342 crores. M/s JIPL informed that the increase in the R&R budget is mainly due to:

- Sample Survey of Project Affected families during the Pre Bid stage
- Changing the basis from NRRP to JRRP, which is superior, and
- Higher compensation package offered by M/s NTPC in the neighboring Pakribarwadih Coal block which M/s JIPL has to match for acceptance of the R&R plan.

M/s JIPL requested the procurers to provide full recovery of increase in Land and R&R Cost in view of the manifold increase in the estimates. Members suggested convening a meeting with Procurers to discuss the issue.

### 3.0 Power Transmission

POWERGRID stated that the Indemnification Agreement (IA) for matching the generation project vis-à-vis Transmission System of Tilaiya has already been signed by all the beneficiaries of NR, WR and ER with POWERGRID except Jharkhand. POWERGRID further expressed that despite repeated follow-ups the lead procurer JSEB is still to sign the same and requested that JMC may request for urgent action by JSEB. POWERGRID stated that the Associated Transmission System (ATS) is being implemented by them and the scheme is already included in the Bi-Partite Agreement with beneficiaries. Accordingly, on receipt of firm schedule of the generation, all the activities pertaining to availability of ATS for start-up power and evacuation would be tied up. It was pointed out by PGCIL that all the generators including NTPC, NHPC and UMPP are required to sign the Transmission Service Agreement which is approved by CERC and available on the website of CERC and POWERGRID. It was agreed that a copy of the same would be forwarded by POWERGRID To Tilaiya UMPP.

- 4.0 Concluding the discussions, Chairman, CEA desired that Government of Jharkhand be addressed a letter to expedite the transfer of Govt land and forest land for the power plant as also the land acquisition process for coal mine area. He also suggested that a meeting may be arranged at Ranchi with the state government to expedite the matter. He requested JIPL to give details on the Tilaiya Dam strengthening study so that CEA could take up the matter with CWC. He further requested Railways representative to expeditiously give their decision on the proposal of JIPL regarding rebate for coal block allottees.

The meeting ended with a Vote of Thanks to the Chair.

\*\*\*\*\*

Annexure-8

8<sup>th</sup> JMC



केन्द्रीय विद्युत प्राधिकरण  
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.230/Tilaiya-JMC/JH/CEA/2009


Dated: 03.8.2012

**MEETING NOTICE**

**Subject: 8<sup>th</sup> meeting of the Joint Monitoring Committee to Monitor the progress of Tilaiya Ultra Mega Power Project (6x660 MW)**

In continuation to our letter of even number dated 20.7.2012, it is to inform that the 8<sup>th</sup> meeting of the Joint Monitoring Committee to monitor the progress of Tilaiya Ultra Mega Power Project (6x660 MW) scheduled to be held on 6.8.2012 at 3.00 PM has been postponed. The new date will be intimated in due course of time.

The inconvenience caused is regretted.

  
(M. S. Puri)  
Chief Engineer &  
Member Secretary of JMC  
Tele-fax – 011- 26106169

To:

- (i) Shri V. K. Singh, Secretary (Energy), Govt. of Jharkhand, Nepal House, Ranchi, Fax No.0651-2491002
- (ii) Shri R. P. Gupta, Director, Finance, Pashchimanchal Vidyut Vitran Nigam Ltd. Victoria Park, Meerut. Fax No.0121-2666062
- (iii) Chief Engineer (Generation), Bihar State Electricity Board, Vidyut Bhavan, Bailey Road, Patna-800001. Fax.No.0612-2504534 2-504750
- (iv) Shri P. H. Rana, Managing Director, Gujarat State Electricity Corporation Ltd. Sardar Patel Vidhyut Bhavan, Race Course, Vadodara-07.  
Managing Director, Maharashtra State Electricity Distribution Co. Ltd., Mahavittaran, Hong Kong Bank Building, M.G. Road, Fort, Mumbai 400 001 Fax No. 022-22619699



- (vii) Managing Director, MP Power Trading Co. Ltd. Shakti Bhavan, Vidyut Nagar, Jabalpur - 482008, Mo. 09425324234, (FAX No.0761-2664749)
- (viii) Managing Director, Uttar Haryana Bijli Vitran Nigam Ltd. Shakti Bhavan, Sec-6, Panchkula-134109.
- (ix) Shri Devendra Singh, Executive Director (Planning), Ministry of Railways, 258, Rail Bhavan, New Delhi. Fax No. 011-23383354, 23383720
- (x) Shri A. Chakravarti, ED(CLG), Power Finance Corporation Ltd., Urjanidhi, 1, Barakhamba Lane, Connaught Place, New Delhi - 110 001 Fax No.23412545. 27116587
- (xi) Executive Director (CMG), Power Grid Corporation of India Ltd. "Saudamni", Plot No.-2, Sector-29, Gurgaon-122001(Haryana); Fax No.0124-2571935, Ph.No.2571934 2571932
- (xii) Executive Director (ER), Power Grid Corporation of India Ltd, Regional Head Quarter (ERTS-I), 5th & 6th Floor, Alankar Place, Boring Road, Patna-800001(Bihar) Fax No.0612-2233512, 2533312
- (xiii) Shri S.S. Gupta, Chief Engineer (NPP&R), Rajasthan Rajya Vidyut Prasaran Nigam Ltd. Jaipur .Fax. No. 0141-24400168, Ph.No. 0141-2740118 2340275
- (xiv) Shri S.P. Singh, DGM, Pragati Power Station, Pragati Power Corporation Ltd."HIMADRI" Rajghat Power House Complex, New Delhi - 110 002. Fax.No.23275039. 23278942
- (xv) Director. Jharkhand Integrated Power Ltd. Dhirubhai Ambani Knowledge City, I Block, 2nd Floor, North Wing, Thane Belapur Road, Koparkhairane, Navi Mumbai- 400710. Fax No. 022-30386999
- (xvi) Chief Engineer (SP&PA), CEA
- (xvii) Chief Engineer (PSPM), CEA New Delhi.

**Copy for information to: -**

1. Chairperson, CEA
2. Member (Thermal), CEA
3. Dr. Jaipal Singh, Member (E&C), CEA
4. Joint Secretary (Thermal), Ministry of Power, Shram Shakti Bhawan, New Delhi

**Record notes of Discussions during the 8<sup>th</sup> Meeting of Joint Monitoring Committee for Tilaiya Ultra Mega Power Project (UMPP) held on 28th August 2012 at CEA office, New Delhi.**

List of Participants is enclosed at Annexure.

Chairperson, CEA welcomed all the participants. He stated that as per the discussions in the last JMC meeting, a meeting was held on 15<sup>th</sup> June, 2012 at Ranchi under the Chairmanship of Chief Secretary, Govt. of Jharkhand to expedite the land acquisition matter with the state government. He observed that as per the latest status report furnished by M/S JIPL for the month of July, 2012 forest land (1220 acres) and Govt. land (855 acres) for the power plant are yet to be handed over to M/S JIPL. He requested M/S JIPL to give the progress on land acquisition, status of financial closure, NTP to Main Plant Supplier and their plan to start of construction activities at site.

2. Jharkhand Integrated Power Limited (JIPL) made a brief presentation on the progress of Tilaiya UMPP. The status indicated by them is given below:

**2.1. Project update after 7<sup>th</sup> JMC**

M/S JIPL informed that due to non availability of land in both power plant and coal mine area, site development activities are hindered and delayed. The progress made in the project since 7<sup>th</sup> JMC is as under:

- Coal Mine LA application has been processed and is under approval at State Revenue Department for issuance of Section 4.
- Application has been filed for 586 acres of land towards R&R colony site.
- Application for Coal Block forest land is being processed at State Forest Department.
- Public Hearing conducted on 16.5.2012 for coal block Environmental Clearance.
- EIA/EMP for coal mine area submitted to MoEF for taking it up at EAC.
- Mining Lease Application being processed at State Mining Department.
- Discussions are in progress with overseas and domestic banks for financing of the project.

3.0 The status of land acquisition and other activities as indicated by M/s JIPL and the discussions held in the meeting on the issue are briefly given below:

**3.1. Land Acquisition**

**3.1.1 Power Plant**

- M/s JIPL informed that they have received the possession certificates for the entire 470 acres of private land for power plant.
- The proposal for final approval for leasing 312 acres of government land is pending at State Revenue Department.
- Proposal for 543 acres of government land is pending with District Revenue Department. Encroacher's verification is pending for this land for which District Level Committee is yet to be formed.

- Proposal for final order to hand over 1220 acres of forest land for the power plant is pending at State Forest Department for which Stage-II clearance was issued in November 2010.

M/S JIPL stated that the transfer of Govt. Land and Forest Land have been pending since February 2012. Principal Secretary (Energy) informed that the proposal for handing over the forest land for power plant is in final stage of approval. He requested M/S JIPL to give him details about status of Govt. Land pending at district level and in Revenue Department so that the matter could be expedited.

### **3.1.2 Coal Mine**

M/S JIPL communicated that coal mine development requires a total land of 11120 acres which comprises of 5953 acres of private land, 861 acres of Government land and 4306 acres of forest land.

- It was informed that application for land acquisition of private and Govt. land is currently being processed at State Revenue Department. Revised application has been made in May 2011 and issuance of Section 4 is pending.
- For Forest land, forest diversion proposal is being processed at State Forest Department.

M/s JIPL stated that progress on coal block land is critical to ensure fuel security for UMPP. They also highlighted that visibility on coal block land is essential for achieving financial closure for the Project. To a query M/s JIPL informed that justification for the land requirement for the captive coal blocks as discussed in the meeting taken by Chief Secretary, Government of Jharkhand has been forwarded to the Forest Department. They mentioned that M/s ISM Dhanbad was engaged to prepare the report on the land requirement. They also mentioned that the Internal Committee of the State Forest Department has verified the assessment of the land requirement. M/S JIPL agreed to send ISM Dhanbad report to CEA regarding the land required for coal mine development.

### **3.2 R&R and CSR activities**

M/S JIPL informed that R&R plan for main plant area has been submitted to District Administration and is under approval at State Revenue Department, R&R Plan for ash dyke area is under review with District Administration, SES for coal mine area has been completed, M/s JIPL has identified 1000 acres of land of which they have already filed application for 585 acres for R&R colony. They further informed that CSR plan based on need assessment analysis has been finalized. M/s JIPL also informed that through its ongoing activities in field of education, it is working towards the holistic development of the neighbourhood and that through its health initiatives M/s JIPL aims to enhance health standards of the community. In order to help people attain self dependency M/s JIPL informed that they have sponsored students to various ITIs to take up studies in various trade and that they are facilitating people attain self dependency through linkages with employment.

Member Secretary informed that M/s JIPL has furnished details as requested by the procurers regarding R&R issues and the same may be again discussed in Procurer's

meeting. Principal Secretary (Energy) agreed to convene a meeting on 10th September, 2012.

### **3.3 Studies & Investigations**

M/s JIPL appraised that all major studies for the power plant like seismic study, topography study, bathymetry study, geo hydrological study, wildlife conservative study have been completed while area drainage study and soil investigation study are in progress. JIPL informed that they are facing resistance from locals for conducting invasive studies such as area drainage and soil testing. The Principal Secretary (Energy), Government of Jharkhand stated that M/s JIPL has not informed to the Energy Department the difficulties if any in carrying out field investigation in power plant area. JMC requested M/s JIPL to complete the field investigation and they may approach the State Energy Department to provide necessary support to carry out studies in the plant area.

### **3.4 Coal Transportation Arrangement**

M/S JIPL informed that coal may be transported through IR network. M/S JIPL prefers to transport coal to Nawada/Katkamsandi station on Hazaribagh – Koderma line by Over Land Conveyor (OLC). Coal from Nawada/Katkamsandi to Barhi station can be transported through Hazaribagh – Koderma line under construction by IR. Coal from Barhi station to power plant to be transported by dedicated railway siding which would be developed by M/S JIPL. They intimated that IR is contemplating to the revise the R2CI policy based on the representations received from various stakeholders. Member Secretary pointed out that as per the presentation material circulated by M/s JIPL, the alternative of end to end OLC was also being examined and survey work in this regard was under way. He further stated that this shows that M/s JIPL has not yet firmed-up the coal transportation mode. M/s JIPL informed that Rail transport will be the preferred mode provided IR revise the R2CI policy to provide rebate to power plants having captive coal mine. It was decided that CEA may write to IR to have that views on the review of R2CI policy.

### **3.5 EPC**

M/s JIPL informed that the EPC Contract has been finalized with Reliance Infra and BTG has been tied up with Shanghai Electric Corporation. M/s JIPL indicated that they are awaiting land acquisition for issue of NTP to BTG supplier.

### **3.6 Coal Mine Development Activities**

M/s JIPL informed that Kerendari BC mining plan has been approved by Ministry of Coal (MOC). JIPL has been successful in conducting Public Hearing for Environment Clearance EIA/EMP study has been completed and has been submitted to MoEF. The proposal for Mining Lease Application for coal block is being processed at State Administration. Detailed Project Report has been prepared by RWE, Germany and discussions with OEMs for procurement of mining machinery are in progress. All major studies like topographic survey, area drainage study, socio – economic survey and detailed project study have been completed.

### **3.7 Project Financing**

M/s JIPL informed that Environment & Social Impact Assessment(ESIA)/ Environment & Social Management Plan(ESMP) study to meet the IFC performance standards has been completed Project Information Memorandum for project is finalized and Escrowability study to access revenue realization from procurer utilities has been completed. Discussions are in progress with domestic banks and financial institutions.

### **4.0 Transmission System**

PGCIL stated that all the beneficiaries states have signed the Indemnification Agreement (IA) except the Jharkhand. Principal Secretary (Energy) stated that he will look into the matter and will expedite the signing of IA.

### **5.0 Conclusion:**

Concluding the discussions, Chairperson, CEA requested M/s JIPL to furnish land requirement for coal mine corresponding to the requirement of UMPP vis- a- vis total land requirement for 40 mt per year production capacity as per the approved mining plan. He requested the Principal Secretary (Energy) to expedite the transfer of Govt. and Forest land and if possible, a review meeting may be arranged at Ranchi with all the concerned agencies. He also requested M/s JIPL to carry out the pending field investigations with the support of the State Govt.

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

.....

12

Annexure-9

9<sup>th</sup> JMC



केन्द्रीय विद्युत प्राधिकरण  
Central Electricity Authority  
तापीय आयोजना एवं अन्वेषण प्रभाग  
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9th Floor Sewa Bhavan, R.K. Puram, New Delhi – 110 066

No.230/Tilaiya-JMC/JH/CEA/2009/426-446 Dated: 06.03.2013

**Subject: Record notes of discussions of 9<sup>th</sup> meeting of the Joint Monitoring Committee to monitor the progress of Tilaiya Ultra Mega Power Project (6x660 MW).**

A copy of the Record notes of discussions of 9<sup>th</sup> meeting of the Joint Monitoring Committee to monitor the progress of Tilaiya Ultra Mega Power Project (6x660 MW) held on 18.2.2013 in CEA is enclosed.

*[Handwritten signature]*

*[Handwritten signature]*

(M. S. Puri)  
Chief Engineer &  
Member Secretary of JMC  
Tele-fax – 011- 26106169

To:

- (i) Shri V. K. Singh, Secretary (Energy), Govt. of Jharkhand, Nepal House, Ranchi, Fax No.0651-2491002.
- (ii) Dr. Jaipal Singh, Member (E&C), CEA
- (iii) Shri R. P. Gupta, Director, Finance, Pashchimanchal Vidyut Vitran Nigam Ltd. Victoria Park, Meerut. Fax No.0121-2666062
- (iv) Chief Engineer (Generation), Bihar State Electricity Board, Vidyut Bhavan, Bailey Road, Patna-800001.Fax.No.0612-2504534
- (v) Shri Gurdeep Singh, Managing Director, Gujarat State Electricity Corporation Ltd. Sardar Patel Vidhyut Bhavan, Race Course, Vadodara-07.
- (vi) Managing Director, Maharashtra State Electricity Distribution Co. Ltd., Mahavittaran, Hong Kong Bank Building, M.G. Road, Fort, Mumbai 400 001 Fax No. 022-22619699.
- (vii) Chief Engineer, Thermal Design, Punjab State Electricity Board, the Mall, Patiala –147001.Fax.No.0175-2212867, Ph.No.0175-2213038
- (viii) Managing Director, MP Power Trading Co. Ltd. Shakti Bhavan, Vidyut Nagar, Jabalpur – 482008, Mo. 09425324234, (FAX No.0761-2664749)
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- (xi) Shri A. Chakravarti, ED(CLG), Power Finance Corporation Ltd., Urjanidhi, 1, Barakhamba Lane, Connaught Place, New Delhi – 110 001 Fax No.23412545.
- (xii) Executive Director (CMG), Power Grid Corporation of India Ltd. "Saudamni", Plot No.-2, Sector-29, Gurgaon-122001(Haryana); Fax No.0124-2571935, Ph.No.2571934
- (xiii) Executive Director (ER), Power Grid Corporation of India Ltd, Regional Head Quarter (ERTS-I), 5th & 6th Floor, Alankar Place, Boring Road, Patna-800001(Bihar) Fax No.0612-2233512,
- (xiv) Shri S.S. Gupta, Chief Engineer (NPP&R), Rajashtan Rajya Vidyut Prasaran Nigam Ltd. Jaipur .Fax. No. 0141-24400168, Ph.No. 0141-2740118
- (xv) Shri S.P. Singh, DGM, Pragati Power Station, Pragati Power Corporation Ltd."HIMADRI" Rajghat Power House Complex, New Delhi – 110 002. Fax.No.23275039.
- (xvi) Director. Jharkhand Integrated Power Ltd. Dhirubhai Ambani Knowledge City, I Block, 2nd Floor, North Wing, Thane Belapur Road, Koparkhairane, Navi Mumbai- 400710. Fax No. 022-30386999
- (xvii) Chief Engineer (SP&PA), CEA
- (xviii) Chief Engineer (PSPM), CEA New Delhi.

**Copy for information to: -**

1. Chairperson, CEA
2. Member (Thermal), CEA
3. Joint Secretary (Thermal), Ministry of Power, Shram Shakti Bhawan, New Delhi

Record Notes of Discussions during the 9<sup>th</sup> Meeting of Joint Monitoring Committee for Tilaiya Ultra Mega Power Project (UMPP) held on 18.2.2013 in CEA, New Delhi

List of participants is enclosed at Annexure.

