

**By Speed Post**

**F.No 13016/29/2003- CA-I (Vol-II)  
Government of India  
Ministry of Coal**

New Delhi, dated 13<sup>th</sup> February, 2014

To

The Chairman and Managing Director,  
National Thermal Power Corporation Limited,  
NTPC Bhawan, SCOPE Complex,  
Core 6, 6<sup>th</sup> Floor, 7, Institutional Area, Lodhi Road,  
New Delhi 110 003.

**Sub: Introduction and submission of Bank Guarantee (BG) in respect of  
Pakri Barwadih coal block allocated to NTPC-**

Sir,

I am directed to refer to this Ministry's allocation letter No. 13016/29/2003-CA dated 11<sup>th</sup> October, 2004 (**Annexure -I**) and to this Ministry's show cause notice letter No.13016/29/2003- CA-I dated 6<sup>th</sup> June, 2013 (**Annexure- II**) and your reply to the show cause notice and the Presentation made/ documents submitted by you on 24<sup>th</sup> October, 2013 before the Inter Ministerial Group (IMG) on the above subject.

2. Pakri Barwadih coal block was allocated to National Thermal Power Corporation Limited on 11<sup>th</sup> October, 2004 in pursuance of the provisions contained in Section 3(3)(a)(i) of the Coal Mines (Nationalisation) Act, 1973 subject to certain conditions. Condition No. (vii) of allocation letter is reproduced below in this regard:-

" vii. Violation of any of the conditions imposed above on the part of NTPC or such separate Government Company in mining and disposing of coal from the Pakri Barwadih coal block will render the mining lease liable for cancellation."

3. The progress of the allocated coal block as well as linked/associated end use project has been reviewed by the Ministry through an Inter-Ministerial Review Committee from time to time wherein the allocatee company give presentation in respect of the development made by the company with reference to the milestones prescribed in the allocation letter during which it was noted as following:-

i) In the Review Meeting held on 20/21.07.2010 the Committee noted that FC (Stage -II) and Land Acquisition were still pending. Stage -I Forest Clearance just obtained. Representative informed that payment has been made to 71 people under land acquisition process. MDO will be finalized within one month. PPA signed with DVC/JSEB. The committee expressed concern over the development of coal block. Due to failure of production target of MOC is in jeopardy. A show cause notice was issued vide this

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Ministry's letter No. 13016/29/2003- CA-I dated 29.09.2010. Further in the meeting held on 28<sup>th</sup> January, 2011 and 4<sup>th</sup> February, 2011 a warning was issued to the company vide letter of even no. dated 21.06.2011.

ii) In the Review Committed meeting held on 11/12.01.2012 the Committee noticed that the progress of the coal block was not satisfactory. The Committee expressed concern over the unsatisfactory progress and advised to expedite the development of the coal block. Accordingly, a caution letter dated 26.04.2012 was issued to the company with the direction to expedite the development of the coal block and be careful in future with respect to the milestones stipulated.

4. In the meantime, the Government constituted an Inter-Ministerial Group (IMG) on 21.06.2012 under the chairpersonship of Additional Secretary, Ministry of Coal having members from Ministry/Department of Power, Steel, Industrial Policy & Promotion, Legal Affairs and Economic Affairs. IMG has been given 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 18<sup>th</sup> meeting held on 01.05.2013 inter alia considered the status of the development of the Pakri Barwadih coal block prepared by the Coal Controller's Organisation (CCO) as on 31<sup>st</sup> December, 2012 and noted that no significant progress has been made by your company towards development of the coal block. It has been noticed that a number of important/critical milestones are pending. Keeping in view the unsatisfactory progress, IMG recommended issuing show cause notice for delay in development of coal block. The recommendation of IMG has since been considered and accepted by the Government. A show cause notice was issued on 6<sup>th</sup> June, 2013.