Member (Thermal), CEA welcomed all the participants. He stated that as per the discussions in the last JMC meeting, Jharkhand Integrated Power Ltd. (JIPL) was to furnish land requirement for coal mine corresponding to the requirement of UMPP vis-à-vis total land requirement for 40 MT per year production capacity as per the approved mining plan and carry out the pending field investigations with the support of the State Govt. As decided during last review meeting, meeting on land acquisition was held at Ranchi on 13.12.2012 under Chairmanship of Chief Secretary GoJ. He further stated that as per the status furnished by M/s JIPL for the month of Jan, 2013, forest land (1219 acres) and Govt. Land (855 acres) for the main plant is yet to be handed over to JIPL.

Thereafter he requested JIPL to give the Progress of land acquisition, Status of Financial Closure, NTP to Main Plant Supplier and their plan for start of construction activities at site.

2. Jharkhand Integrated Power Ltd. (JIPL) made a brief presentation with the highlights of progress made since 8<sup>th</sup> JMC followed by the critical issues needing resolution to expedite the execution of the project and detailed progress status of Tilaiya UMPP.

#### 2.1 Project update after 8<sup>th</sup> JMC

M/s JIPL reiterated that non availability of land in both power plant and coal mine area is hindering site development activities. The progress made in the project since 8<sup>th</sup> JMC is as under:

- Coal Mine LA application is being considered by Land acquisition committee for issuance of Sec 4.
- Application has been filed for 458 acres of land towards the Phase-II of R&R colony.
- To a query from the GoJ, the MoP has clarified that Tilaiya UMPP to be treated at par with Central Govt Undertaking Projects for the purpose of LA and compensatory afforestation of both plant and associated coal block. Further clarification has been sought by GoJ from MoEF on compensatory afforestation Land.
- The EAC has considered the coal mine projects for EC in their meeting in Sep '12 and raised certain queries of the proposal. Response submitted to MoEF against the queries raised during EIA/EMP presentation made to EAC.



- Project Information Memorandum submitted to SBI Capital and due diligence is in progress; discussions are also in progress with other domestic and overseas banks/FIs for financing of the project.

## 2.2 Critical Issues

M/s. JIPL highlighted following critical issues faced in the progress of the project:

### a. Handing over of land for Power Station

JIPL expressed their concern on delay in handing over of Power Station land. As per clause 3.1.2AB of the PPA, Power Station & Water Intake pipeline land was to be handed over by the procurers within 6 months of transfer of the project i.e. Feb 2010. In spite of various commitments made from time to time till date no land is made available. JIPL mentioned that as per the PPA, the Scheduled Date of Commissioning of the first unit of the Tilaiya UMPP is May 2015. JIPL is entitled for day to day extension of Scheduled Date of Commissioning due to non-fulfilment of Procurers' commitment. It was conveyed that due to delay in fulfilment of Procurers' commitment, Scheduled Date of Commissioning of Units shall undergo a change. JIPL shall be able to intimate firm Scheduled Date of Commissioning only after achieving clarity and certainty on the availability of the required land for power plant and coal block.

### b. Availability of Forest Land

The Power Plant area of TUMPP comprises of 1220 acres of forest land, final handover of which is pending with GoJ since November 2010. GoJ sought clarification from Gol regarding land for compensatory afforestation. MoP clarified that UMPPs are the schemes of Government of India and for the purpose of land acquisition and compensatory afforestation, it was clarified that TUMPP to be treated at par with Central Government Undertaking Projects. GoJ has sought further clarification from MoEF in this regard.

JIPL further clarified that as per PPA, Handing over of Power Station land is the responsibility of Procurers' and requested to expedite the possession.

Principal Secretary (E), Govt. of Jharkhand and the Co-Chairman of the JMC and the lead procurer stated that he was trying his best to get the forest land. DFO has raised query for afforestation GoJ sought clarification from Gol regarding land for compensatory afforestation. MoP clarified that UMPPs are the schemes of Government of India and for the purpose of land acquisition and compensatory afforestation, it was clarified that TUMPP to be treated at par with Central Government Undertaking Projects. GoJ has sought further clarification from MoEF in this regard. MoEF says that it appears to be a private project. At state level, special committee has been formed to look in to the matter and he personally discussed with Secretary (forest). He is hopeful of getting the issue resolved shortly.

Under Secretary, Ministry of Power stated that MoP is also looking in to the matter and expected to resolve the issue at the earliest.

c. **Land and R&R Cost**

JIPL conveyed its concern over the considerable increase in the Land and R&R cost to the current estimate of Rs. 3016 cr from Rs. 481 cr as indicated by PFC during pre bid stage. JIPL informed that to provide comfort to the lenders and other stakeholders, it is essential to express in-principle approval on this matter by the procurers. A meeting was convened by Principal Secretary (Energy), Govt. of Jharkhand on 8.10.2012 to discuss this issue with the Procurers. JIPL stated that Clause 13.2 of PPA mentions that intent of Change in Law provisions is to bring the affected party to same economic position as if Change in Law has not occurred. However the formula provided in Article 13.2 (a) does not allow the complete recovery of additional Land and R&R cost. JIPL requested support from procurers, PFC, CEA and MoP for obtaining necessary approval for recovery of complete land and R&R cost to ensure viability of the project.

As the Mining Plan has been prepared for mining of 40 MTPA of coal, the procurers desired to seek verification of the quantum of land required for 20 MTPA mine. The lead procurer to initiate action on this. JIPL made an appeal to resolve this issue at the earliest and to provide the approval of the procurers to proceed with the land acquisition and to discuss & finalise the R&R package with the affected people.

d. **Environmental clearance for Coal Block to be approved by EAC**

As per JIPL, EIA study was completed in compliance to the TOR approved by MoEF on 29. 07.2010. The proposal for the Environmental Clearance was forwarded to MoEF after the conduct of Public Hearing on 16.05.2012 by JSPCB. The requisite clarification to the queries raised by EAC in its meeting held on 18.09.2012 has been submitted to MoEF. JIPL solicited support from CEA and MoP to expedite the Environment Clearance for coal block.

e. **Section 4 notification for coal block land**

JIPL underlined that the revised LA Application for coal block land was submitted in May 2011; however Section 4 notification is yet to be issued. JIPL suggested for expeditious issuance of Section 4 notification as same is essential for proceeding with the discussions with the financial institutions and to ensure fuel security.

On the issue of Section 4 notification, Principal Secretary (E), Govt. of Jharkhand stated that certain decision was taken in the Chief Secretary meeting and JIPL have to sign an agreement for which JIPL have agreed. He stated that another review meeting at High level will be held shortly.

**f. Processing of Mining lease application by State Mining Dept**

JIPL informed that application for Mining Lease was submitted in May 2010; however proposal is still pending with State Mining Department for onward submission to Ministry of Coal to secure prior approval.

**g. Water allocation: Tilaiya Dam strengthening study**

JIPL briefed that the water allocation to Project requires rising of storage level of Tilaiya dam to 1219.5 ft from 1210 ft. The study report made by WAPCOS on the dam strengthening has many inconsistencies. JIPL has clarified that structural parameters are well within limits of IS Code provisions and that the Dam is safe in all scenarios. JIPL had requested WAPCOS to align the recommendations of the study report with IS code provisions and other data/observations provided in relevant chapters of the report. WAPCOS has since constituted an Expert committee consisting of ex-senior CWC officials to review the report and suggest the changes. JIPL informed that the expert committee has recommended recasting of the report removing all inconsistencies pointed out. It was also informed by them that CWC, on the request of Chairman/CEA, is planning to convene a meeting to resolve this issue.

**2.3 Land Acquisition:**

**2.3.1 Power Plant**

- M/s JIPL informed that it's been almost three years that the physical possession for the entire 470 acres of private land is still pending and such a delay in handover of private land is a hindrance to initiate any construction activity at project site.
- The proposal of final approval for leasing 312 acres of government land is pending at State Revenue department.
- Of the total 543 acres of occupied government land, proposal for 480 acres is pending with State Revenue Department and for 63 acres is pending with District Revenue Department. Occupier's verification is pending for this land for which District level committee is yet to be formed.
- Forest land (1220 acres) constitutes 90% of total plant land. Stage II forest clearance was accorded by MoEF in Nov 2010 but land is yet to be handed over to JIPL.

On the issue of physical possession of private land and Govt. land, Principal Secretary (E), Govt. of Jharkhand stated that JIPL have to take physical possession of the private land and they should coordinate with the local revenue authority to take physical possession as was already discussed in the last review meeting taken by Chief Secretary, Govt. of Jharkhand.

### 2.3.2 Coal Mine

M/s JIPL communicated that Coal Mine development requires a total of 12108 acres of land with 11120 acres spread across Coal Block area and 988 acres for the R&R colony. This total land comprises 6761 acres of Private land, 1041 acres of Government land and 4306 acres of Forest land.

- It was informed that application for land acquisition of private land is currently being processed at State Revenue Department. Revised application was submitted in May 2011 and issuance of Section 4 is pending.
- The diversion proposal for the forest land, submitted in May 2011, is still being processed at State Forest Department for onward submission to MoEF.
- M/s JIPL stated that progress on coal block land is critical to ensure fuel security for the UMPP and also to achieve financial closure..

### 2.4 R&R and CSP activities

M/s JIPL communicated that R&R plan for main plant area has been submitted to District administration and is under approval at State Revenue Department. R&R plan for ash dyke area is under review with District Administration. SES for coal mine area has been completed. The same is being reviewed for inconsistencies, if any.

### 2.5 EPC/BTG

M/s. JIPL informed that the EPC Contract was finalized with Reliance Infra and BTG was tied up with Shangai Electric Corporation. However due to delay in land acquisition by almost three years "Notice to Proceed" (NTP) could not be issued for these contracts. Therefore, EPC and BTG contracts may undergo change, resulting in higher capital expenditure for JIPL.

### 2.6 Project Financing

M/s JIPL informed that Project Information Memorandum has been submitted to SBI Capital and due diligence process by SBI Caps is in progress. Discussions are also in progress with other domestic banks, financial institutions and overseas banks for financing the project. The ESIA/ESMP study to meet the IFC performance standards and the Escrow study to access revenue realization from procurer utilities has been completed.

3. JIPL informed that the land requirement for coal mining consist of three parts (i) Coal bearing area (ii) OB area and (iii) Infrastructure area . The land requirement for Coal bearing area and Infrastructure would be same 100% for production of 40 MTPA as well as 20 MTPA but the land requirement for O.B area may reduce for lesser production capacity. As such there will not be substantial reduction in the land requirement for coal mining corresponding to the requirement of UMPP vis-à-vis total land requirement for 40 MT per year production capacity as per the approved mining

plan. Principal Secretary (E), Govt. of Jharkhand pointed out that the reduction shown by JIPL does not appear realistic and land requirement for coal mining corresponding to the requirement of UMPP vis-à-vis total land requirement for 40 MT may be examined by some mining expert.

4. Concluding the discussions Member (Thermal) requested Govt. of Jharkhand to expeditiously resolve the Land Acquisition issues as discussed in the meeting considering that the project implementation is initially stalled for want of land. He further stated that there is need to look into the land requirement for coal mining corresponding to the requirement of UMPP vis-à-vis total land requirement for 40 MT.

The meeting ended with a Vote of Thanks to the Chair.

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Annexure

List of Participants

Sl. No.	Name & Designation	Organization
1.	Sh. Manjit Singh, Member(Thermal)	C.E.A
2.	Sh. V. K. Singh, Principal Secretary(E)	Govt. of Jharkhand
3.	Sh. S. K. Thakur, Chief Engineer I/C (TETD)	C.E.A
4.	Sh. P.D.Siwal, Director(TPI)	C.E.A
5.	Sh. Shivcharan Chhirolia, Dy. Director (TPI)	C.E.A
6.	Sh. Kamal Sethy, Asstt. Director(TPI)	C.E.A
7.	Sh. V.K. Bhalla, Consultant(PSPM)	C.E.A
8.	Sh, S. Majumdar, Under Secretary	MOP
9.	Sh. A. Chakravarti, ED(CLG)	PFC
10.	Sh. Kamlesh Menon, Manager	PFC
11.	Sh. S. C. Sharma, CE, RDPPC	JVVNL, Jaipur
12.	Sh. H. S. Saluja, Dy. CE	PSPCL
13.	Sh. Vikrant Saini, AEE	HPPC,UHBVN
14.	Sh. R. Nagpal, DGM(CMG)	PGCIL
15.	Sh. Alok Shrivastav, Assistant. Vice President	JIPL
16.	Sh. Balasubramaniam, Sr. Ex. Vice President	JIPL

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Annexure-10  
10<sup>th</sup> JMC

Record Notes of Discussions during the 10<sup>th</sup> Meeting of Joint Monitoring Committee for Tilaiya Ultra Mega Power Project (UMPP) held on 24.6.2013 in CEA, New Delhi

List of participants is enclosed at Annexure.

Chairman, CEA, welcomed all the participants. He stated that as per the discussions in the last JMC meeting, Jharkhand Integrated Power Ltd. (JIPL) was to pursue the issues relating to land acquisition with the concerned departments and Government of Jharkhand to facilitate for early handing over of government and forest land for the power plant and for expeditious processing the proposals for the land required for the coal blocks. He further stated that as per the status furnished by M/s. JIPL for the Month of May 2013, forest land (1219 acre) and Govt. land (855 Acre) for the Power plant is yet to be handed over to JIPL.

Thereafter he requested JIPL to give the progress on land acquisition, studies and investigation performed, status of financial closure, NTP to Main Plant Supplier and their plan to start of construction activities at site.

2. Jharkhand Integrated Power Limited (JIPL) started their presentation with the update on project, followed by the critical issues faced in the development of the project and later gave a detailed account of the progress achieved for Tilaiya UMPP.

### 2.1 Project update after 9<sup>th</sup> JMC

M/s JIPL reiterated that non availability of land in both power plant and coal mine area is hindering site development activities. They stated that:

- Coal Mine LA application was submitted in May 2011 and is still being considered by the Revenue dept. for issuance of Sec 4.
- Clarification has been sought by GoJ from MoEF on compensatory afforestation Land, pertaining to main plant forest land. Response form MoEF is still awaited.

- MoEF has communicated regarding re-conducting the public hearing for coal block owing to the various representations received by the Ministry.
- Project Information Memorandum submitted to SBI Capital and due diligence in progress; discussions are also in progress with other domestic and overseas banks for financing of the project.

## 2.2 Critical Issues

M/s. JIPL highlighted following critical issues faced in the progress of the project:

### a. Handing over of land for Power Station

JIPL expressed their concern on delay in handing over of Power Station land. As per clause 2.1.2A of the PPA, Power Station & water intake pipeline land was to be handed over by the procurers within 6 months of transfer of the project (Effective Date); however till date the required land has not been made available even after a lapse of 3½ years after the effective date (i.e. 7<sup>th</sup> Aug 2009). JIPL mentioned that as per the PPA, the Scheduled Date of Commissioning of the first unit of the Tilaiya UMPP is May 2015 and they were entitled for day for day extension of Scheduled Date of Commissioning due to non-fulfilment of Procurers' commitment. JIPL conveyed that due to delay in fulfilment of Procurers' commitment, Scheduled Date of Commissioning of Units shall undergo a corresponding change. JIPL shall be able to intimate the revised Scheduled Date of Commissioning only after achieving clarity on the fulfilment of Procurers' commitments.

### b. Availability of Forest Land

The Power Plant area of Tilaiya UMPP comprises of 1220 acres of forest land, final handover for which is pending with GoJ since November 2010. MoP had clarified that Tilaiya UMPP be treated at par with Central Government Undertaking Projects for the purpose of rules for compensatory afforestation under Forest Conservation Act. GoJ has sought further clarification from MoEF in this regard. Response from MoEF is awaited.



On this issue Principal Secretary (E), Govt. of Jharkhand informed that on 19th June, 2013 Chief Secretary was briefed about the entire matter.

Under Secretary, MoP informed that comments of Department of Economic Affairs in this regard, have been received & comments of Ministry of Law are awaited

c. **Land and R&R Cost**

JIPL conveyed its concern for the considerable increase in the Land and R&R cost to Rs. 3016 cr from Rs. 481 cr as indicated by PFC during pre bid stage. They intimated that two meetings have been convened by Principal Secretary (Energy), Govt. of Jharkhand to discuss this issue with the Procurers. JIPL stated the formula provided in Article 13.2 (a) does not fulfill the intent of the Article and does not allow the complete recovery of R&R cost. JIPL requested support from procurers, CEA and MoP for obtaining necessary approval for recovery of complete land and R&R cost to ensure viability of the project.

Principal Secretary (E), GoJ stated that Government of Jharkhand vide letter dated 07.06.2013 had sought opinion from CEA & PFC on the claim made by JIPL for the recovery of additional expenditures on account of land and R&R particularly data presented by JIPL. He further stated that a separate meeting has been convened on 8.07.2013 with the procurers at CEA to discuss the issue of increase in cost of land & R&R. He also requested Chairperson, CEA that it will be appropriate if CEA gives its views on the data provided by JIPL for the recovery of additional expenditure on Land and R&R.

JMC enquired about the land required for mining of 40 MTPA of coal vis-à-vis the land requirement for mining of 20 MTPA coal. JIPL informed that the Mining lease area of 2574 ha will remain same for both options. Similarly there would not be difference in infrastructure land requirement. However overburden dump land requirement for both options shall be different resulting in reduction of land requirement for 20 MTPA coal mining. It was decided that the opinion of CMPDIIL may be sought by Energy Department, GoJ on the land requirement for 40 MTPA vis-a vis 20 MTPA.

d. **Environmental clearance for Coal Block.**

JIPL stated that EIA study was completed in compliance to the TOR approved by MoEF (dated 29.07.2010). After conducting the Public Hearing on 16.05.2012, Jharkhand State Pollution Control Board (JSPCB) recommended the project for the Environmental Clearance and forwarded the proposal to MoEF for further consideration. The proposal was considered for Environment Clearance by Expert Appraisal Committee of MoEF on 18<sup>th</sup> September 2012. The requisite clarification to the queries raised by EAC in its meeting held on 18.09.2012 was submitted to MoEF. MoEF however vide letter No. J-11015/177/2010-IA.II (M) dated 15<sup>th</sup> March 2013 has communicated to re-conduct the public hearing citing the opinion from JSPCB. On the query by JMC, JIPL informed that one of the reasons to re-conduct the public hearing was that it was held outside the coal block area.

JMC requested JIPL to write to Govt. of Jharkhand to take up with MoEF to reconsider their decision regarding re-conducting of the public hearing.

e. **Processing of Mining lease application by State Mining Dept**

JIPL stated that application for Mining Lease was submitted in May 2010, however proposal is still pending with State Mining Department for onward submission to Ministry of Coal for securing prior approval. JIPL sought support for the approval of mining lease application.

f. **Notice to Procurers – Change in Law Intimation Notice under Article 13.3.1**

JIPL stated that it has notified the Procurers on various Changes in Law that has occurred after seven days prior to bid deadline and the impact on the project thereof. JIPL informed that a detailed notice has been served to all the Procurers listing all the Change in Law events.

**2.3 Studies & Investigation**

M/s JIPL conveyed that all major studies for the power plant like seismic study, topography study, bathymetry study, geo hydrological study, wildlife conservative study have been completed, with area drainage study(ash dyke area) and soil

investigation study in progress. The study report on dam strengthening is being finalized.

M/s JIPL informed that, it has submitted request to Divisional forest administration to allow the invasive studies in the Plant area, response of forest department is awaited.

#### **2.4 Coal Transportation Arrangement**

M/s JIPL informed that coal may be transported through IR network. M/s JIPL intends to transport coal upto Nawada/Katkamsandi station on Hazaribagh – Koderma line by Overland Conveyor (OLC) and then through Hazaribagh-Koderma railway line. Coal from Barhi station to power plant will be transported by dedicated railway siding which would be developed. They further intimated that Railways have not agreed to give any rebate on the capital investment to be made by JIPL on the 2<sup>nd</sup> track. JIPL further stated that alternatively they have explored the option of full length Overland Conveyor. Feasibility study and topographic survey of area has been completed. JMC requested JIPL to firm up the coal transportation system and take necessary action for land acquisition etc. in case it decides to have overland conveyor for the entire distance.

#### **2.5 EPC/BTG**

JMC enquired about the validity of EPC & BTG contract awarded by them to Reliance Infra and Shangai Elec Corp. respectively. M/s. JIPL informed that the EPC & BTG Contract is still valid. However due to delay in LA by almost three years contracts may undergo change.

#### **2.6 Project Financing**

M/s JIPL informed that Project Information Memorandum has been submitted to SBI Capital and due diligence process by SBI Caps is in progress. Discussions are also in progress with other domestic banks, financial institutions and overseas banks for financing the project. The ESIA/ESMP study to meet the IFC performance standards and the Escrow study to access revenue realization from procurer utilities has been completed.

## 2.7 Commissioning Schedule

Representative of PGCIL requested to JIPL give the anticipated revised commissioning schedule of Tilaiya UMPP so that they can plan their ATS as may have not yet prepared DPR. Principal Secretary, Govt. of Jharkhand requested PGCIL to wait for 2 – 3 months time to resolve the land acquisition issue. Chairperson, CEA requested PGCIL to prepare the DPR in the meanwhile.

## 3. Conclusions

Concluding the discussions, Chairperson, CEA requested JIPL to make concerted efforts in resolving the land acquisition and other issues as discussed. He also requested Principal Secretary (Energy), GOJ to facilitate to expedite the resolution of land acquisition issues at State Government Level. He requested that a Project review meeting may be convened at Ranchi to resolve the pending issues regarding land acquisition.

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

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List of Participants

S. No.	Name & Designation	Organization
1.	A.S. Bakshi, Chairperson	CEA
2.	Sh. Manjit Singh, Member(Thermal)	C.E.A
3.	Sh. V. K. Singh, Principal Secretary(E)	Govt. of Jharkhand
4.	Sh. M. S. Puri, Chief Engineer	CEA
5.	Sh. P.D.Siwal, Director(TPI)	C.E.A
6.	Sh. Shivcharan Chhirolia, Dy. Director (TPI)	C.E.A
7.	Sh. Kamal Sothy, Deputy Director(TPI)	C.E.A
8.	Sh. V.K. Bhalla, Consultant(PSPM)	C.E.A
9.	Sh, S. Majumdar, Under Secretary	MOP
10.	Sh. Madan Ranwa, SE, RDPPC	Rajasthan Discom
11.	Sh. S. P. Singh, AGM (T)	IPGCL
12.	Sh. H. S. Saluja, Deputy CE	PSPCL
13.	Sh. Ravi Bhusan, Resident Engineer	MP Power Management Co. Ltd.
14.	Sh. A. K. Vaish, GM, (CMG)	PGCIL
15.	Sh. Balasubramaniam, Sr. Ex. Vice President	JIPL
16.	Sh. Alok Shrivastav, Assistant. Vice President	JIPL
17.	Sh. Sandeep Somisetty, Assistant. Vice President	JIPL

मुख्य सचिव झारखण्ड की अध्यक्षता में अल्ट्रा मेगा पावर प्लांट, तिलैया के सम्बन्ध में दिनांक 17.10.2013 को सम्पन्न हुई बैठक की कार्यवाही:-

उपस्थिति - सूची संलग्न

तिलैया अल्ट्रा मेगा पावर प्रोजेक्ट के कार्य प्रगति के सम्बन्ध में मुख्य सचिव, झारखण्ड सरकार की अध्यक्षता में समीक्षात्मक बैठक आहूत की गई। बैठक के आरंभ में झारखण्ड इंटिग्रेटेड पावर लि0 (जे.आई.पी.एल) के पदाधिकारियों के द्वारा परियोजना की प्रगति के संबंध में विस्तृत जानकारी दी गई। बैठक में परियोजना में आ रही कठिनाईयों पर विन्धुवार चर्चा की गई जो निम्नवत है:-

1. जे.आई.पी.एल द्वारा अवगत कराया गया कि पावर प्लांट में 1220 एकड़ वन भूमि का स्टेज-2 क्लीयरेंस वन एवं पर्यावरण मंत्रालय, भारत सरकार से नवम्बर, 2010 में प्राप्त हो चुका है तथा उनके द्वारा लगायी गई सभी शर्तों का अनुपालन किया जा चुका है। वर्तमान में भू-हस्तांतरण की प्रक्रिया राज्य सरकार के स्तर पर लंबित है। बैठक में बताया गया कि वन विभाग, झारखण्ड सरकार के पृच्छा के आलोक में विद्युत मंत्रालय, भारत सरकार द्वारा पत्र समर्पित किया गया जिसमें यह स्पष्ट उल्लेख किया गया कि तिलैया अल्ट्रा मेगा पावर प्रोजेक्ट को भारत सरकार के उपक्रम के समकक्ष समझा जाय। जो सुविधा भारत सरकार के उपक्रम को देय है वही सुविधा इस परियोजना पर भी लागू होगी। अतः क्षतिपूर्ति वन भूमि की आवश्यकता नहीं है। वर्तमान में वन विभाग, झारखण्ड सरकार ने विद्युत मंत्रालय, भारत सरकार के पत्र के परिपेक्ष्य में वन एवं पर्यावरण मंत्रालय, भारत सरकार से मंत्रय गांगा है। मुख्य सचिव ने निर्देश दिया कि भारत सरकार से निर्णय के उपरान्त वन भूमि से संबंधित सभी मामलों का निष्पादन यथाशीघ्र किया जाय।
2. परियोजना पदाधिकारी ने अवगत कराया कि कोल ब्लॉक की रैंजिंग भूमि का आवेदन मई 2011 में समर्पित किया गया था। सेक्शन-4 एवं 6 नोटिफिकेशन की प्रक्रिया राज्य एवं भूमि सुधार विभाग के पास लंबित है।
3. जे.आई.पी.एल. ने बताया कि कोडरमा जिले में 543 एकड़ तथा हजारीबाग जिले में 866 तथा 167 एकड़ गैरनजरूआ भूमि पर अतिक्रमण है। विगत बैठक में निर्देश दिया गया था कि जिला स्तरीय कमिटी का शीघ्र गठन किया जाय। प्रधान सचिव, राजस्व एवं भूमि सुधार ने अवगत कराया कि जिला स्तरीय कमिटी का गठन किया जा चुका है, जिसकी अधिसूचना जारी कर दी गई है।
4. जे.आई.पी.एल. द्वारा अवगत कराया गया कि परियोजना का पुनर्वास एवं विस्थापन योजना का अनुमोदन मंत्रालय के दिनांक में लंबित है। मुख्य सचिव, झारखण्ड सरकार ने निर्देश दिया कि प्रधान सचिव, राजस्व एवं भूमि सुधार जे.आई.पी.एल. के साथ बैठक कर मामले का यथाशीघ्र निष्पादन करें। साथ ही उन्होंने निर्देश दिया कि यदि परियोजना के पुनर्वास एवं विस्थापन योजना झारखण्ड सरकार के पुनर्वास एवं विस्थापन नीति के अनुरूप है तो उसे फॉबिनेट के अनुमोदन की आवश्यकता नहीं है तथा इसका निष्पादन सचिव स्तर से ही किया जा सकता है।
5. कंरेडारी बी. सी. के खनन पट्टा का आवेदन जो भारत सरकार को पूर्वानुमति के लिए जाना है, राज्य सरकार के स्तर पर लंबित है। बैठक के क्रम में विमर्श किया गया कि कुछ खनन पट्टा के मामलों में ओभरलेपिंग है। मुख्य सचिव ने निर्देश दिया कि प्रस्ताव को ओभरलेपिंग ऐरिया के साथ ही पूर्वानुमति के लिए भारत सरकार को शीघ्र भेजा जाय। कालांतर में ओभरलेपिंग ऐरिया के लिए सुनवाई की प्रक्रिया राज्य स्तर पर पूर्ण कर ली जाएगी।

मुख्य सचिव तथा प्रधान सचिव, ऊर्जा विभाग ने इस बात पर बल दिया कि यह परियोजना राज्य सरकार एवं भारत सरकार के संयुक्त सहयोग से स्थापित होनी है तथा परियोजना के विलंब से राज्य सरकार का राजस्व की क्षति हो रही है। बैठक में यह भी बताया गया कि परियोजना के लिए भू-अधिग्रहण की जिम्मेदारी राज्य सरकार की है। मुख्य सचिव द्वारा संबंधित विभागों को निर्देश दिया गया कि लंबित मामलों का निष्पादन शीघ्रतया किया जाय।

बैठक सधन्यवाद समाप्त हुई।

ह०/-  
मुख्य सचिव  
झारखण्ड सरकार,  
रैची।

झारखण्ड सरकार,  
ऊर्जा-विभाग

ज्ञापक-1/अट्टामेगा-10-ऊर्जा-01/11 पार्ट-I-2018/

दिनांक-26-10-18/

Copy to-Shri Mukesh Jain, Jt. Secretary, Thermal, Ministry of Power, GoI, New Delhi / The Principal Secretary, Revenue and Land Reform, GoJ, Ranchi / The Principal Secretary, Mines & Geology Dept., GoJ, Ranchi / The Principal Secretary, Forest & Environment, GoJ, Ranchi / The Private Secretary to Chief Secretary, GoJ, Ranchi / The Private Secretary to Principal Secretary, Energy Dept., GoJ, Ranchi / The Personal Assistant to Special Secretary, Energy Dept., GoJ, Ranchi / Chairman, Jharkhand State Electricity Board, Ranchi /Chairman, Bihar State Electricity Board, Patna /Engineer-in-Chief, Thermal Designs, Patiala, Punjab /Managing Director, Paschimanchal Vidyut Vitran Nigam Limited, U.P. /Managing Director, Purvanchal Vidyut Vitran Nigam Limited, U.P. / Managing Director, Dakshinanchal Vidyut Vitran Nigam Limited, U.P. / Managing Director, Madhyanchal Vidyut Vitran Nigam Limited, U.P. /Managing Director, Kanpur Electric Supply Company Limited, U.P./Managing Director, Madhya Pradesh Power Trading Company Limited, M.P./Chief Engineer (commercial) Jaipur Vidyut Vitran Nigam Limited, Jaipur, Rajasthan /Managing Director, Ajmer Vidyut Vitran Nigam Limited, Ajmer, Rajasthan /Managing Director, Jodhpur Vidyut Vitran Nigam Limited, Jodhpur, Rajasthan /Managing Director, Uttar Haryana Bijli Vitran Nigam Limited, Panchkula, Haryana /Maharashtra State Electricity Distribution Company Limited, Mumbai /GM (commercial), Gujarat Urja Vikas Nigam Limited, Vadodra, Gujrat /Managing Director, North Delhi Power Limited, New Delhi /Senior Vice-President, BSES Rajdhani Power Limited, Nehru Place, New Delhi /COO, BSES Yamuna Power Limited, Karkardooma, New Delhi /Mr. A. Chakravarti, ED (CLG), M/s Power Finance Corporation Limited, New Delhi / Shri P.D. Siwal, Director, Central Electricity Authority, New Delhi /Shri Balasubramanian Natarajan, Director, Jharkhand Integrated Power Ltd., Ranchi /Mumbai for information and necessary action.

Special Secretary,  
Energy Deptt.

(15)



Annexure-12  
12<sup>th</sup> JMC

केन्द्रीय विद्युत प्राधिकरण  
Central Electricity Authority  
तापीय आयोजना एवं अन्वेषण प्रभाग  
TP&I DIVISION

OIC

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

No.230/Tilaiya-JMC/JH/CEA/2014 / ~~11466~~

Dated: 21/08/2014

1447-1468

Subject: Record Notes of discussions of the 12<sup>th</sup> Meeting of Joint Monitoring Committee to monitor the progress of Tilaiya Ultra Mega Power Project (6x660 MW).

A copy of record notes of discussions of the 12<sup>th</sup> Meeting of Joint Monitoring Committee to monitor the progress of Tilaiya Ultra Mega Power Project (6x660 MW) held on 08.07.2014 in CEA is enclosed.

Encl: As above

22/8/14

18  
Ltr Recd  
Received

21.08.2014  
(S.K.Mondal)  
Director  
Tele-fax - 011- 26171785

To: Shri S.K.G. Rahate  
Duzanda

Ph No. 2490053  
Shri Shrivastava  
21/8

- (i) Shri B. K. Tripathi, Principal Secretary (Energy), Govt. of Jharkhand, Nepal House, Ranchi, Fax No.0651-2491002, 0651-2490127
- (ii) Dr. Jaipal Singh, Member (E&C), CEA
- (iii) Shri S. N. Verma, CMD, Jharkhand Urja Vikas Nigam Ltd., Engineering Building, HEC, Dhurwa, Ranchi 834004
- (ii) Shri R. P. Gupta, Director, Finance, Pashchimanchal Vidyut Vitran Nigam Ltd. Victoria Park, Meerut. Fax No.0121-2666062
- (iii) Chief Engineer (Generation), Bihar State Electricity Board, Vidyut Bhavan Bailey Road, Patna-800001. Fax.No.0612-2504534/2504552
- (iv) Shri Gurdeep Singh, Managing Director, Gujarat State Electricity Corporation Ltd., Sardar Patel Vidhyut Bhavan, Race Course, Vadodara-07. Fax.No.0265-2344734/ 0265-2314019 Ph. 0265-6612010/11
- (v) Managing Director, Maharashtra State Electricity Distribution Co. Ltd., Mahavittaran, Hongkong Bank Building, M.G. Road, Fort, Mumbai 400 001 Fax No. 022-22619699
- (vi) Chief Engineer, Thermal Design, Punjab State Electricity Board, the Mall Patiala - 147001. Fax.No.0175-2303924, Ph.No.0175-2213038
- (vii) Managing Director, MP Power Trading Co. Ltd. Shakti Bhavan, Vidyut Nagar. Rampur Jabalpur - 482008, Mo. 09425324234, (FAX No.0761-2664749)



- (viii) Managing Director, Uttar Haryana Bijli Vitran Nigam Ltd. Shakti Bhavan, Sec-6, Panchkula-134109. Fax. No. 0172-3019100
- (ix) Shri, Davinder Singh, Executive Director (Planning), Ministry of Railways, 258, Rail Bhavan, New Delhi. Fax. No. 011-23383354, 23383720
- (x) Shri Yogesh Juneja, EVP (Unit#3), Power Finance Corporation Ltd., Urjanidhi, 1, Barakhamba Lane, Connaught Place, New Delhi - 110 001 Fax No.23412545.
- (xi) Executive Director (CMG), Power Grid Corporation of India Ltd. "Saudamni", Plot No.-2, Sector-29, Gurgaon-122001(Haryana); Fax No.0124-2571945, Ph.No.2571934
- (xii) Executive Director (ER), Power Grid Corporation of India Ltd, Regional Head Quarter (ERTS-I), 5th & 6th Floor, Alankar Place, Boring Road, Patna-800001(Bihar) Fax No.0612-2233512,
- (xiii) Chief Engineer (NPP & R), Rajashthan Rajya Vidyut Prasaran Nigam Ltd. Jaipur Fax. No. 0141-2740168
- (xiv) Shri S. P. Singh, DGM, Pragati Power Station, Pragati Power Corporation Ltd." IP Estate Ring Road , New Delhi . Fax.No.23379164. Mob 9717694904
- (xv) Director. Jharkhand Integrated Power Ltd. Dhirubhai Ambani Knowledge City, I Block, 2nd Floor, North Wing, Thane Belapur Road, Koparkhairane, Navi Mumbai- 400710. Fax. No. 022-30327699
- (xvi) Chief Engineer (SP&PA), CEA
- (xvii) Chief Engineer (PSPM), CEA
- (xviii) Chief Engineer (TPM), CEA

Copy for information to: -

1. Sh. R. N. Choubey, Additional Secretary, Min of Power, Shram Shakti Bhavan, New Delhi
2. Joint Secretary (Thermal), Min of Power, Shram Shakti Bhavan, New Delhi

**Record Notes of discussions of the 12<sup>th</sup> Meeting of Joint Monitoring Committee for Tilaiya UMPP held on 08.07.2014 in CEA, New Delhi**

- 1.0 The 12<sup>th</sup> Meeting of JMC for Tilaiya UMPP was held in CEA on 08.07.2014 to review the status of development of Tilaiya UMPP. List of participants is enclosed as **Annexure**.