5. The case of the allocatee company was referred to IMG. Accordingly, the IMG gave opportunity to the allocatees company to make the Presentation before it on the progress of development of allocated coal bloc and associated end use project. The representatives of the allocatees company gave presentation on 24<sup>th</sup> October, 2013 before the IMG. The IMG considered the reply submitted by the allocatee, the presentation and associated EUP prepared by Ministry of Coal and Coal Controller's Organisation (June , 2013) (**Annexure -III**). The progress of development of the block with reference to the milestones and their achievement is as under:-

Mile Stones	Schedule date of Completion	Actual date of Completion	Slippage in YY/MM (as on June'13)	Remarks
Purchase of GR	25.11.2004 (45 days)	30.8.2005	8 Months	Block boundary received in 30.8.2005.
Submission of	NA	Not applicable	-	BG

Bank Guarantee				introduced in June,2007
Mining Lease Application	11.1.2004 (3 months)	Not applicable as land is under CBA Act.	-	
Submission of Mining Plan	11.4.2005 (6 months)	18.1.2006	9 Months	
Approval of Mining Plan	11.6.2005 (8 months)	25.8.2006	1Yrs 2 Months	
Application of Previous approval	11.8.2005 (10 Months)	Not applicable as land is under CBA Act.	-	
Granting of Previous approval	11.9.2005 (11 months)	Not applicable as land is under CBA Act.	-	
Application of Forest clearance	11.10.2005 (12 months)	12.6.2006	8 Months	
Grant of Forest Clearance	11.4.2006 (18 months)	17.9.2010	4yrs 5 months	
Application EMP Clearance	11.10.2005 (12 months)	31.7.2006	9 months	
Grant of EMP Clearance	11.4.2006 (18 months)	19.5.2009	3 Yrs 1month	
Grant of Mining Lease	11.10.2006 (24 months)	Not applicable as land is under CBA Act.	-	
Application of Land Acquisition	11.5.2006 (19 months)	27.6.2005	-	
Completion of Land Acquisition	11.10.2007 (36 months)	<b>Pending</b>	5yrs 08 months	
Application for opening permission	11.2.2008 (40 months)	<b>yes</b>	-	
Grant of Opening permission	11.3.2008 (41 months)	<b>Pending</b>	5yrs 3 months	
Coal Production	11.4.2008 (42 months)	<b>Pending</b>	5 yrs 2 months	OC mine with Forest land

6. After detailed deliberations, the IMG made its recommendation for imposition of Bank Guarantee (BG) for development and production from Pakri Barwadih coal block which was allocated to National Thermal Power Corporation Ltd. in its meeting held on 24 & 25th October, 2013. The recommendations made by the IMG are as follows:-

*“ Pakri Barwadih Coal Block was allocated to M/s National Thermal Power Corporation Ltd. on 11.10.2004. The normative date of production as per Coal Controller’s Organisation (CCO) report was 11.04.2008. The progress of block development was reviewed by the IMG in its 18<sup>th</sup> meeting held on 01.05.2013 and as per the recommendations of the IMG, the allocatee company was issued a show cause notice(SCN) vide MoC’s letter dated 6<sup>th</sup> June, 2013. The reply of the allocatee company to the SCN dated 24.06.2013 was sent to the State Govt. for comments. However comments of the State Govt. were not received.*

*The IMG considered the terms and conditions of allocation, the show cause notice issued, the reply of the block allocatee to the show cause notice issued, status report of CCO, presentation made by the allocatee company on 24.10.2013 along with the status paper presented to the IMG.*

*IMG noted that as per CCO’s status report, GR had been purchased, mining plan approved, land obtained, Environment and Forest clearance received. Mining Lease is not required as land acquisition has been made under CBA Act, 1957. A part of transfer of Govt. land is pending with Govt. of Jharkhand. However, there have been delays in achieving milestones.*

*The IMG considered the reply of the allocatee to the show cause notice wherein the allocatee has informed that a part of land acquisition was pending with Govt. of Jharkhand which was delaying the mine opening. Men and machineries have been deployed at the mine and land acquisition along with community development activities are progressing in full swing and mining can be started at any time. As regards EUP, Power plants at Dariapalli and Lara are expected to be commissioned by 2016-2017.*

*As per Chartered Accountant (CA) certificate submitted by the company, investment in coal block till June, 2013 is Rs.1052.84 Crs. As regards EUPs linked to the coal block, the investment for Lara STPP is Rs.1139.17 cr. and for Daripalli power project is Rs.380.59 Crores.*