Welcoming the Principal Secretary, (Govt. of Jharkhand) and other participants, Member (Planning), CEA expressed his concern that the project is already delayed very much and the committee would like to discuss the action taken on decisions of earlier meeting so as to avoid further delay of project. Principal Secretary, Govt. of Jharkhand while giving his opening remarks thanked CEA for organizing the meeting and stated that the project is not taking off primarily because of land issue, forest clearance of land, land acquisition and approval of R&R Plan. Member (Planning) requested the project developer, M/s Jharkhand Integrated Power Ltd. (JIPL) to indicate the progress of development of the Tilaiya UMPP subsequent to the last meeting held in October, 2013.

- 2.0 JIPL in their presentation highlighted the various critical issues faced in the development of the project. JIPL expressed their seriousness in developing the project and gave example of Sasan UMPP where out of 6 units, 4 units have been commissioned.
- 3.0 The main issues which were discussed in the last JMC Meeting held on 17.10.2013 at Ranchi and their update is given below:
- 3.1. Handing over of 1220 acres of Forest Land in the plant area which is pending at State Level.
  - 3.2. Notification under section 4 & 6 for Raiyati land for Coal Block area pending with the State Government since May, 2011.
  - 3.3. Approval of R&R Plan by State Revenue Department.
  - 3.4. Application of mining lease grant pending at State level and still to be forwarded for prior approval of the Central Government.

The developer intimated that till date no progress has been made in the above matters and are still pending at State Level.

**4.0 Project Viability:**

- 4.1 JIPL pointed out that at present the project has become unviable on two accounts. First, the cost of Land for Coal Mines (11000 Hectares) and the R&R issues has gone up manifold from Rs. 525 Cr to 6500 Cr. Secondly, the project is delayed due to non availability of land and cost of the project has gone up significantly. As the project is not viable, none of the lenders are coming forward to give loans. JIPL pointed out that it is not possible to hold the price line/tariff at the 2008 bid level which has become unviable. During this period the cost of input including land, steel, cement etc. has increased significantly

and rupee has also depreciated steeply against US\$ and other major currencies, thus making the project unviable at the tariff of 2008 bid level.

- 4.2 JIPL intimated that they have filed a petition in the Central Electricity Regulatory Commission (CERC) in Sept. 2013 for revision of tariff due to escalation in input cost which has resulted in an increase in EPC cost of the project. The commission has admitted the petition on 8<sup>th</sup> July, 2014.
- 4.3 Representative of JIPL intimated that as per the original commitment land for the power plant was to be handed over within six months of transfer of SPV. However, even after five years of transfer of SPV, no land for power plant has been transferred till date. The process for land acquisition of coal blocks is yet to be started. Further with the enactment of new Land Acquisition and Rehabilitation and Resettlement Act, 2013, it is anticipated that more time period will be required to complete the formalities for acquiring land thus leading to further delay and resulting in increase in the cost of land than what was indicated in the petition filed with CERC.
- 4.4 JIPL further pointed out that EPC/BTG contracts were awarded in August, 2010 to commence construction within 12 months. Financial Closure could not be achieved due to non-fulfillment of Condition Procedures by procurers as availability of power plant land and section 9 notifications for coal mine were committed by 07.02.2010 which are yet to be achieved. Due to non-availability of land, JIPL could not issue NTP to the contractor.
- 4.5 To a query by CE (TPI), JIPL informed that the Tilaiya UMPP was awarded to them being L-1 (Lowest Bidding) and the tariff was Rs.1.77 per unit.

#### **5.0 Deliberations by other Members of the Committee:-**

- 5.1 Representatives from Punjab, MP and Bihar were unanimously of the view, that Government of Jharkhand should make all out efforts for an early handing over of the land to project developers. Representative of Bihar, however, was of the view that it may not serve the purpose unless the project becomes viable.
- 5.2 Representative of PGCIL stated that they are in advance stage of bidding process for two numbers of transmission line for power evacuations. As such they need a clear cut time line for thermal power project development.

#### **6.0 Critical Issues:**

M/s JIPL stated that critical issues are handing over of Government and Forest land, approval of R&R Plan and forwarding of Mining Lease application to MOE&F environmental clearance for coal mine and achieving significant

progress for coal block land and revision of tariff by CERC to make the project viable.

6.0

**Conclusion:**

Concluding the discussions, Member (Planning), CEA requested the developer M/s JIPL to make all out efforts for early development of the project and coal block and keep CEA informed about the status. He assured that necessary action will be taken by CEA to expedite the pending issues. He requested Principal Secretary, Govt. of Jharkhand to take up the issues with respective State Departments. He assured that all the issues hampering development of project will be taken up with the State Govt. and all efforts will be made to resolve the same. It was decided that next JMC meeting to be held at Ranchi so that representatives of concerned State Departments may participate to facilitate early resolving the critical issues.

The meeting ended with vote of thanks to the Chair.

List of Participants

S. No	Name & Designation	Organization
1.	Sh. Major Singh, Member (Planning)	CEA
2.	Sh. B. K. Tripathi, Principal Secy., Energy	Govt. of Jharkhand
3.	Sh. S. N. Verma, CMD,	Jharkhand Urja Vikas Nigam Ltd.
4.	Sh. Amit Banerjee, Finance Controller	Jharkhand Urja Vikas Nigam Ltd.
5.	Sh. P. D. Siwal, Chief Engineer (I/c)	CEA
6.	Sh. S. K. Mondal, Director	CEA
7.	Sh. S. K. Thakur, Advisor	PFC/CEA
8.	Sh. C. P. Jain, Dy. Director	CEA
9.	Sh. Rahul Raj, Dy. Director	CEA
10.	Sh. K. Khemchandani, Dy. Director	CEA
11.	Sh. Santosh Kumar, Dy. Director	CEA
12.	Sh. Kamal Sethy, Dy. Director	CEA
13.	Sh. P. C. Hembram, Vice President	PFC Consulting Ltd.
14.	Sh. R. Nagpal, AGM	Power Grid
15.	Sh. H. S. Saluja, Dy. Chief Engineer,	Punjab State Power Corp. Ltd.
16.	Sh. Ravi Bhushan	MPPMCL
17.	Sh. Khagesh Chaudhary, R.E.	Bihar State Power Holding Co.
18.	Sh. Umang Anand, A.R.E.	Bihar State Power Holding Co.
19.	Sh. N. Balasubramanian	Reliance Power Ltd.
20.	Sh. Malvinder S. Soin, President Corp. Dev.	Reliance Power Ltd.
21.	Sh. M. L. Gupta, Sr. Vice President	Reliance Power Ltd.
22.	Sh. Alok Srivastav	Reliance Power Ltd.

13

Annexure 13

केन्द्रीय विद्युत प्राधिकरण  
Central Electricity Authority  
तापीय आयोजना एवं अन्वेषण प्रभाग  
TP&I DIVISION

13<sup>th</sup> JMC

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

No.230/Tilaiya-JMC/JH/CEA/2015/896

Dated: 24/04/2015

**Subject: Minutes of the 13<sup>th</sup> Meeting of Joint Monitoring Committee to monitor the progress of Tilaiya Ultra Mega Power Project (6x660 MW).**

A copy of Minutes of the 13<sup>th</sup> Meeting of Joint Monitoring Committee to monitor the progress of Tilaiya Ultra Mega Power Project (6x660 MW) held on 17.04.2015 at Ranchi is enclosed.

24/4/15  
(P. D. Siwal)

Chief Engineer

Tele-fax - 011- 26171785

Encl: As above

O/C

To:

- (i) Shri S. K. G. Rahate, Principal Secretary (Energy), Govt. of Jharkhand, Nepal House, Duranda, Ranchi, Fax No.0651-2491002, 0651-2490127
- (ii) Shri S. N. Verma, CMD, Jharkhand Urja Vikas Nigam Ltd., Engineering Building, HEC, Dhurwa, Ranchi 834004
- (ii) Shri R. P. Gupta, Director, Finance, Pashchimanchal Vidyut Vitran Nigam Ltd. Victoria Park, Meerut. Fax No.0121-2666062
- (iii) Chief Engineer (Generation), Bihar State Electricity Board, Vidyut Bhavan, Bailey Road, Patna-800001. Fax.No.0612-2504534/2504552
- (iv) Shri Gurdeep Singh, Managing Director, Gujarat State Electricity Corporation Ltd., Sardar Patel Vidhyut Bhavan, Race Course, Vadodara-07. Fax.No.0265-2344734/ 0265-2314019 Ph. 0265-6612010/11
- (v) Managing Director, Maharashtra State Electricity Distribution Co. Ltd., Mahavittaran, Hongkong Bank Building, M.G. Road, Fort, Mumbai 400 001 Fax No. 022-22619699
- (vi) Chief Engineer, Thermal Design, Punjab State Electricity Board, the Mall, Patiala - 147001. Fax.No.0175-2303924, Ph.No.0175-2213038
- (vii) Managing Director, MP Power Trading Co. Ltd. Shakti Bhavan, Vidyut Nagar, Rampur Jabalpur - 482008, Mo. 09425324234, (FAX No.0761-2664749)
- (viii) Managing Director, Uttar Haryana Bijli Vitran Nigam Ltd. Shakti Bhavan, Sec-6, Panchkula-134109. Fax. No. 0172-3019100

- (ix) Shri. Davinder Singh, Executive Director (Planning), Ministry of Railways, 258, Rail Bhavan, New Delhi. Fax. No. 011-23383354, 23383720
- (x) Sh. C. Gangopadhyaya, CEO, PFCCL, Power Finance Corporation Ltd., Urjanidhi, 1, Barakhamba Lane, Connaught Place, New Delhi – 110 001 Fax No.23412545.
- (xi) Executive Director (CMG), Power Grid Corporation of India Ltd. "Saudamni", Plot No.-2, Sector-29, Gurgaon-122001(Haryana); Fax No.0124-2571945, Ph.No.2571934
- (xii) Executive Director (ER), Power Grid Corporation of India Ltd, Regional Head Quarter (ERTS-I), 5th & 6th Floor, Alankar Place, Boring Road, Patna-800001(Bihar) Fax No.0612-2233512,
- (xiii) Chief Engineer (NPP & R), Rajashthan Rajya Vidyut Prasaran Nigam Ltd. Jaipur Fax. No. 0141-2740168
- (xiv) Shri S. P. Singh, DGM, Pragati Power Station, Pragati Power Corporation Ltd." IP Estate Ring Road , New Delhi . Fax.No.23379164. Mob 9717694904
- (xv) Director. Jharkhand Integrated Power Ltd. Dhirubhai Ambani Knowledge City, I Block, 2nd Floor, North Wing, Thane Belapur Road, Koparkhairane, Navi Mumbai- 400710. Fax. No. 022-30327699
- (xvi) Chief Engineer (SP&PA), CEA
- (xvii) Chief Engineer (PSPM), CEA
- (xviii) Chief Engineer (TPM), CEA

Copy for information to: -

1. Special Secretary(RNC), Min of Power, Shram Shakti Bhavan, New Delhi
2. Joint Secretary (Thermal), Min of Power, Shram Shakti Bhavan, New Delhi

Minutes of the 13<sup>th</sup> Meeting of Joint Monitoring Committee for Tilaiya UMPP held on 17.04.2015 at Ranchi, Jharkhand

- 1.0 The 13<sup>th</sup> Meeting of JMC for Tilaiya UMPP was held in Ranchi on 17.04.2015 to review the status of development of Tilaiya UMPP. List of participants is enclosed as **Annexure**.

The Principal Secretary, (Govt. of Jharkhand) welcomed the participants, expressed his concern that the project is already delayed and the committee would like to discuss the action taken on decisions of earlier meeting so as to avoid further delay of project. He stated that the main purpose of the meeting at Ranchi is to discuss the critical issues pending with various organizations including Govt. of Jharkhand for expediting the implementation of Tilaya UMPP.

Principal Secretary (Jharkhand) requested ~~JIPL~~ to explore the possibility to revise the unit size to 800 MW instead of 660 MW for better efficiency He then requested the project developer, M/s Jharkhand Integrated Power Ltd. (JIPL) to indicate the progress of development of the Tilaiya UMPP subsequent to the last meeting held in 08.07.2014.

JIPL in their presentation highlighted the various critical issues faced in the development of the project. JIPL expressed their seriousness in developing the project and gave example of Sasan UMPP where all the six units have been commissioned.

**2.0 Project Viability:**

Representative of JIPL intimated that as per the original commitment land for the power plant was to be handed over within six months of transfer of SPV. However, even after five years of transfer of SPV, no land for power plant has been transferred till date. [The process for land acquisition of coal blocks is yet to be started.]

- 2.1 JIPL intimated that they have filed a petition in the Central Electricity Regulatory Commission (CERC) in Sept. 2013 for revision of tariff due to escalation in input cost which has resulted in an increase in EPC cost of the project.
- 2.2 The representative of Punjab and Bihar submitted that all out efforts be made by all stakeholders for an early implementation of the project.

**3.0 Critical Issues:**

M/s JIPL stated that critical issues are handing over of Government and Forest land, approval of R&R Plan and forwarding of Mining Lease



application to MOE&F environmental clearance for coal mine and achieving significant progress for coal block land and revision of tariff by CERC to make the project viable.

#### 4.0 Conclusion:

4.1 Principal Secretary, Energy, Jharkhand directed the State Government Departments dealing with the land acquisition and forest clearance to expedite the ongoing process in a time bound manner. After discussions, the status of various issues are as follows:-

- a) Acquisition of 284 acre of private land is complete for Ash Dyke area in Koderma District.
- b) Also, for Ash Dyke area of 688 acre of Govt. land is required out of which proposal for 478 acre of GM land has been sent by DC for cancellation of illegal Jamabandi which will be done by end April, 2015. After cancellation, a fresh proposal will be required to be submitted by JIPL to DC, Koderma.
- c) For main plant area of Hazaribagh District it was submitted that proposal for transfer of 167 acres of GM Land, is expected to be accorded approval by the Revenue Deptt. by 30.04.2015.
- d) For main plant, acquisition process of 186 acre of private land has been completed.
- e) Regarding 1220 acre of forest diversion, it was informed by Forest Department that fixation of rate of forest land is under active consideration of the State Govt. Rate fixation is expected to be available by 30 April 2015. Immediately after that demand for the cost of land will be given to JIPL for payment, to be followed by release of land by Forest Dept. Land for CA has also been identified by Forest Dept. JIPL raised the issue of payment of twice the cost of forest land for which necessary clarifications have been sought by MoEF, GoI. JIPL was told to make the payment by 15.05.2015 against Forest Dept's demand subject to adjustment of the excess amount, if any, after MoEF&CC, GoI's clarification in the matter.
- f) Regarding forest diversion proposal of 27.29 acres of land, the proposal is pending for approval from State Advisory Committee. It was informed by Forest Department that the proposal was earlier sent to R.O. MoEF Bhubaneshwar which raised a query. Reply of the said query from the R.O. MoEF is under consideration of State Govt. The reply to the query will be sent to R.O. MoEF by 20.04.2015.
- g) Regarding 64 acres of land for approach Road corridor, the proposal has been processed at RCCF and pending to be forwarded to State Forest Dept. for onward submission to MoEF. It was informed by Forest Department that Nodal officer under F.C. Act,

Jharkhand has directed submission of geo-referenced map (shape file), uploading of proposal on web portal, submission of part IIIA by RCCF and comments relating to wildlife, vide his letter no. 254 dt. 15.04.2015. Compliance is pending on the part of JIPL.

- h) Regarding Ash Corridor Proposal of 5.105 Acres it is pending with District Revenue Department, Koderma. Proposal for 2.610 Acres is pending with District Revenue department, Hazaribagh. Application for 0.6 Acres of Forest Land submitted in Sep 2014 and currently with DFO, Koderma. It was informed by Forest Department that Online proposal has to be submitted by JIPL to the Nodal Officer, FC Act, Jharkhand. JIPL was told to do so immediately.
  - ✓ i) Regarding private land of 5948 acres pertaining to Coal Block Area, it was informed by Revenue Department that Application in revised proforma for the land acquisition under the new Act is to be submitted by JIPL. JIPL agreed to do so by 05.05.2015.
  - j) Regarding 866 acres land, it was informed by Revenue Department that Application in revised proforma for the land acquisition under the new Act is to be submitted by JIPL. JIPL agreed to do so by 05.05.2015.
  - ✓ k) Regarding Forest Land 4306 acres, it was informed by Forest Department that the proposal has been sent to MoEF & CC, GoI vide Forest Department letter no. 1583 dt. 24.03.2015 for Stage-I clearance.
  - l) Regarding R&R Colony, it was informed by Revenue Department that application in revised proforma for the land acquisition under the new Act is to be submitted by JIPL. JIPL agreed to do so by 05.05.2015.
  - ✓ m) Regarding Coal Corridor, the Forest Diversion proposal for 999.45 Acres of land was submitted at district Level. For Forest land JIPL is required to submit online application to Nodal officer FC Act Jharkhand by 15.05.2015 for diversion of the forest land.
  - n) It was pointed out to JIPL that the mining plan submitted by them for approval is more than what is actually needed for 4000 MW power plant and this is not as per the provisions contained in the PPA.
- 4.2 Regarding Mine Lease, Dept. of Mines & Geology, GoJ informed that Ministry of Coal, GoI has been requested to clarify whether JIPL is eligible to do coal mining in light of SC orders dt. 25.08.2014 & 25.09.2014 and the terms of coal block allocation of MoC. Reply from MoC is awaited. Further the mining allocation has become ineligible under Section 10 A(1) of Mines & Minerals (Development &

Regulation) Amendment Act, 2015. MoC is being informed for further direction.