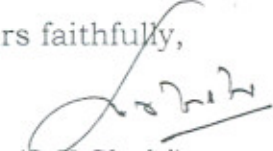
*Recommendation: Taking into account the facts brought before it including the fact that EC and FC has been granted and mine opening is pending for transfer of land by the State Govt. as well as the fact that against scheduled date of production of 11.04.2008, mine could not be opened so far, IMG recommends imposition of Bank Guarantee (BG) on the allocatee in order to expedite the development and production from coal block.”*

7. The recommendation of the IMG has since been considered and accepted by the Government.

8. Accordingly, it is decided to direct that the Bank Guarantee be furnished by the allocatee company. The Bank Guarantee (BG) as calculated by Coal Controller's Office to the extent of **Rs. 138.6 Crore (Rupees One hundred thirty eight crores and sixty lakhs only)** equal to one year royalty is to be deposited in the Office of the Coal Controller, Kolkata. (The calculation of BG to be imposed is given in **Annexure -IV**).

Encls: As above.

Yours faithfully,

  
(S.K. Shahi)

Director

**Tel. 23382807**

Copy to:-

1. The Chief Secretary, Government of Jharkhand, Ranchi.
2. The Secretary, Ministry of Power, Shram Shakti Bhawan, New Delhi.
3. The CMD, CMDPIL, Ranchi.
4. The CMD, Central Coalfields Limited, Dharbhanga House, Ranchi.
5. The Coal Controller's Organisation, 1, Council House Street, Kolkata for necessary action at their end.
6. The Chairman, Coal India Limited, 10- Netaji Subhash Road, Kolkata.
7. ✓ NIC Cell, Ministry of Coal for placing the letter on the Website of Ministry of Coal.

Annexure - I

S. No.

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S.No. 2 (R)

No. 13016/29/2003-CA  
Government of India  
Ministry of Coal and Mines  
Department of Coal

New Delhi, the 11.10.2004

To  
The Chairman & Managing Director,  
National Thermal Power Corporation Ltd.,  
NTPC Bhawan, Scope Complex,  
7 Institutional Area, Lodhi Road,  
New Delhi.

Subject :- Allotment of Pakri Barwadih Coal block in favour of National Thermal Power Corporation Ltd. to undertake coal mining for exclusive use of coal in their power plants.

Sir,

I am directed to refer to your letter No. 01/CMGW/MOC/067-623 dated 9.8.2004 on the subject mentioned above and hereby convey the 'in principle' consent of the Government of India to the working of Pakri Barwadih coal block by the National Thermal Power Corporation Limited within the provision of Central Government Company dispensation under Section 3(3)(a)(i) of the Coal Mines (Nationalisation) Act, 1973 subject to the following conditions :-

- i) Coal mining shall be carried on by NTPC or a separate company to be created with NTPC's participation provided such separate company is a Central Government company with coal mining as an object in its Memorandum of Association. This condition is necessitated under S. 3(3)(a)(i) of the Coal Mines (Nationalisation) Act, 1973 which allows coal mining to a Central Government Company.
- ii) Coal linkages from CIL/SCCL would not be disturbed in any way with coal mined from Pakri Barwadih block. NTPC shall continue to honor its commitment towards long-term linkage from these nationalized coal companies to their thermal power stations through FSAs.
- iii) All coal mined from the block, including any middlings or rejects etc, if washing is resorted to, shall be used in NTPC power plants. No coal will be disposed off in any other manner, whatsoever, without prior permission, in writing, of the Department of Coal.
- iv) NTPC would plan for both Open cast and underground mining in Pakri Barwadih coal block so as to extract the reserves below 300 meters as well at a later date.
- v) NTPC will do coal mining in accordance with the provisions of the Coal Mines (Nationalisation) Act, 1973, the MMDR Act, 1957, the Contract Labour (Regulation & Abolition) Act, 1970 and in compliance with all other mineral, environmental and labour laws and regulations governing the Indian Coal Industry.

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- vi) The mining lease will be executed in the name of the NTPC or such separate Government company which may be formed with equity participation by NTPC.
- vii) Violation of any of the conditions imposed above on the part of NTPC or such separate Government Company in mining and disposing of coal from the Pakri Barwadih coal block will render the mining lease liable for cancellation.
- viii) NTPC may approach the CMPDIL to obtain the geological report of the block on payment of necessary exploration cost and obtain a mining lease to work the block as per the provisions of the MM (D&R) Act, 1957.

Yours faithfully,

*S. K. Kakkar*  
(S. K. Kakkar)  
Under Secretary

o/c

Copy to :

- 1. Ministry of Power, Shram Shakti Bhawan, New Delhi.
- 2. Chairman, Coal India Limited, 10-Netaji Subhash Road, Kolkata.
- 3. CMD, CMPDIL, Ranchi
- 4. CMD, Central Coalfield Limited, Dharbhanga House, Ranchi.
- 5. The Chief Secretary, Govt. of Jharkhand, Ranchi

Issued through pem Book No - ① on 11th October, 2004.

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Annexure-II

**SHOW CAUSE NOTICE  
BY SPEED POST**

No. 13016/29/2003-CA-I  
Government of India  
Ministry of Coal

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New Delhi, dated 6<sup>th</sup> June, 2013

To

The Chairman and Managing Director,  
National Thermal Power Corporation Ltd.,  
NTPC Bhawan, SCOPE Complex,  
7 Institutional Area, Lodhi Road,  
New Delhi 110 003.

**Subject: Show cause notice in respect of Pakri Barwadih coal block.**

Sir,

I am directed to refer to this Ministry's letter No. 13016/29/2003-CA dated 11th October, 2004 conveying allocation of **Pakri Barwadih** coal block in pursuance of the provisions contained in Section 3(3)(a)(i) of the Coal Mines (Nationalization) Act, 1973, 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 **Pakri Barwadih** coal block allocated to company was not satisfactory. The Committee expressed concern over unsatisfactory progress and advised to expedite the development of the coal block. Accordingly, a caution letter dated 26.04.2012 was issued to the company with the direction to expedite the development of the coal block and be careful in future 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, Ministry of Coal having members from Ministry/Department of Power, Steel, Industrial Policy & Promotion, Legal Affairs and Economic Affairs. IMG has been given 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 18th meeting held on 01.05.2013 inter alia considered the status of the development of the Coal Block prepared by the Coal Controller's Organisation (CCO) as on 31st December, 2012 and noted that no



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significant progress has been made by your company towards development of the **Pakri Barwadih** coal block. The IMG noted that completion of Land Acquisition and application for mine opening permission are still pending in your case. Keeping in view the unsatisfactory progress, IMG recommended issuing 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 various stages for development of coal block, 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 coal block should not be held as violation of the terms and conditions of the allotment of **Pakri Barwadih** coal block failing which it would be presumed that your company has no explanation to offer and action as appropriate would be taken for de-allocation of **Pakri Barwadih** coal block.

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, Kolkata.
- (ii) NIC, M/o Coal for uploading the letter on Ministry's website .

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Pakri Barwadih

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Annexure III

Sl No	Items	Remarks
1	Name Of the Block	Pakri Barwadih block
2	Name Of the allocate	M/s National Thermal Power Corporation Ltd.
3	Date Of allocation	11.10.2004
4	End -use Plant	Supply coal to NTPC power plant.
5	Important terms and conditions of allocation	As per Allocation letter enclose- Annexure-I.
6	Milestones of allocation /Slippages against Milestones as stated in the SCN	Status of CCO, Kolkata is enclosed as Annexure -II.
7	History Previous review / action	<p>In the review meeting held on 20<sup>th</sup> and 21<sup>st</sup> July, 2010 the Committee noted that FC(Stage-II) and Land Acquisition are still pending. Stage-I forest clearance just obtained. Representative informed that payment has been made to 71 people under land acquisition process. MDO will be finalized within one month. PPA signed with DVC/JSEB. The committee expressed concerned over the development of coal block. Due to failure of NTPC top develop block in time, the production target of MOC is in jeopardy. A show cause notice was issued on 29.09.2010.</p> <p>In the meeting held on 28.01.2011 and 4.2.2011 regarding review of progress of allocated coal blocks an assessment of reply of show cause notices issued in response to recommendation of the meeting of the review committee held on 20<sup>th</sup> 21<sup>st</sup> July, 2010, the Committee noted that Land is being acquired through CBA Act, hence ML is not required form the State. FC granted on 17.09.2010 and LA-Money deposited. A warning was issued on 21. .2011.</p> <p>In the review meeting held on 11<sup>th</sup> and 12<sup>th</sup> January, 2012 the Committee noted that LA is pending. Stage -II forest clearance obtained. Mine Develpor and Operator (MDO) appointed. CHP operation. Construction of railway line and R&amp;R projects are going in full swing. NTPC discussed with MDO to raise coal</p>