- ✓ 4.3 Regarding Environment Clearance for Coal Block it was submitted by the Jharkhand State Pollution Control Board that the hearing was fixed on 02.03.2015 on which date the JIPL did not appear. Subsequently JIPL has requested JSPCB to re conduct the Public Hearing. JSPCB in consultation with District Administration may conduct the Public Hearing as per the extant procedure. It was replied by JSPCB that DC, Hazaribagh has been requested by JSPCB vide letter no. 599 dt. 15.04.2015 to fix another date for public hearing. JIPL stated that its modified EIA report is not ready. JIPL assured to submit its modified EIA report by 5.05.2015 after which JSPCB will write to DC Hazaribagh to fix another date for the public hearing.
- 4.4 The issue raised by JIPL regarding revision of tariff due to cost escalation, it was informed to JIPL that the matter does not fall under the ambit of JMC.

The meeting ended with vote of thanks.

दिनांक-17.04.2015 को आयोजित तिलैया पावर प्रोजेक्ट की  
समीक्षात्मक बैठक की उपस्थिति विवरणी

1. प्रधान सचिव, ऊर्जा विभाग
2. प्रधान सचिव, ऊर्जा विभाग, बिहार
3. सचिव, केन्द्रीय विद्युत प्राधिकरण
4. निदेशक, केन्द्रीय विद्युत प्राधिकरण
5. विशेष सचिव, खान एवं भूतत्व विभाग, झारखण्ड, रांची
6. विशेष सचिव, वन एवं पर्यावरण विभाग, झारखण्ड, रांची
7. उप सचिव, राजस्व एवं भूमि सुधार विभाग, झारखण्ड, रांची
8. सचिव, राज्य प्रदूषण नियंत्रण परिषद
9. महाप्रबंधक (जे.सी.पी.), पावर ग्रिड कॉरपोरेशन ऑफ इंडिया लिमिटेड, रांची
10. श्री कुलकर्णी, रिलायंस पॉवर लिमिटेड
11. श्री बालाजी, रिलायंस पॉवर लिमिटेड

F.No. 13016/4/2006-CA-I  
Government of India  
Ministry of Coal

New Delhi, 20th July, 2007.

To

The Chairman-cum-Managing Director,  
Power Finance Corporation,  
New Delhi

**Subject: Allocation of Kerandari 'B' & 'C' (972 MT) coal blocks in North Karanpura coalfield in the State of Jharkhand for Tilaiya Ultra Mega Power Project in the State of Jharkhand.**

Sir,

I am directed to refer to Secretary, Ministry of Power D.O. letter No. 12/19/2006-P&P dated the 10.04.2007 and to convey "in principle" approval of the Central Government to the working of Kerandari 'B' & 'C' coal block (972 MT) by M/s Jharkhand Integrate Power Limited (a wholly subsidiary of the Power Finance Corporation). The developer of the UMPP would finally be decided by the Government on the basis of tariff based competitive bidding. This allocation is being done subject to the conditions given hereunder:

- i) The coal produced from the above mines would be exclusively used in the Tilaiya Ultra Mega Power Project.
- ii) The allocatee will do coal mining in accordance with the provisions of the Coal Mines (Nationalisation) Act, 1973, the Mines and Minerals (Development & Regulation) Act, 1957, the Contract Labour (Regulation & Abolition) Act, 1970, all the mineral, environmental and labour laws along with other regulations governing coal industry. The allocatee shall abide by the extant policy of Ministry of Coal regarding allocation of blocks for captive use.
- (iii) The allocatee would do mining of coal from the allocated block in accordance with a mining plan approved by the Central Government.
- (iv) The mining lease will be executed between the State Government and the PFC or the developer, as the case may be, as per the provisions of the MMDR Act, 1957 and the rules framed there under.
- (v) The coal blocks will have to be developed in synchronization with power project. The commissioning schedule for the power project would be determined through the bidding process based on the time frame quoted by the selected developer. The milestones for development of coal blocks will be determined in consultation with PFC within one month from the date of award of project to the successful bidder.

CE(JIPL)

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Chairman T-UMPP 20/7/07  
D(HC) - T/UMPP 20/7

- (vi) The exploration of coal block shall be either through CMPDIL or under the direct supervision of CMPDIL. Prospecting license shall be applied for within three months of the date of conclusion of bidding process.
- (vii) The Company will use the middling generated in the process of washing for power generation i.e. the useable middlings/rejects generated during beneficiation shall be used captively by the allocatee. The modalities of disposal of surplus coal/ middling/ rejects, if any, would be as per the prevailing policy/ instructions of the Government at the relevant point in time and could also include handing over such surplus coal/ middlings/rejects to the local CIL subsidiary or to any person designated by it at a transfer price to be determined by the Government.
- (viii) The allocatee shall submit a bank guarantee i.e. equal to one year's royalty amount based on mine capacity as assessed by CMPDIL, grades of coal and the weighted average royalty within 3 months of award of project to the successful bidder. Subsequently, upon approval of the mining plan the bank guarantee amount will be modified based on the final peak rated capacity of the mine.
- (ix) 50% of the bank guarantee shall be linked to the milestones *(to be finalised in consultation with PFC)* set for development of captive block synchronous with the development of end use plant, and the remaining 50% to the guaranteed production. The bank guarantee shall be liable to be encashed in the following eventuality:
- (a) There shall be an annual review of progress achieved by an allocatee company. In the event of lapses, if any, in the achievements vis-à-vis the milestones set for that year, a proportionate amount shall be encashed and deducted from the bank guarantee.
- (b) Once production commences, in case of any lag in the production of coal/lignite, a percentage of the bank guarantee amount will be deducted for the year. This percentage will be equal to the percentage of deficit in production for the year with respect to the rated/peak capacity of the mine, e.g., if rated/peak capacity is 100, production as per the approved mining plan for the relevant year is 50 and actual production is 35, then  $(50-35)/100 \times 100 = 15\%$  will lead to deduction of 15% of the original bank guarantee amount for that year. The bank guarantee will be required until mine achieves the peak rated production. Upon exhaustion of the bank guarantee amount, the block shall be liable for de-allocation/cancellation of mining lease.
- (x) The allocatee shall ensure that the bank guarantee remains valid at all times till the mine reaches its rated capacity or till the bank guarantee is exhausted. Any lapses on this count shall lead to de-allocation/ cancellation of mining lease.
- (xi) No coal shall be sold, delivered, transferred or disposed of except for the stated captive mining purposes except with the previous approval of the Central Government.

(xii) Those of the above conditions relevant at the time of grant of mining lease shall be included as additional conditions in the mining lease in addition to any further conditions imposed by or agreed to by the Central Govt.

(xiii) The State Government at the time of seeking previous approval for the grant of mining lease shall submit a draft of the mining lease containing the above relevant conditions for vetting by the Central Govt. The final mining lease shall be as vetted/modified by the Central Govt. Any deviation from the vetted/modified draft shall render the mining lease deed *ab-initio* null and void and without effect.

2. Allocation / mining lease of the coal block may be cancelled, inter-alia, on the following grounds: -

- (a) Unsatisfactory progress of implementation of their end use power plant.
- (b) Unsatisfactory progress in the development of coal mining project.
- (c) For breach of any of the relevant conditions of allocation mentioned above.

3. The de-allocation/cancellation of mining lease shall be without any liability to the Government or its agencies, whatsoever. Any expenses incurred by the allocatee or any right or liability arising on the allocatee out of the measures taken by him shall solely be to his account and in no way be transferred to or borne by the Government or its agencies.

Yours faithfully,

  
(V.S. Rana)

Under Secretary to the Government of India

Copy to:

1. Secretary, Ministry of Power, Government of India
2. Chief Secretary, Government of Jharkhand, Ranchi.
3. Chairmen, CIL/CMD, CCL/CMD, CMPDIL.
4. Coal Controller/Office Folder.

f: 10

F.No. 13016/4/2006-CA-I  
Government of India  
Ministry of Coal

New Delhi, 20th August 2007.

To

✓ The Chairman-cum-Managing Director,  
Power Finance Corporation,  
New Delhi


Subject: Allocation of Kerandari 'B' & 'C' (972 MT) coal blocks in North Karanpura coalfield in the State of Jharkhand for Tilaiya Ultra Mega Power Project in the State of Jharkhand.

Sir,

I am directed to refer to your letter No. 03/SPV09/COAL-10/1/07 dated 14.08.2007 on the above subject and to say that the following changes may be noted:

|| 'M/s Jharkhand Integrate Power Ltd.' may be read as 'M/s Jharkhand Integrated Power Ltd.'

Yours faithfully,

  
(V.S. Rana)

Under Secretary to the Government of India

Copy to:

1. Secretary, Ministry of Power, Government of India
2. Chief Secretary, Government of Jharkhand, Ranchi.
3. Chairmen, CIL/CMD, CCL/ CMD, CMPDIL.
4. Coal Controller/Office Folder.

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SM (UMPP)

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JIPL /Termination- MoC BG Release / 2018 / 152

By Hand Delivery

17<sup>th</sup> August 2018

✓ **Additional Secretary**  
**& Chairman, Inter Ministerial Group**  
Ministry of Coal  
Government of India  
Shastri Bhawan, New Delhi – 110 001

Kind Attention: Shri Suresh Kumar, IAS

**Sub: Action items under Minutes of 38<sup>th</sup> Meeting of the Inter-Ministerial Group (IMG) held on 10.08.2018 - reg.**

**Ref: MOC's letter no. F. CAI-13018/3/2016-CAI (FTS-332020) dated 16.08.2018**

Dear Sir,

1. This is with reference to the minutes of the 38<sup>th</sup> Inter Ministerial Group (IMG) Meeting held on 10.08.2018 to review the issue of Bank Guarantee of prior allottee of Kerandari B&C coal block.
2. As desired at para 4 of the minutes of the said IMG meeting and as explained in the 38<sup>th</sup> IMG meeting, it is respectfully submitted that:
  - a) Kerandari B&C Coal Block was to be developed in synchronization with the power plant as per the coal block allocation letter dated 20.07.2007. A copy of the coal block allocation letter dated 20.07.2007 is attached as **Annexure-1** (Please refer para (v) of the said letter).
  - b) Development of Kerandari B&C Coal Block cannot be mapped with reference to standard development schedule of Ministry of Coal (MOC).
  - c) Development schedule for power plant and associated coal block is subject to fulfillment of Condition Subsequent by Procurers as per Article 3.1.2A of the Power Purchase Agreement (PPA).
  - d) Accordingly, considering synchronous development of coal block with respect to end use power plant, **the production of coal from the coal block was**

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envisaged in March 2015 i.e. 2 months prior to the Scheduled Commercial Operation Date of Unit No.1 (May 2015), which is 69 Months from the date of transfer of SPV as per the terms of the PPA.

- e) Consequent to failure of the Procurers to perform their obligations as per Article 3.1.2A of PPA, as noted at para 3 of the minutes of the said IMG meeting, the Scheduled Commercial Operation Dates stood deferred by a period of two years in accordance with the provisions of Article 4.5.1 read with Article 4.5.3 of the PPA. Accordingly, the first unit of the power project was to be commissioned by 07.05.2017 and the entire power project was to be commissioned by 07.05.2019. **Consequently, synchronized development of coal block would have entailed commencement of coal production in March 2017.**
- f) The synchronous schedule has been shared with MOC vide our letter dated 03.01.2014 in response to the Show Cause Notice of MOC dated 16.12.2013. A copy of the RPL's letter dated 03.01.2014 is attached as **Annexure-2** (please refer para 21 of the said letter).

3. As desired at para 5 of the minutes of said IMG meeting, we wish to humbly submit the following:

- a) **Milestone pertaining to Submission of Bank Guarantee:** The demand for submission of Bank Guarantee (BG) of Rs. 208.16 Crore was raised by MOC vide its letter dated 06.07.2010 and the BG was to be submitted within 30 days of the issue of the said letter. **Reliance Power Limited (RPL)** submitted the Bank Guarantee of Rs. 208.16 Crore dated 31.07.2010 to MOC, well within the stipulated 30-day period. **Thus there was no delay in submission of BG by RPL.** A copy of the MOC's letter dated 06.07.2010 is attached as **Annexure-3** and a copy of the BG dated 31.07.2010 is attached as **Annexure-4.**
- b) **Milestones pertaining to Mining Lease application and Submission of Mining Plan**
- i) As explained in the 38<sup>th</sup> IMG meeting, the submission of Mining Lease application and submission of Mining Plan is entirely dependent upon the availability of Geological Reports (GR).
- ii) **As regards availability of Geological reports (GR),** we would like to respectfully place on record the following:

- On transfer of SPV to RPL on 07.08.2009, RPL/JIPL, on 11.08.2009 (within 4 days of SPV transfer) requested CMPDI to intimate the cost of GR for Kerandari B&C Coal Block.
- CMPDI intimated the cost of GR to RPL/JIPL on 08.09.2009.
- RPL/JIPL deposited the cost of GR to CMPDI/MOC on 11.09.2009 (within 3 days of CMPDI's intimation of cost).
- The GR was made available by CMPDI vide letter no. CMPDIL/DG/0334/5388-89 dated 03.12.2009. A copy of the letter dated 03.12.2009 is attached as **Annexure-5**.
- **It is pertinent to mention that the critical aspects of GR, provided by CMPDI on 03.12.2009, underwent changes which included coal reserves, seam characteristics and the revised GR was finally made available in February 2010.**

iii) **Submission of Mining Lease application and Mining Plan**

- As explained above the revised GR was made available by CMPDI in February 2010, the application for Mining Lease was submitted on 07.05.2010 (~2 months after the receipt of the revised GR) and the Mining Plan was submitted on 09.06.2010 (~3 months after the receipt of GR).

✓ Keeping in view the synchronous development of coal mine w.r.t. end use power plant (refer para 21 of our letter dated 03.01.2014, placed at Annexure-2, intimating synchronous schedule) the mining lease application and mining plan were to be submitted on 7.06.2011 and 7.09.2011 respectively (i.e. 47 and 44 months prior to Scheduled Commissioning Date of Unit No. 1). **However, the same were achieved way ahead on 07.05.2010 and 08.06.2010 respectively (i.e. ahead by 13 and 15 months).** A copy of Form D dated 07.05.2010, acknowledging receipt of the Mining Lease application and a copy of the letter dated 08.06.2010, submitting the Mining Plan are attached as **Annexure-6 & 7**.

4. **In summary:**

- i) **Kerandari B&C Coal Block was to be developed in synchronization with the power plant as per the coal block allocation letter and the development of Kerandari B&C Coal block cannot be mapped with reference to standard development schedule of Ministry of Coal (MOC).**

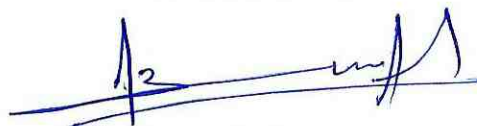
- ii) **There is no delay by RPL / JIPL in achievement of milestones pertaining to:**  
**(a) Submission of Bank Guarantee; (b) Mining Lease application; and (c)**  
**Submission of Mine Plan.**

5. Trust the above meets the information sought to be furnished by RPL as per the para 4 and 5 of the minutes of the said IMG meeting.

Thanking you,

Yours Sincerely,

For **Reliance Power Limited**



**Abrar Ahad**  
**Group Head Corporate Affairs**

**Enclosures:**

**Annexure-1** : Copy of MOC's Coal block allocation letter dated 20.07.2007

**Annexure 2** : RPL's reply dated 03.01.2014 to MOC's Show Cause Notice dated 16.12.2013

**Annexure 3** : Copy of MOC's letter dated 06.07.2010 for submission of BG

**Annexure 4** : Copy of the BG dated 31.07.2010 submitted by RPL

**Annexure 5** : Copy of CMPDI's letter dated 03.12.2009 making available GR to RPL

**Annexure 6** : Copy of Form D dated 07.05.2010 (receipt of the Mining Lease application)

**Annexure 7** : Copy of RPL's letter dated 08.06.2010 submitting the Mining Plan to MOC

**Copy:**

1. **The Joint Secretary, Ministry of Coal, Shastri Bhavan, New Delhi-110001.**
2. **The Director CBA-I, Ministry of Coal, Shastri Bhavan, New Delhi-110001**

# Jharkhand Integrated Power Limited

Annexure-16

Reliance Center  
19, Wanchand Hirachand Marg,  
Ballard Estate, Fort  
Mumbai 400 001

Tel: +91 22 3032 7372  
Fax: +91 22 3032 7699

3<sup>rd</sup> January 2014

Director  
Ministry of Coal  
Government of India  
Shastri Bhawan,  
New Delhi 110 001

शुभक  
अपि एव प्रेषण अनुमान  
का मंत्रालय, शास्त्री भवन  
दिल्ली-110001

Ah  
3/1/2014

Kind Attn: Shri SK Shahi

**Sub: Our Response to Show Cause Notice in respect of Kerendari 'BC' coal block allocated to Jharkhand Integrated Power Ltd for Tilaiya UMPP**

**Ref: Ministry of Coal letter No. 13016/49/2009-CA-I dated 16.12.2013**

Dear Sir

1. We are in receipt of the Show Cause Notice vide letter no. 13016/49/2009-CA-I dated 16.12.2013 regarding the development of Kerendari BC coal block being developed by Jharkhand Integrated Power Limited (JIPL).
- A. Background of Project
2. Kerendari BC coal block has been allocated to Jharkhand Integrated Power Limited vide allocation letter no. 13016/4/2006-CSA-I dated 20.07.2007 as captive coal block for 4000 MW power plant to be set up at Tilaiya in Hazaribagh district of the State of Jharkhand. The said power plant and the captive coal block together constitute Tilaiya Ultra Mega Power Project (Tilaiya UMPP).
3. As you are aware, Tilaiya UMPP is one of the Ultra Mega Power Projects (UMPPs) envisaged by the Govt. of India to achieve its objective of 'Power for All'. UMPPs are a joint initiative of Ministry of Power, Central Electricity Authority and Power Finance Corporation under the aegis of the Government of India. JIPL is special purpose company promoted by Power Finance Corporation (PFC) for implementing the Tilaiya UMPP.

# Jharkhand Integrated Power Limited

4. At the time of coal block allocation, JIPL was a wholly owned subsidiary of PFC, the nodal agency appointed by Ministry of Power for carrying out the developmental activities for the UMPPs.
5. JIPL, as a subsidiary of PFC, had entered into a Long Term Power Purchase Agreement (PPA) with the distribution utilities of 10 states committing to generate electricity using the coal from Kerendari BC coal block and to sell the electricity so generated to the electricity distribution licensees in the said 10 states.
6. PFC, acting on behalf of Ministry of Power, invited tariff bids under the International Competitive Bidding process for development of integrated project of 4000 MW power plant and coal mining from Kerendari BC coal block (Tilaiya UMPP). Reliance Power after quoting the most competitive tariff of Rs. 1.77 / kWh was selected as the developer of the project. The Special Purpose Vehicle, Jharkhand Integrated Power Limited, was transferred to M/s Reliance Power Limited on 7.8.2009.