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		<p>production upto 18 MTPA. Exploration is going on in the unexplored area. 600 acres of Govt. land is there. Govt. of Jharkhand advised to conduct a meeting with Revenue Department for land issue. Company stated that coal evacuation corridor completed and 13.5 Km elevated coal conveyor works started. A caution letter was issued on 26.04.2012.</p> <p>In the meantime, the Government constituted an Inter-Ministerial Group (IMG) on 21.06.2012 under the chairpersonship of Additional Secretary, Ministry of Coal having members from Ministry/Department of Power, Steel, Industrial Policy &amp; Promotion, Legal Affairs and Economic Affairs. IMG has been given 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 18th meeting held on 01.05.2013 inter alia considered the status of the development of the Coal Block prepared by the Coal Controller's Organisation (CCO) as on 31st December, 2012 and noted that no significant progress has been made by the company towards development of the <b>Pakri Barwadih</b> coal block. The IMG noted that the completion of Land Acquisition and application for mine opening permission are still pending. Keeping in view the unsatisfactory progress, IMG recommended issuing show cause notice for delay in development of coal block. The recommendation of IMG has since been considered and accepted by the Government. The company was issued show cause notice on 6<sup>th</sup> June, 2013.</p>
8	Condonation of delay or extension of Zero date granted if any and permissible grace period if any whether any request for Condonation is pending with the Ministry	

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9	Litigation any orders of the court , if any	
10	Summary of reply of the company including reasons for delay	<p><b>Completion of Land Acquisition:</b> A copy of the Jharkhand State Order dated 27.02.2013 approving the land compensation has been enclosed in the reply. Only after the receipt of the order and use approval of NTPC Board etc. disbursement of compensation was started in the shortest possible time on 7<sup>th</sup> May, 2013.</p> <p><b>Application for Mine Opening Permission:-</b> Mine opening is totally dependent on completion of land acquisition.</p> <p><b>Status of EUP:</b> NTPC has achieved best progress in Pakri Barwadih coal block despite severe socio-political problems beyond control of NTPC, Men and Machinery.</p> <p><b>Copy of reply received from the company is enclosed as Annexure -III</b></p>
11	Comments of State Govt. on reply of the allocatee on SCN	<p>A copy of the reply of the company was sent to State Govt. of Jharkhand for their comments.</p> <p>Comments of State Govt. have not been received.</p>
12	Comments of MOC with the respect to issue pertaining to delay in purchase of GR, transfer of surface rights by coal companies, sanction of mining plan etc.	<p>M/s NTPC has submitted Mine Plan and Mine Closure Plan (June) of Pakri Barwadih –a which is part of Parkri Barwadih coal block. The MP and MCP has been sent to Technical Section of MOC for consideration and approval of the Standing Committee under MMDR Act, 1957 on 27.9.2013.</p> <p>Meanwhile NTPC has against submitted Mining Plan and Mine Closure Plan of Pakri Barwadih-East Quarry which is a part of Pakri Barwadih coal block which is under examination.</p>

**Coal Controller Office, Kolkata**  
**Updated Status of Coal Block as on June 2013**  
**(As per Status report submitted by the company)**