## B. Coal Block development Timelines as per allocation letter

7. Condition No. (v) of Coal block allocation letter no. 13016/4/2006-CSA-I dated 20.7.2007 mandates that:

*"The coal blocks will have to be developed in synchronization with power project. The commissioning schedule for the power project would be determined through the bidding process based on the time frame quoted by the selected developer."*

8. Since the development of Kerendari BC Coal mine has to be synchronized with coal requirement of 4000 MW Tilaiya Ultra Mega Power Project, the development schedule of the coal block will be different from the standard development schedule of 48 months stipulated by the Ministry of Coal and the same will be aligned with the development schedule of the power plant.
9. Tilaiya UMPP, of which the Kerendari BC coal block is an integral part, is being developed as per the schedule of Power Purchase Agreement (PPA) signed between JIPL and Procurers. As per the PPA signed with Procurers, first unit of power plant is to be commissioned within 69 months and entire power project within 93 months from the Effective Date. The Effective Date is defined as the date of transfer of SPV to successful bidder, subject to timely performance by the Procurers of their obligations which include handing over of land and procuring clearances.

## C. Pertinent Clauses of Power Purchase Agreement related to coal block development

10. As per the PPA signed between Procurers and JIPL, the Procurers are responsible for the Land acquisition and clearances from MoEF for the project including the coal mine. The

# Jharkhand Integrated Power Limited

development schedule for the power plant and associated coal mine is subject to fulfillment of Conditions Subsequent by Procurers as per the PPA Clause no. 3.1.2A. The relevant Article (3.1.2A of PPA) is reproduced below for convenience:

Quote

3.1.2A The Procurers shall ensure that the following activities are completed within the time period mentioned below:

- A. Obtaining order of the Appropriate Commission adopting the Tariff under Section 63 of the Electricity Act, 2003, within six (6) months of the Effective Date (i.e. 7<sup>th</sup> Feb 2010).

Activity	Time for Completion
I. Ensure the completion of the following tasks: i. Handing over the possession of the land for the Power Station and water intake pipeline. ii. Issuance of notice under Section 9 of Land Acquisition Act in respect of land for coal mines and fuel transportation system. iii. Site clearance from Ministry of Environment and Forests ("MOEF") for the coal mines.	Within six (6) months from the Effective Date or eight (8) months from the date of issue of Letter of Intent, whichever is later.

Unquote

11. In case handing over of land by Procurers gets delayed, commissioning schedule of power plant is extended on day for day basis.
12. It is submitted that Condition Subsequent mentioned above have not been fulfilled by the procurers till date. There has been a delay of nearly 4 years in fulfillment of Conditions Subsequent by the Procurers, resulting in change in the commissioning schedule for power plant and coal mine development timelines.

#### D. Key Constraints in Coal Mine development

13. Application for land acquisition of coal block private land was submitted in February 2009 by PFC prior to transfer of SPV to Reliance Power, which was revised in May 2011 according to the approved Mining Plan. However for Coal Block, even after 2½ years of the submission of the revised application, Section 4 Notification for private land is yet to be issued despite continuous follow-up by JIPL.
14. Around 40% of total coal block land is forest land. Proposal for diversion of forest land was submitted by JIPL in May 2011 and has been pending with State Forest department, Government of Jharkhand. Government of Jharkhand has sought clarification from

# Jharkhand Integrated Power Limited

MoEF on treatment of Tilaiya UMPP with respect to schemes of Compensatory Afforestation. It is understood that Ministry of Power has referred the matter to Cabinet Committee on Investments (CCI) and the Project Monitoring Group (PMG) of Cabinet Secretariat of Government of India (Sl.No.: 574 /Project ID: CS3500067) and the same is pending.

15. It is to be noted that approximate 85% of main plant area (End Use Plant) is forest land. Stage II forest clearance was accorded in November 2010. In view of aforesaid clarification sought by Government of Jharkhand, final handing over of land is still awaited. JIPL is therefore not able to commence construction of Power Plant as well.
16. The mine lease application has been submitted to the District Mining Office in May 2010 and the same is pending with the State Mining Department, for prior approval of the Government of India. In spite of vigorous follow up/ several reminders/ persuasions by JIPL, there is not much progress in this regard.
17. Non-availability of land for coal block and power plant and pending clearances from MoEF and Govt. of India, have prevented JIPL from proceeding further on development of coal block and End Use Plant.

## **E. Efforts by Nodal Ministry (Ministry of Power) and Developer to expedite possession of land**

18. As per Power Purchase Agreement, responsibility of land acquisition is with Procurers. In view of nearly 4 years delay in fulfillment of Procurers' Obligations, JIPL has taken up the issue with Procurers, Government of Jharkhand and Ministry of Power to expedite the land availability by the Procurers. Details have been provided in **Annexure II**.
19. It may be appreciated that in the absence of availability of land for the project, construction work cannot be initiated.

## **F. Coal Block Development Milestones:**

20. In consideration of the condition (v) of coal block allocation letter that coal block development is to be synchronized with development of power plant, the standard development schedule of 48 months referred to in the show cause notice would not be applicable.
21. It may be observed in the table below that JIPL, on its part, has taken all possible steps to expedite the availability of inputs from the Procurers. All actions to be taken by JIPL, including filing the required applications, have been initiated well in time. However, the processing of the same, like the land acquisition and key clearances like the prior approval for mining lease etc, which are the responsibility of the Procurers and



# Jharkhand Integrated Power Limited

Government of Jharkhand, are taking more time. As you will appreciate, these are completely beyond the control of JIPL.

Notwithstanding that standard development schedule of 48 months is not relevant in the case of JIPL and Kerendari BC coal block and without prejudice, JIPL provides herein below the detailed time schedule for the development of the coal block as per the current PPA schedule:

Milestone	Scheduled Date of Completion as per MoC Standard timeline	Scheduled Date of Completion w.r.t development of Power Plant (End Use Plant) which is part of Tilaiya UMPP	Actual Date of Completion and Current Status	Slippage w.r.t. Schedule synchronized with End Use Plant (Yr-Months)	Remark/Reasons for delay
1. Purchase of GR	21.9.2009 (45 days)	21.9.2009	Payment made on 11.9.2009.  But GR made available by CMPDIL on 3.12.2009, which later was revised in Feb 2010.	No delay (Please refer Remarks)	Against the demand letter of CMPDIL dated 8.9.2009, the required DDs were sent on 11.9.2009. Hence there was no slippage by JIPL. But the GR was made available only on 3.12.2009, which was further revised. <u>The revised GR was received in February 2010.</u> Hence ZERO DATE should be considered as Feb 2010 as any action on the coal block is possible only after the receipt of valid and workable GR.
2. Submission of Bank Guarantee	7.11.2009 (3 months)	7.6.2011 (COD-47months)	27.7.2010 Completed	No Delay (Please refer Remarks)	MoC intimated BG amount vide letter no. 13016/1/2010-CA-I dated 6.7.2010. BG was submitted within one

# Jharkhand Integrated Power Limited

Milestone	Scheduled Date of Completion as per MoC Standard timeline	Scheduled Date of Completion w.r.t development of Power Plant (End Use Plant) which is part of Tilaiya UMPP	Actual Date of Completion and Current Status	Slippage w.r.t. Schedule synchronized with End Use Plant (Yr-Months)	Remark/Reasons for delay
					month from the receipt of letter from MoC.
3. Mining Lease Application	7.11.2009 (3 months)	7.6.2011 (COD-47months)	7.5.2010 Completed	Ahead by 13 months	Even with respect to MoC schedule, submission was almost on time considering the revised GR availability(i.e.Feb '10).
4. Mining Plan Submission	7.2.2010 (6 months)	7.9.2011 (COD-44 months)	9.6.2010 Completed	Ahead by 15 months	Even with respect to MoC schedule, submission was ahead by 1 month considering the revised GR availability(i.e.Feb '10). <b>See Note 2 of Annexure I for details</b>
5. Mining Plan Approval	7.4.2010 (8 months)	7.11.2011 (COD-42months)	29.10.2010 Obtained	Ahead by 13 months	Though the mine plan submission was done 1 month ahead, the process of approval by the Standing Committee took 2.5months more than the standard approval cycle. Approval was given after 2 meetings by the Standing Committee. <b>See Note 2 of Annexure I for details</b>
6. Previous Approval Application	7.6.2010 (10 months)	7.01.2012 (COD-40 months)	May 2010 Completed	Ahead by 20 months	Even with respect to MoC schedule, submission was ONE month before time.
7. Previous	7.7.2010	7.2.2012			In spite of submitting

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Milestone	Scheduled Date of Completion as per MoC Standard timeline	Scheduled Date of Completion w.r.t development of Power Plant (End Use Plant) which is part of Tilaiya UMPP	Actual Date of Completion and Current Status	Slippage w.r.t. Schedule synchronized with End Use Plant (Yr-Months)	Remark/Reasons for delay
Approval	(11 months)	(COD-39 months)			application 1 month ahead of time and fulfilling all requirements, and even after a lapse of about 3.5 years, the application is yet to be forwarded to MoC by the State Govt. Being pursued. <b>See Note 3 of Annexure I for details</b>
8. Forest Clearance Application	7.8.2010 (12 months)	7.3.2012 (COD-38 months)	9.5.2011 Completed	Ahead by 10 months	With respect to MoC schedule, submission was delayed by about 4 months considering the revised GR availability (i.e.Feb '10). But this 4 months delay could well be understood considering the size of the project and consequentially large requirement of land, the need to collate large land data etc. <b>See Note 4 of Annexure I for details</b>
9. Grant of Forest Clearance	7.2.2011 (18 months)	7.9.2012 (COD-32 months)			Understand that processing completed at GoJ. Awaiting certain clarifications from MoEF

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Milestone	Scheduled Date of Completion as per MoC Standard timeline	Scheduled Date of Completion w.r.t development of Power Plant (End Use Plant) which is part of Tilaiya UMPP	Actual Date of Completion and Current Status	Slippage w.r.t. Schedule synchronized with End Use Plant (Yr-Months)	Remark/Reasons for delay
					which is being pursued. <b>See Note 4 of Annexure I for details</b>
10. Environment Clearance Application	7.8.2010 (12 months)	7.3.2012 (COD-38 months)	5.4.2010 Completed	Ahead by 23 months	Completed ahead of schedule.
11. Environment Clearance	7.2.2011 (18 months)	7.9.2012 (COD-32 months)			Application considered by EAC in Sep 12. Further processing being pursued. JIPL had submitted the application for Environment Clearance on 5.4.2010, ahead of milestone schedule.
12. Mining Lease Grant	7.8.2011 (24 months)	7.3.2013 (COD-26 months)			To succeed the prior approval <b>See Note 3 of Annexure I for details</b>
13. Land Acquisition begin	7.5.2010 (9 months)	7.12.2011 (COD-41 months)	18.2.2009	Ahead by 22 months	Submitted ahead of schedule. The application was revised on 9.5.11 taking into account the details of mine plan approved.
14. Land Acquisition completion	7.2.2012 (30 months)	7.9.2013 (COD-20 months)			Being pursued. <b>See Note 5 of Annexure I for details</b>
15. Opening Permission	7.6.2013 (46 months)	7.01.2015 (COD-			



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Milestone	Scheduled Date of Completion as per MoC Standard timeline	Scheduled Date of Completion w.r.t development of Power Plant (End Use Plant) which is part of Tilaiya UMPP	Actual Date of Completion and Current Status	Slippage w.r.t. Schedule synchronized with End Use Plant (Yr-Months)	Remark/Reasons for delay
Application		4months)			
16. Opening Permission Grant	7.7.2013 (47 months)	7.2.2015 (COD-3months)			
17. Production	7.8.2013 (48 months)	7.3.2015 (COD-2 months )			The schedule COD of Unit 1 being revised based on the actual land availability. The coal mine development plan also will be synchronized with the end use plant as mandated in the coal mine allocation letter.
18. Reaching Peak Rated Capacity	7.8.2020	7.3.2022 COD Unit 1 + 82 months			

It is confirmed that the progress on the development of the coal mine is well within the requirement to suit the power plant development schedule and fulfill the objective.

G. Efforts taken by JIPL to expedite implementation of Tilaiya UMPP (coal block development & mining and setting up of power plant ):

22. In spite of the delay of almost 4 years by Procurers, JIPL has been taking all possible actions to further the progress of the coal block and setting up of power plant.

Action taken on some of the critical issues by JIPL are:

a) 4000 MW Power Plant:

Registered office: 7<sup>th</sup> Floor, Raheja Point-1, Jawahar Lal Nehru Marg, Vakola Market, Santa Cruz (East), Mumbai 400055

# Jharkhand Integrated Power Limited

- i. The EPC contract has been awarded for the execution of the 4000 MW Tilaiya UMPP in Aug 2010. During the same time the BTG has also been tied up.
  - ii. Engineering consultants have been tied up for doing detailed engineering.
  - iii. All approvals and clearances including the Environmental Clearance and Stage II Forest Clearance from MoEF are in place.
  - iv. Water allocation has been obtained from CWC, GoI for the full capacity.
- b) Kerendari BC Coal Block:
- i. The mine plan has been submitted and has been duly approved by the Ministry of Coal, Government of India after due consideration on 29<sup>th</sup> Oct 2010.
  - ii. Considering the state-of-the art technology to be employed at this coal mine and the scale of operations planned, the support of RWE, Germany who are the world leaders in similar technology/operations, has been tied up.
  - iii. The tendering for all the long lead heavy mining machinery has been done and the offers have been evaluated. Final order to the OEMs shall be placed post clarity on availability of land for the coal block.
  - iv. The core hole drillings have been completed and the core samples got tested by CMFRI.
  - v. All major studies have either been completed or are in the advanced stages of completion.
  - vi. Route survey for coal evacuation corridor has been completed and application of land acquisition for coal evacuation corridor has been submitted to district administration.
  - vii. The land for R&R colony has been identified and LA application submitted to state govt. The same is being processed for Section 4 notification.
  - viii. A reputed consultant has been appointed for designing the R&R colony and preliminary work on the same has been done.
  - ix. Construction Power supply application has been submitted to DVC on Feb 2012 and details are being worked out with DVC.

All required studies have been completed. Initiated discussions with financial institutions for achieving Financial Closure and initiated follow up action based on the outcome of the discussions. As part of measures to pursue the financial closure and implementation of

# Jharkhand Integrated Power Limited

Tilaiya UMPP, JIPL has also approached CERC for appropriately addressing effects caused by non fulfillment of Conditions Subsequent under PPA by Procurers. The petition filed by JIPL is pending before CERC.

The detailed status report is given in Annexure III.

In spite of best efforts, the land required for the power plant had been delayed by about 4 years due to reasons entirely beyond the control of JIPL. All out efforts are being put in to expedite the inputs so that the end use plant can be implemented at the earliest.

It will be evident from the foregoing that JIPL has taken all actions well in time and has been pursuing the development of coal mine block and power plant (end-use plant) with full vigour. But the delays experienced are due to reasons entirely beyond the control of JIPL. Also you will appreciate that JIPL has taken all possible actions which are under its control for developing both the coal block and the end use plant.

We would like to reaffirm our strong commitment to development of Kerendari BC Coal Block and the end use power plant most expeditiously.

We look forward to your continued support and guidance for timely and successful execution of the project.

Thanking You,

Yours Sincerely,

For Jharkhand Integrated Power Ltd

(Authorized Signatory)

Copy to:

The Coal Controller, Coal Controller Organisation, 1, Council House Street, Kolkata

# Jharkhand Integrated Power Limited

## Annexure I

### Note for the Coal Block Milestones

#### Note 1: Purchase of GR

Date	Details	Remarks
8 <sup>th</sup> August 2009	Letter to CMPDIL requesting for cost of GR	
8 <sup>th</sup> Sept 2009: Letter No CMPDI/DG/033.7/ dated	CMPDI intimated cost of GR CCL/CIL -Rs. 15,77,40,960 Gol - Rs 18,58,61,000	
15 <sup>th</sup> September 2009	Acknowledgment letter No. DG/CCL/Capmine/09/8327-30 received from CCL acknowledging the receipt of DD of Rs. 15,77,40,960	JJPL had submitted the demand drafts on 11 <sup>th</sup> September 2009
15 <sup>th</sup> September 2009	Acknowledgement by PAO, Ministry of Coal of receipt of DD of Rs. 18,58,61,000	
3 <sup>rd</sup> December 2009	Receipt of GR from CMPDI vide letter No. CMPDI/DG/033.4/5388-89	There were inconsistencies in GR and revised report received in February 2010

#### Note2: Submission/ Approval of Mining Plan

1. JJPL made payments for Geological Report in September 2009; however GR was received on 3<sup>rd</sup> December'2009 vide letter No. CMPDI/DG/033.4/53388-89, revised GR received in February 2010. Accordingly, the Mining Plan has been prepared and submitted to MOC, GOI on 9<sup>th</sup> June'2010 for approval.
2. Kerendari BC mine has been planned as largest capacity of mine in India with 40 Million Tonnes of coal production per annum. Difficult geo-mining conditions (12 seams, 11 major faults with upthrow up to 130 mt, steep gradient of upto 18<sup>o</sup>) and deployment of state of the art In-Pit Crushing and Conveying (IPCC) technology required additional due diligence to achieve highest efficiency from the mine.



# Jharkhand Integrated Power Limited

## Note 3: Mining Lease Application:

- a) Application submitted on 7th May 2010. Application pending with State Mining Department for onward submission to Ministry of Coal.
- b) Issue discussed during the review meeting by Hon'ble Chief Minister on 1<sup>st</sup> March 2012 and agreed to be sent to MoC immediately.
- c) Matter discussed during various review meetings by Chief Secretary on 15<sup>th</sup> Sep '11, 15<sup>th</sup> June 2012, 13<sup>th</sup> Dec 2012, 17<sup>th</sup> Oct 2013 and concerned officials were directed to forward the proposal to MoC for prior approval immediately.
- d) Letters send to Director Mines on 2<sup>nd</sup> May 2013 & 6<sup>th</sup> December 2013 to process the application.
- e) Taken up during Joint Monitoring Committee meetings, chaired by Member (Thermal)/CEA and Principal Secretary (Energy), Government of Jharkhand.
- f) Request put up to Project Monitoring Group under Cabinet Secretariat, Government of India (Sl.No.: 574 /Project ID: CS3500067)

## Note 4: Application / Grant of Forest Clearance:

Application for forest land was submitted on 10<sup>th</sup> May 2011. Forest land requirement could be finalized only after approval of Mining Plan, which was approved on 29<sup>th</sup> October 2010. Issue taken up during meetings to expedite the approval

- a) Matter discussed during various review meetings by Chief Secretary on 15<sup>th</sup> June 2012, 13<sup>th</sup> Dec 2012, 17<sup>th</sup> Oct 2013.
- b) Request put up to Project Monitoring Group under Cabinet Secretariat, Government of India (Sl.No.: 574 /Project ID: CS3500067)
- c) Taken up during Joint Monitoring Committee meetings, chaired by Member (Thermal)/CEA and Principal Secretary (Energy), Government of Jharkhand.

## Note 5: Application / completion of Land Acquisition

- a) Application was submitted on 18<sup>th</sup> February 2009, which was revised after approval of Mining Plan.
- b) Matter taken up during various meetings with State Government
  - a) Taken up during Joint Monitoring Committee meetings, chaired by Member (Thermal)/CEA and Principal Secretary (Energy), Government of Jharkhand.
  - b) Issue discussed during review meeting by Hon'ble Chief Minister on 1<sup>st</sup> March 2012 to expedite the process.
  - c) Matter discussed during review meetings by Chief Secretary on 11<sup>th</sup> September 2011, 15<sup>th</sup> June 2012, 13<sup>th</sup> Dec 12, 17<sup>th</sup> Oct 2013.
  - d) Request put up to Project Monitoring Group under Cabinet Secretariat, Government of India (Sl.No.: 574 /Project ID: CS3500067)

# Jharkhand Integrated Power Limited

## Annexure II

List of review meetings held and efforts of various ministries to expedite land acquisition and other approvals/ clearances.

Sl No	Forum	Chairman & Members/participants	Dates of Review
1	Joint Monitoring Committee (JMC)	Chaired by Member (Thermal), CEA and Principal Secretary (Energy), GoJ  Attended by representatives of all Procurers, Ministry of Power, Ministry of Railways, PGCIL, PFC	7.12.2009 11.05.2010 20.9.2010 18.2.2011 24.5.2011 20.9.2011 4.1.2012 27.8.2012 18.2.2013 25.6.2013
2	Chief Secretary's Review	Chaired by Chief Secretary, GoJ  Attended by Principal Secretaries/Secretaries of all related departments of GoJ, Joint Secretary, MoP, Chief Engineer, CEA, Rep of PFC	12.9.2011 15.6.2012 13.12.2012 17.10.2013
3	Chief Minister's Review	Chaired by Hon'ble Chief Minister, Jharkhand  Attended by Dy CMs, all heads of depts., GoJ	1.3.2012
4	Project Monitoring Group of Cabinet Secretariat	Chaired by Chief Secretary, GoJ  Attended by Addl Secretary, Cabinet Secretariat, Rep of MoP, all heads of depts., GoJ	30.8.2013

# Jharkhand Integrated Power Limited

## Annexure III

### Tilaiya Ultra Mega Power Project – End Use Plant Status

4000 MW Tilaiya Ultra Mega Power Plant is the End use Plant for Kerendari BC coal block. The TUMPP project execution is bound by the Power Purchase Agreement executed between Procurers and M/s. Jharkhand Integrated Power Limited. The Project is currently under development stage and land acquisition is in Progress. A detailed status of various developmental activities is presented below.

#### A. Land Acquisition

##### 1. Power Plant

Power Plant area (Main Plant and Ash dyke area including ash & water corridor and approach road) is spread across a total of 2,524 acres of land. The land acquisition status for the power plant area is detailed as under:

#### 1.1 Main Plant: (Forest Land: 1220 Acres (overlapping with 167 acres of Government land), Private land : 186 acres):

- i. **Private Land:** Land has been acquired as per LA Act 1894.
- ii. **Forest Land:** Stage II (final) forest clearance from MoEF has been received for the entire forest land of 1,220 acres on 15<sup>th</sup> November 2010. However before transfer of land to Project Proponent, Government of Jharkhand has sought clarification from MoEF regarding treatment of project with respect to schemes of Compensatory Afforestation.

It is understood that Ministry of Power has referred the matter to Cabinet Committee on Investments (CCI) and the Project Monitoring Group (PMG) of Cabinet Secretariat of Government of India (SI.No.: 574 /Project ID: CS3500067) and the same is pending.

- iii. **Government Land:** Proposal for leasing of land is pending with State Revenue Department, Jharkhand. During various project review meetings by

# Jharkhand Integrated Power Limited

Chief Secretary as well as Joint Monitoring Committee meetings, the State Govt. was requested to expedite and facilitate completion of handing over of land to JIPL.

## **1.2 Ash Dyke: (Private land : 284 acres, Government land: 688 acres):**

- i. **Private Land:** Land has been acquired as per LA Act 1894.
- ii. **Government Land:** Proposal pending with Government of Jharkhand.

As per Clause no. 3.1.2.A (B) of PPA Land Acquisition and handing over of land for Power Station is the Principal obligation of the Procurers and was scheduled to be completed by Procurers by 7<sup>th</sup> February 2010. However, JIPL is yet to receive the possession of the entire land of the End use Project – TUMPP.

## **B. Major Clearances and Approvals**

- a. Water allocation obtained from Central Water Commission (DVRRC Unit) on 10 May 2007
- b. Long term Power Purchase Agreement is signed with 10 states.
- c. Environment Clearance from MoEF obtained in April 2008 and has been renewed in October 2013.
- d. Final clearance for diversion of forest land has been accorded by MoEF on 15th Nov 2010. Final transfer pending with Govt. of Jharkhand
- e. Defence Clearance obtained on 17 Nov 2008
- f. Chimney Height Clearance obtained from AAI and renewed in Feb 2012
- g. To provide green energy and preservation of environment, the company would be employing supercritical technology. The company had applied for registration with United Nations Framework Convention for Climate Change (UNFCCC), to receive Clean Development Mechanism benefits. The same has been registered with the UNFCCC. The project shall generate 2.14 million CERs per annum during operation phase.
- h. DVC has accorded its consent to provide power during construction of the project.



# Jharkhand Integrated Power Limited

## **C. Studies:**

- a. All major studies for the power plant like seismic study, topography study, bathymetry study, geo hydrological study, ODC & OWC Logistics study, wildlife conservative study have been completed.
- b. Socio Economic Study has been completed and R&R Action Plan has been Submitted to district administration for approval
- c. Water intake point and water corridor route have been finalized.
- d. Fuel transportation route has been finalized and land application submitted to State Govt
- e. Other site specific studies such as Area Drainage, Soil Testing, geo technical study etc are in advanced stage of completion.

## **D. Engineering Procurement & Construction:**

- a. Engineering Procurement & Construction Contract has been signed to commence the Construction. JIPL is awaiting the availability of land for power plant area.
- b. Engineering consultants appointed to take up detailed engineering.

## **E. Financing:**

- a. JIPL is in discussion with domestic and international banks and financial institutions for funding the project.  
Project Information Memorandum for the project has been finalized and circulated to banks.

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SPEED POST 216

No. 13016/49/2009-CA-I

Government of India  
Ministry of Coal

.....  
New Delhi, the 17<sup>th</sup> December, 2013

To,

**M/s. Jharkhand Integrated Power Limited**  
I-Block, 2<sup>nd</sup> Floor, North Wing,  
Dhirubhai Ambani Knowledge City,  
Thane Belapur Road, Koparkhairane,  
NAVI MUMBAI-400710.

**Subject : Show Cause Notice to M/s Jharkhand Integrated Power Limited in respect of Kerandari 'B' & 'C' coal blocks - regarding.**

Sir,

I am directed to refer to this Ministry's letter No. 13016/4/2006-CA-I dated 20<sup>th</sup> July, 2007 conveying allocation of Kerandari 'B' & 'C' coal block by M/s Jharkhand Integrated Power Limited (a subsidiary of the Power Finance Corporation) subject to certain conditions.

2. In order to expedite the development of the coal block, review meetings were held from time to time. In the review meeting held on 11/12.01.2012, it was noticed that the progress of the Kerandari 'B' & 'C' coal block allocated to the company is not satisfactory. Committee expressed concern over unsatisfactory progress and advised M/s Jharkhand Integrated Power Limited to expedite the development of the coal block. Accordingly, an advisory letter dated 26<sup>th</sup> April, 2012 was issued to the company with the direction to expedite the development of the coal block and development of end use plant so as to ensure expeditious production of coal from the allotted coal block with respect to the milestones stipulated.

3. In the meantime, the Government constituted an Inter-Ministerial Group (IMG) on 21.06.2012 under the Chairpersonship of Additional Secretary (Coal), Ministry of Coal having members from Ministry of Power, Ministry of Steel, Ministry of Commerce & Industry, Department of IPP, Ministry of Law and Justice, Department of Legal Affairs, Department of Economic Affairs. The IMG has the mandate to review the progress of development of allocated coal blocks and associated end use projects and to recommend action including de-allocation, if required. IMG in its 19th

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Meeting held on 25.06.2013 *inter alia* considered the status of the development of the Kerandari 'B' & 'C' coal block prepared by the Coal Controller's Organisation (CCO) as on March, 2013 and noted that no significant progress has been made by your company towards development of coal block. It has been noticed that a number of important/critical milestones are pending. The details of milestones to be achieved and the time lapsed against each milestone, as reported by the Office of Coal Controller, are given in the table below :-

Mile Stones	Schedule date of Completion	Actual date of Completion	Slippage in YY/MM (as on Mar.13)	Remarks	Special Observation
Purchase of GR	21.9.2009 (45 days)	3.12.2009	3 Months		
Submission of Bank Guarantee	7.11.2009 (3 months)	5.8.2010	9 Months		
Mining Lease Application	7.11.2009 (3 months)	7.5.2010	6 Months	ML 4500 Ha	
Submission of Mining Plan	7.2.2010 (6 months)	9.6.2010	4 Months		
Approval of Mining Plan	7.4.2010 (8 Months)	29.10.10	6 Months		
Application of Previous approval	7.6.2010 (10 Months)	Pending	2Yrs 9 Months	ML application is pending with State Govt.	
Granting of Previous approval	7.7.2010 (11 months)	Pending	2 Yrs 8 Months		
Application of Forest clearance	7.8.2010 (12 months)	10.5.2011	9 Months	State Forest Deptt. has recommended the proposal to State Govt for onward transmission to MOEF.	
Grant of Forest Clearance	7.2.2011 (18 months)	Pending	2 Yrs 1 Month		

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Application EMP Clearance	7.8.2010 (12 months)	5.4.2010	-	MOEF presentati on done.	
Grant of EMP Clearance	7.2.2011 (18 months)	Pending	2Yrs 1 Month		
Grant of Mining Lease	7.8.2011 (24 months)	Pending	1Yrs 7 Months		
Application of Land Acquisition	7.3.2011 (9 months)	18.2.2009	-		Total Land: 4500 Ha. Pvt. Land: 2407 Ha. Govt. land: 350.50 Ha. Forest Land: 1742.5 Ha.
Completion of Land Acquisition	7.8.2012 (30 months)	Pending	4Yrs 7 Months		
Application for opening permission	7.12.2012 (46 months)	Pending	3 Months		
Grant of Opening permission	7.1.2013 (47 months)	Pending	2 Months		
Coal Production	7.2.2013 (48 Months)	Pending	1 Month	OC mine with forest land.	Require to expedite the project by Developer.

Keeping in view the unsatisfactory progress, IMG recommended issue of show cause notice for delay in development of coal block. The recommendation of IMG has since been considered and accepted by the Government.

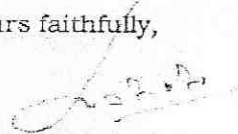
4. Under the above circumstances, you are hereby called upon to show cause, on each milestone separately to this Ministry within a period of 20 days from the date of issue of this show cause notice as to why the delay in the development of the coal block should not be held as violation of the terms and conditions of the allocation of Kerandari 'B' & 'C' coal block and why the block should not be de-allocated failing which it would be presumed that the your company has no explanation to offer and action as appropriate would be taken against your company for de-allocation of the said coal block.



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5. You are also requested to furnish a detailed status note on the progress of end use plant(s) (EUPs) for which the above mentioned coal block was allocated to you.

Yours faithfully,

  
[ S.K.SHAHI ]  
Director  
Tel.23382807

COPY TO :-

- (i) The Coal Controller, Coal Controller Organisation, 1- Council House Street, Kolkata.
- (ii) NIC, Ministry of Coal for uploading the letter on Ministry's website.

~~Annexure 18~~

523  
1/5 Annexure-18

Speed Post

☎ : 2248-9612 to 16  
Fax : 2248-2459  
E-mail : coalcont-wb@nic.in

No. CC/MCBA/ 102/46/2012/22  
GOVERNMENT OF INDIA  
MINISTRY OF COAL  
OFFICE OF THE COAL CONTROLLER  
1, Council House Street, Kolkata - 700 001.

Dated, the 23<sup>rd</sup> June, 2016

To  
Shri Rishan Ryntathieng  
Under Secretary (CA-I),  
Ministry of Coal, Shastri Bhawan,  
New Delhi-110 001

Sub: Calculation for BG deduction amount as per standard milestones chart in respect of Kerandari B & C coal block – reg.

Ref: MoC's letter No. 13016/49/2009-CA-I (Part-I) dated 28.04.2016

Sir,

In reference to the above, I am directed to furnish calculation for BG deduction in respect of Kerandari B & C coal block for non-achievement of milestones set for development of the said block by JIPL/RPL. The calculation is made based on the latest status report submitted by the company vide its letter No. NIL dated 18.10.2014.

Please find enclosed herewith the same for your perusal and necessary action if agreed, at your end please.

Encl: As stated.

Yours faithfully,

K. P. Chatterjee  
23/06/2016  
OSD (Project)  
CCO (HQ), Kolkata

7-16  
(CA-3)  
11/7/16

**Coal Controller Office, Kolkata**  
**Updated Status of Coal Block as on September, 2014**  
**(As per Status report submitted by the company)**

1. Name of Company:- Jharkhand Integrated Power Ltd
2. Name of Coal Block:- Kerandari BC (Jharkhand UMPP)
3. Name of Owner/Address:- The Director, Dhirubhai Ambani Knowledge City, Thane Belapur, Koparkhairane, Navi Mumbai-400 710
4. Date of Allocation:- 07.08.2009
5. Location: North Karanpura, Jharkhand
6. Project cost :- NA
7. Total investment made Cr (As per CA report) :- 69.59 Crs (upto Sept.14)
8. Reserve (Mill tonnes):- 916.52 (Geological)
9. Mineable Reserve:- 834.65 MT
10. Yearly rated capacity (MTPA):- 40 MTPA
11. Grade of coal:- B-G
12. Cost of GR:- Rs. 34.36crore
13. BG Amount :- Rs. 208.16 Cr. (BG valid upto 31.07.2016)
14. Type of EUP:- UMPP
15. Location of Project:- Jharkhand
16. Capacity of Project:- 3960 MW
17. Explored/Un explored:- Explored
18. Type of Mine:- OC
19. Zero Date:- 7.8.2009 (As per block allocation letter)
20. **Previous Recommendation, if any:-** Issue related to GO/NO Go categorization and UMPP project allocated to PFC as per decision of review meeting dated 11/12.1.2012.

Mile Stones	Schedule date of Completion	Actual date of Completion	Slippage in YY/MM (as on Sep'14)	Remarks	Special Observation
Purchase of GR	21.9.2009 (45 days)	3.12.2009	2 Months 13 days		
Submission of Bank Guarantee	7.11.2009 (3 months)	5.8.2010	9 Months		
Mining Lease Application	7.11.2009 (3 months)	7.5.2010	6 Months	ML 4500 Ha	
Submission of Mining Plan	7.2.2010 (6 months)	9.6.2010	4 Months		
Approval of Mining Plan	7.4.2010 (8 Months)	29.10.10	6 Months		
Application of Previous approval	7.6.2010 (10 Months)	07.05.2010	Advance		

Kr. Sanku -  
23/06/16

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23/06/16

Granting of Previous approval	7.7.2010 (11 months)	Pending	4 Yrs 2 Months	Proposal under review by State Govt.	Delay at State Govt.
Application of Forest clearance	02.03.2012 (Considering Go/No Go Categorization)	09.05.2011		As per OM No. 13011/2/2011-CA-I dated 02.03.2012, scheduled date for application for application of Forest Clearance is considered as 02.03.2012	
Grant of Forest Clearance	7.2.2011 (18 months)	Pending	3Yrs 7 Months		
Application EMP Clearance	7.8.2010 (12 months)	5.4.2010	Advance	MOEF presentation done.	
Grant of EMP Clearance	7.2.2011 (18 months)	Pending	3Yrs 7 Months		
Grant of Mining Lease	7.8.2011 (24 months)	Pending	3Yrs 1 Month		
Application of Land Acquisition	7.3.2011 (19 months)	18.2.2009	Advance		
Completion of Land Acquisition	7.8.2012 (36 months)	Pending	2Yrs 1 Month		
Application for opening permission	7.12.2012 (40 months)	Pending	1 yr 9 months		
Grant of Opening permission	7.1.2013 (41 months)	Pending	1 yr 8 months		
Coal Production	7.2.2013 (42 Months)	Pending	1 yr 7 months	OC mine with forest land.	Require to expedite the project by Developer.