1. Name of Company:- M/s. NTPC Ltd.
2. Name of Coal Block:- Pakri Barwadih (Explored)/Govt
3. Name of Owner/Address etc.:- Asstt. General Manager (Fuels), NTPC Ltd., Room NO. 123, 1<sup>st</sup> Floor, R & D Building, NTPC, EOC, Sector 24 Noida-201301
4. Date of Allocation:- 11.10.2004
5. Location: North Karanpura, Jharkhand
6. Project cost :- Rs. 3193.86 Cr.
7. **Total investment made Cr (As per CA report) :- Rs. 1026.3 Cr (upto June'13)**
8. Reserve (Mill tonnes):- 1436 (Geological)
9. Mineable Reserve:- 503.39 MT
10. Yearly rated capacity (MTPA):- 15 MTPA
11. Grade of Coal:- E
12. Cost of GR:- Rs. 16.35 Cr.
13. BG Amount :- Not applicable (BG introduced in June,2007)
14. Type of EUP:- Power
15. Location of Project:- N-E part of India.
16. Capacity of Project:- Basket supply of coal to Daripalli and Lara and Barh Power Plant
17. Explored/Un explored:- Explored
18. Type of Mine:- OC
19. Zero Date:- 11.10.2004 (As per block allocation letter)
20. **Previous Recommendation, if any:-** Caution notice issued by MOC as per decision of review meeting dated 11/12.1.2012. Again in 18<sup>th</sup> IMG held on 01.05.2013 advised to issue show cause notice.

Mile Stones	Schedule date of Completion	Actual date of Completion	Slippage in YY/MM (as on June'13)	Remarks	Special Observatio
Purchase of GR	25.11.2004 (45 days)	30.8.2005	8 Months	Block boundary received in 30.8.2005.	
Submission of Bank Guarantee	NA	Not applicable	-	BG introduced in June,2007	
Mining Lease Application	11.1.200 4 (3 months)	Not applicable as land is under CBA Act.	-		
Submission of Mining Plan	11.4.2005 (6 months)	18.1.2006	9 Months		

Approval of Mining Plan	11.6.2005 (8 months)	25.8.2006	1Yrs 2 Months		
Application of Previous approval	11.8.2005 (10 Months)	Not applicable as land is under CBA Act.	-		
Granting of Previous approval	11.9.2005 (11 months)	Not applicable as land is under CBA Act.	-		
Application of Forest clearance	11.10.2005 (12 months)	12.6.2006	8 Months		
Grant of Forest Clearance	11.4.2006 (18 months)	17.9.2010	4yrs 5 months		
Application EMP Clearance	11.10.2005 (12 months)	31.7.2006	9 months		
Grant of EMP Clearance	11.4.2006 (18 months)	19.5.2009	3 Yrs 1month		
Grant of Mining Lease	11.10.2006 (24 months)	Not applicable as land is under CBA Act.	-		
Application of Land Acquisition	11.5.2006 (19 months)	27.6.2005	-		
Completion of Land Acquisition	11.10.2007 (36 months)	<i>Pending</i>	5yrs 08 months		Transfer of land is in process.
Application for opening permission	11.2.2008 (40 months)	<i>yes</i>	-		
Grant of Opening permission	11.3.2008 (41 months)	<i>Pending</i>	5yrs 3 months	Due to non execution of Escrow account	
Coal Production	11.4.2008 (42 months)	<i>Pending</i>	5 yrs 2 months	OC mine with Forest land	

<b>Observation of Field Office of CCO during inspection of the block</b>	
Date of Inspection	27.11.2012
Infrastructure development	As per site inspection carried out by OSD Office, Ranchi, & Dhanb it was reported that one site Office, Earth cutting for proposed CH Sub station and Poles were erected for power transmission.
Activities related to coal transportation	• No
Presence of mining equipment.	• No
Any sign of mining activities.	• No
Escrow A/c for mine closure	• No
Other activities	Construction of ITI building at advance stage, one computer centre sewing training centre at the site.
Engagement of MDO	M/s. Thiess Minecs India Pvt Ltd has been appointed as MDO.