K. P. S. Reddy  
23/06/16

*[Signature]*  
23/6/16

*[Signature]*  
23.06.16

*[Signature]*  
23/06/16

*[Signature]*

## Calculation of Deduction of BG

- |                         |                                      |
|-------------------------|--------------------------------------|
| 1. Name of Company:-    | M/s. Jharkhand Integrated Power Ltd. |
| 2. Name of Coal Block:- | Kerandari BC                         |
| 3. Date of Allocation:- | 07.08.2009                           |

As per condition of the allocation letter, BG is 50% linked to production in case of any lag in the production of coal, a percentage of BG amount will be deducted for the year. This percentage will be equal to the percentage of deficit in production for the year with respect to peak rated capacity of the mine.

As per status report for quarter ending Sept, 2014 submitted by the company, Grant of Forest Clearance and Mining lease are pending at Central/ State Govt. level. **Hence it may not be feasible to deduct any BG amount on account of lagging of production.**

50% BG related to lagging of production. i.e, 50% of Rs. 208.16 Cr = Rs. 104.08 Cr.

Amount of BG to be deducted on (production lagging) =NIL

**BG deduction on the basis of achievement of Mile stone**

Sl No.	Mile Stones	Weight (in %)	Actual Status	Marks obtained	Remarks
1	Purchase of GR	5	Completed	5	
2	Submission of Bank Guarantee	8	Completed	5.6	30% deduction for 9 months delay
3	Mining Lease Application	7	Completed	5.6	20% deduction for 6 months delay
4	Submission of Mining Plan	10	Completed	9	10% deduction for 4 months delay
5	Approval of Mining Plan	10	Completed	10	6 months delay at Govt. level
6	Application of Previous approval	6	Completed	6	
7	Granting of Previous approval	5	Not Completed	5	Delay at Central Govt. Level
8	Application of Forest clearance	8	Completed	8	Scheduled date is considered as 02.03.2012
9	Grant of Forest Clearance	5	Not Completed	5	Delay at MOEF level
10	Application EMP Clearance	8	Completed	8	
11	Grant of EMP Clearance	5	Not Completed	5	Delay at MOEF level

Kr. Reddy  
23/06/16

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12	Grant of Mining Lease	5	Not Completed	5	Delay at Govt. level
13	Application of Land Acquisition	8	Completed	8	
14	Completion of Land Acquisition	4	Not Completed	4	Delay at State Govt. level
15	Application for opening permission	2	Not Completed	2	Delay due to not obtaining of ML
16	Grant of Opening permission	2	Not Completed	2	-do-
17	Production	2	Not Completed	2	-do-
	TOTAL	100		95.2	

**Total Bank Guarantee amount: 208.16 Cr.**

A= 50% of BG =104.08 Cr.

Score obtained for achieving of mile stone = 100 %

B=Score obtained for not achieving of mile stone = (100-95.2) =4.8%

**BG to be deducted for not achieving Milestones = A x B = 104.08 x 4.8%= Rs. 4.99584 crore**

**Total amount of BG to be deducted on (production lagging + Milestones slippage) = Rs. 4.99584 crore**

K. Reddy  
23/06/16

23/06/16

23/06/16

23/06/16

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**BY SPEED POST**

No.13016/49/2009-CA-I  
Government of India  
Ministry of Coal  
\*\*\*\*\*

Shastri Bhawan, New Delhi  
Dated : the 28<sup>th</sup> April, 2016

To,

(19) *Shan*  
*29/4/16*

**Shri Anjani Kumar,**  
Coal Controller,  
Coal Controller Organisation,  
1, Council House Street,  
Kolkata -700 001.

**Subject : Calculation of BG deduction amount as per standard milestones chart in respect of Kerandari B & C coal block - reg.**

Sir,

I am directed to refer to the subject mentioned above and to say that it has been decided by this Ministry to place the issue of deduction/release of BG submitted by Reliance Power Ltd. (RPL)/Jharkhand Intergated Power Ltd. (JIPL) in respect of Kerandari B & C coal block before the Inter-Ministerial Group in its next meeting.

2. In view of the above, CCO is requested to furnish calculations for BG deduction in respect of Kerandari B & C coal block for non-achievement of milestones set for development of the said coal block by the JIPL/RPL. The BG deduction calculation be made as per the standard milestones chart set for development of coal blocks. The calculation may kindly be furnished to this Ministry at the earliest.

Yours faithfully,



[ **RISHAN RYNTATHIANG** ]

Under Secretary to the Government of India  
Tel : 23073936

*etc*

*Annexure 19*  
Immediate

No.13016/1/2010-CA-I  
Government of India  
Ministry of Coal

New Delhi-1, the 6<sup>th</sup> July, 2010

To

The Director  
M/s Jharkhand Integrated Power Limited  
I-Block, 2<sup>nd</sup> Floor, North Wing,  
Dhirubhai Ambani Knowledge City,  
Thane Belapur Road, Koparkhairane,  
Navi Mumbai- 400 710.

**Subject:- Submission of Bank Guarantee for Kerandari B& C coal block  
allocated to M/s Jharkhand Integrated Power Ltd., SPV of  
Jharkhand , UMPP.**

Sir,

I am directed to refer to this Ministry's allocation letter no. 13016/4/2006-CA-I  
dt. 20.07.2007 and to your letter no. nil dated 13 April, 2010 on the above subject.

2. As per para(viii) of the terms and conditions of the allocation letter, you are  
required to submit a bank guarantee of Rs.208.16 Crores ( equal to one year's royalty  
based on mine capacity of 20MTPA and weighted average royalty@ Rs. 104.08 per  
tonne) as assessed by CMPDI of B to G grades of coal. Subsequently, upon approval  
of the mining plan the bank guarantee amount will be modified based on the final peak  
rated capacity of the mine. The other terms and conditions of the allocation letter dated  
20.07.2007 shall remain the same.

3. You are, therefore, requested to submit the bank guarantee within 30 days from  
date of issue of this letter.

Yours faithfully,

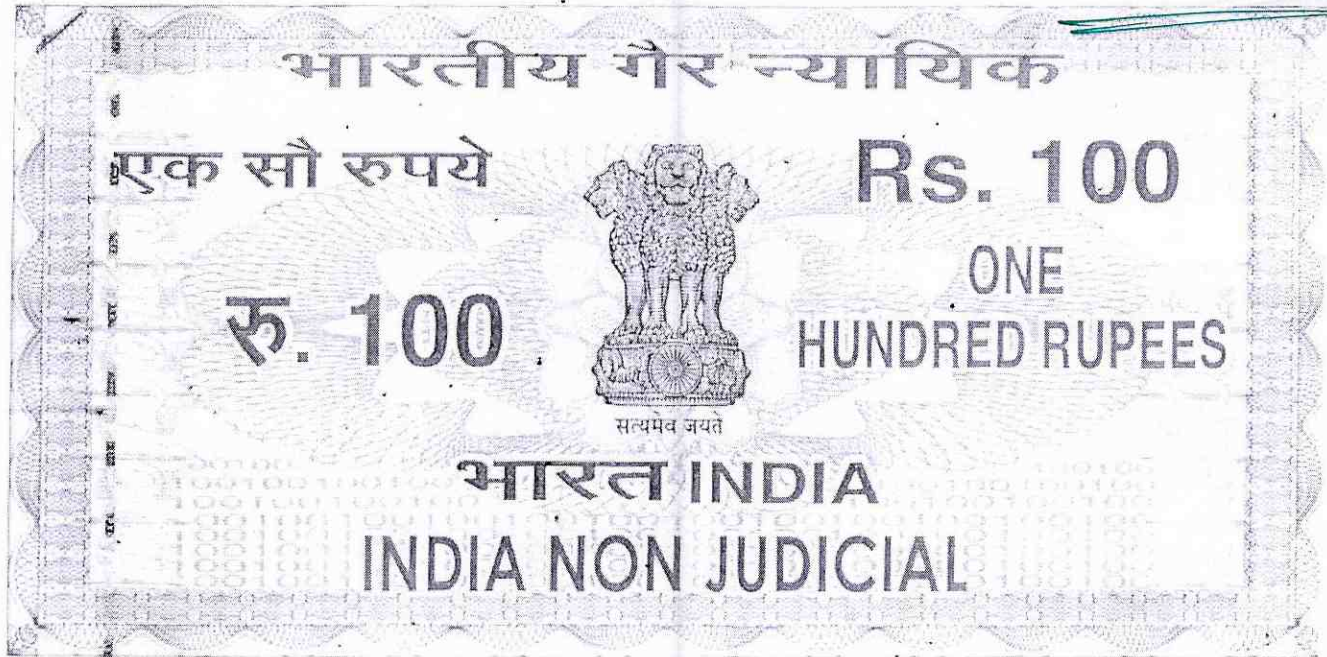


(V.S.Rana)

Under Secretary to the Government of India

- Copy to :-
1. CMPDIL, Ranchi, with reference to their letter no. CMPDI/DG/033.1/1286  
dt.30.04.2010.
  2. Coal Controller organization, 1, Council House Street, kolkata.
  3. Office Folder





दिल्ली DELHI

BANK GUARANTEE

L 727159

BANK GUARANTEE NO.0005FI10004125

Date: 31.07.2010

To

The President of India  
Acting through Ministry of Coal  
Shastri Bhawan  
NEW DELHI

Whereas M/s. Jharkhand Integrated Power Limited, having Registered Office at HL Wings, 3<sup>rd</sup> Floor, Plot No. 2, Pocket 4, Dwarka, New Delhi 110 075, hereinafter called the "Company", agrees for allocation of Kerandari 'B' & 'C' coal block made by the President of India acting through Shri K S-Kropha, Joint Secretary and Coal Controller, Ministry of Coal hereinafter called the "Central Government" in the State of Jharkhand for captive mining of coal on the terms and conditions contained in their letter No. 13016/4/2006-CA-I dated 20<sup>th</sup> July 2007 and the Company as per clauses viii and ix in the conditions which inter alia are subject matter of the letter of allocation herein referred, agrees to furnish this bank guarantee for an amount of Rs. 208,16,00,000/- (Rupees Two Hundred Eight Crore and Sixteen Lakhs Only) equivalent to one year royalty amount based on B to G grade capacity of coal assessed by CMPDIL at 20 mtpa at an weighted average royalty @ Rs.104.08 per tonne.

of Indusind Bank Ltd.  
  
2298  
Authorized Signatory



  
(1/11)

**BANK GUARANTEE NO.0005FI10004125**

**Date: 31.07.2010**

We, The INDUSIND BANK LTD., a Banking Company registered under the Companies Act 1956 and having its license to carry out Banking Business under the Banking Regulation Act 1949 at having its registered Office at 2401, Gen. Thimmayya Road, Cantonment, Pune 411 001, and a branch office at Dr. Gopal Das Bhawan 28, Barakhamba Road, New Delhi - 110 001. (hereinafter called "the Bank") in consideration of the premises, at the request of the Company, do hereby guarantee and undertake to pay without demur to the Central Government forthwith on demand at any time up to 30.07.2011 any money or monies not exceeding a total sum of Rs.208,16,00,000/- (Rupees Two Hundred Eight Crore and Sixteen Lakhs Only) as may be claimed by the Central Government to be due from the Company by way of shortfall in royalty due to failure by the Company in the observance and performance as per clause ix of the terms and conditions of the said letter of allocation. It is hereby agreed and acknowledged that the decision of the Central Government as to whether any money is payable by the Company to the Central Government or whether the Company has made any such default or defaults as aforesaid and the amount or amounts to which the Central Government is entitled to by reason thereof will be binding on the Bank and the Bank shall not be entitled to ask the Central Government to establish its claim or claims under this Guarantee or to claim any such amount from the company in the first instance but shall pay the same to the Central Government forthwith on demand without any demur, reservation, recourse, contest or protest and/or without any reference to the Company. Any such demand made by the Central Government on the Bank shall be conclusive and binding notwithstanding any difference between the Central Government and the Company or any dispute pending before any Court, Tribunal, Arbitrator or any other authority.

The Bank further undertake not to revoke this Guarantee during its currency except with the previous consent of the Central Government in writing and this Guarantee shall continue to be enforceable till the aforesaid date of its expiry or the last date of the extended period agreed upon as the case may be unless during the currency of the Guarantee all the dues of the Central Government under or by virtue of clause ix of the said letter of allocation have been duly paid and its claims satisfied or discharge or the Central Government certifies that the terms and conditions of the said letter of allocation have been fully carried out by the company and accordingly discharged the Guarantee.

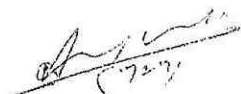
Subject to the maximum limit of the Bank's liability as aforesaid, this Guarantee shall cover all claim or claims of the Central Government against the Company from time to time arising out of or under condition number ix of the said letter of allocation and in respect of which the Central Government's demand or notice in writing be served on the Bank before the date of expiry of this Guarantee mentioned above or of further extended period agreed upon, as the case may be.

The Guarantee shall not be affected by any change in the constitution of the Company or any extension or forbearance to the company by the Central Government and the Bank will ensure for and be available to and Guarantee enforceable by the Central Government.

For Indusind Bank Ltd.

  
Authorized Signatory





**BANK GUARANTEE NO.0005FI10004125**

**Date: 31.07.2010**

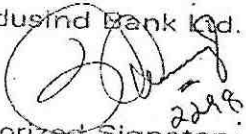
Notwithstanding anything contained herein :-

- a) Our liability under this Bank Guarantee shall not exceed Rs.208,16,00,000/- (Rupees Two Hundred Eight Crore and Sixteen Lakhs Only).
- b) This Bank Guarantee shall be valid till 30.07.2011
- c) We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only if you serve upon us a written claim or demand on or before 30.07.2011

The Bank has power to issue this Guarantee under the statute and the undersigned has full power to sign this Guarantee on behalf of the Bank.

Dated this 31<sup>st</sup> day of July 2010 at New Delhi.

For Industrial Bank Ltd.

  
Authorized Signatory







**cmpdi**  
A Mini-Ratna Company

कोल इंडिया लिमिटेड  
गोंदवणा प्लेस...

कम्पनी / भारत सरकार का एक लोक उपक्रम  
पेची - 834 031, झारखंड (भारत)

Central Mine Planning & Design Institute Limited  
(A Subsidiary of Coal India Limited / Govt. of India Public Sector Undertaking)  
Gondwana Place, Kanke Road, Ranchi - 834 031, Jharkhand (INDIA)

No.CMPDI/DG/033.A/ 53 8 8 - 89

Dated: 03.12.2009

To

The Director,  
Jharkhand Integrated Power Ltd.,  
I-Block, 2<sup>nd</sup> Floor, North Wing,  
Dhirubhai Ambani Knowledge City,  
Thane Belapur Road, Koparkhairane,  
Navi Mumbai - 400 710.

Sub: Geological Report for Kerandari "B" & "C" Coal Blocks.

Dear Sir,

The hard copy of the Geological-Report of Kerandari "B" & "C" coal blocks along with its enclosures of annexures and plates being handed over to your representative.

Yours faithfully,

(A.K. Wahi)  
CHIEF GENERAL MANAGER  
(Exploration)

V. K. Singh

(Recognised Qualified Person)  
[Recognition No. 346.1/(17)2003-CPAM  
Dated-03.11.2004]



फोन नम्बर / Phone No : +91 651 2232637.

फैक्स नम्बर / Fax No. : +91 651 2230875.

वेब साईट / Website Address : [www.cmpdi.co.in](http://www.cmpdi.co.in)

A-14

FORM D

Receipt of Applications for Prospecting Licence/Mining Lease or Renewals

(See rules 10(4) and 23(4))

Government of Jharkhand

Memorandum No. 1369 Dated 07-05-10

S.No. 03/10

Received the application with the following enclosures for a ~~prospecting licence~~ /mining lease/ ~~renewal of prospecting licence~~ /renewal of mining lease of Sarvashree Jharkhand Integrated Power Limited on ...07/05/2010 for about 2574 hectare of land located in Keredari Development Block, Hazaribagh District for mining Coal mineral/minerals.

Enclosures:

Place: Hazaribagh

Date

*M. V. Singh*  
07.05.2010  
जिला खनन पदाधिकारी  
हजारिबाग  
Signature and designation of Receiving Officer

Enclosures:

Application form in triplicate

1. Attested copy certificate of registration & Commencement of business
2. Affidavit confirming that Jharkhand Integrated Power, Ltd does not hold and has not held a Mining Lease
3. Affidavit confirming that Jharkhand Integrated Power Ltd has filed up-to-date income tax return
4. List of the villages falling within the coal block area
5. Coal block boundary marked on topo sheet
6. Copy of geological report of the coal block
7. Salient feature of the mining plan
8. Geological coal block boundary as given by CMPDI

# Jharkhand Integrated Power Limited

Annexure 23

I-Block, 2nd Floor, North Wing  
Dhirubhai Ambani Knowledge City  
Thane Belapur Road, Koparkhairane  
Navi Mumbai 400 710

Tel: +91 22 3038 6838  
Fax: +91 22 3038 6999

**Despatcher**  
Receipt & Despatch Section,  
Ministry of Coal, Shastri Bhawan  
New Delhi - 110001

June 08, 2010

Jt. Secretary [Kind Attention to Sh. S.K. Singh (SO)]  
Ministry of Coal (MoC),  
Government of India  
Shastri Bhawan,  
Rajendra Prasad Road,  
New Delhi - 110 001.

**Sub: Submission of Mining Plan (4 copies) of Kerendari 'B' & 'C' Coal Block allocated to Jharkhand Integrated Power Limited.**

Dear Sir,

This has reference to the coal block allocation Letter no. F/No. 13016/4/2006-CA-I, dated 20<sup>th</sup> July 2007, issued by Under Secretary to Government of India addressed to the Chairman-cum-Managing Director of Power Finance Corporation, New Delhi allocating Kerendari 'B' & 'C' Coal Block to Jharkhand Integrated Power Ltd. for Tilaiya Ultra Mega Power Project in Jharkhand.

In view of the above, we have prepared Mining Plan and submitting to Ministry of Coal four copies of Mining Plan of the aforesaid coal block comprising of TEXT (Vol. I) and DRAWINGS (Vol. II: Geological Plates 1 to 21 & Mining Plates 1 to 9) for your kind perusal, reference and approval.

You are requested to kindly indicate a suitable date and time for making a presentation on the Mining Plan.

We look forward to your kind support and co-operation for successful and early implementation of the Tilaiya Ultra Mega Power Project.

Thanking you,

Yours faithfully,

**For Jharkhand Integrated Power Limited**

**Vijay Kachroo**  
Director

Encl: As Above