**Other details and constraint faced by the block allocates**



Land acquisition:- **Cabinet of State Govt of Jharkhand approved transfer of 140 acres of GM(Govt) land to NTPC on 20.12.2012.** Proposal for transfer of another 144 acres GM (Govt) land cleared on 28.12.2012 by Minister of Jharkhand Govt. R & R plan proposal cleared by Revenue Minister, Govt of Jharkhand,. M/s. NBCC has been appointed for construction of R & R colony on 8.11.12. Advance payment made to State Govt Rs. 77.98 Cr. NOC for nallah realignment received from Govt of JH on 19.3.2013. **Total land: 8225 Acres**, Forest Land: - 2731.35 Acres. Govt. land 734.55 Acres and Pvt. land: 4822 acres.

**Banadag-Haaribagh Rail link for coal evacuation:- Construction of "Banadag-Hazaribagh" Rly. Link started by ECR on 21.11.12. DPR of yard arrangement at Banadag approved by EC Railways on 20.6.2013.**

- EUP: i) Power plant at Daraipalli (3200 MW), Orissa. Expected commissioning: U#1 & U#2=16-17.
- ii) Proposed: Power plant at Lara (4000 MW), Chhattisgarh. U-I=16-17 and U-II=16-17.

**Amount invested till June.13:** Rs.1082.23 Cr. for Lara project and Rs.380 Cr. for Daripalli project (As per CA report). Power Purchased Agreement signed

Annexure - IV  
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1. Name of Company:-M/s NTPC Ltd.
2. Name of Coal Block:- Pakri Barwadih
3. Date of Allocation:- 11.10.2004
4. Normative Date of production:-11.04 2008
5. Yearly Rated Capacity:- 15 MTPA (as per mine plan)
6. Grade of Coal:-
7. BG Amount:- To be determined on the basis of one year royalty as recommended by IMG.
8. Recommendation: IMG recommends imposition of Bank Guarantee on the allocatee in order to expedite the development and production from coal block.

Calculation of BG on one year royalty basis as per practice

Seam Name	Net Geological reserve as per Mine Plan ( in MT)	% of share of reserve	Average GCV as per Mine Plan	Weighted Average of GCV
(1)	(2)	(3)	(4)	(5)=(4)x(3)/100
V TOP	64.46	4.48	4253	190.53
V BOTT	47.425	3.30	4865	160.55
V COMB	6.829	0.48	4497	21.59
IV TOP	75.079	5.23	4393.5	229.78
IV BOTT	43.953	3.06	4754	145.47
IV COMB	167.212	11.64	3916	455.82
III TOP	51.1	3.56	4668	166.18
III BOTT	25.641	1.79	4803.5	85.98
III COMB	5.078	0.35	4783	16.74
II TOP	112.571	7.84	4427	152.0
II MID	225.033	15.67	5154.5	347.08
II TM	93.426	6.51	4702	306.10
II BOT	235.021	16.36	4657	761.89
II MB	19.069	1.39	5017	69.74
II COMB	9.092	0.63	4956	31.22
I TOP	63.16	4.39	4902.5	215.22
I MID	112.621	7.83	4429.5	346.83
I TM	3.784	0.26	4633	12.05
I BOT	48.305	3.35	4281	143.41
I MB	14.858	1.03	4366	44.97
I COMB	12.182	0.85	4299	36.54
<b>Total</b>	<b>1435.899</b>	<b>100</b>		<b>3939.69</b>

Total weighted GCV = 3939.69 K.cal/Kg

Price/Tone for GCV of 3939.69 = Rs.660/- (As per CIL Notification No.CIL:S&M:GM (F):Pricing:235 dt.27.05.2013)

Royalty/Tonne=Rs.660x14%= Rs.92.40/- (Royalty rate =pricex14% as per gazette notification No. G S.R.349(E) dt.10.05.2012)

The Royalty for Peak rated capacity of 15 MT/year=Rs. 92.40x15 Million =Rs.1386 Million = Rs.138.6 Crore

Bank Guarantee may be asked to submit for one year royalty=Rs.138.6 Crore ( Rupees one hundred thirty eight crores and sixty lakhs only)

*DYB*  
13.01.2014

*Jain*  
13/1/14

*Jain*  
13/1/14

*AB*  
13/1/14

*16.1.14*

