



ACB (INDIA) LIMITED

Village - Renki, P.O - Chainpur, Tehsil - Pali
Distt- Korba (C.G.) Pin 495446 India, Tel. & Fax 91+ 7816256801

Ref: 105/ACBI L/ENV/2023/28

Dated: 25.05.2023

To

Regional Officer,
Chhattisgarh Environment Conservation Board,
Korba, (C.G.).

Sub: M/s. ACB (India) Limited, (Formerly known as S.V. Power Pvt. Ltd). 1X60 MW Coal Washery Rejects based Thermal Power Plant & 1X2.5 MTPA Coal Washery at Village: Renki, Tehsil- Hardi bazaar, District-Korba, Chhattisgarh- 495446-
Submission of Six monthly compliance report for the period Oct 2022 to March 2023- reg.

Ref: Environmental Clearance no. J-13011/57/2007-IA.II(T), dated 08.02.2008.

Dear Sir

As per the conditions in the SEIAA/MoEF Environmental Clearance, please find attached the Six Monthly compliance reports and the monitoring data along with statistical interpretation for the period October 2022 to March 2023.

Kindly acknowledge on the receipt of the same

Yours faithfully,

For ACB (India) Limited.

Authorized Signatory

Encl: As Above.





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Ref: 105/ACB IL/ENV/2023/23
Dated: 25.05.2023

To

The Member Secretary
Chhattisgarh Environment Conservation Board
Paryavas Bhavan, North Block, Sector-19
Atal Nagar, District - Raipur- 492002
Chhattisgarh.

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Ref: 105/ACBIL/ENV/2023/ 32

Dated: 25.05.2023

To

Member Secretary,
State Level Environment Impact Assessment Authority
1-Tilak Nagar, Shiv Mandir Chowk
Main Road, Avanti Vihar
Raipur(C.G)

Sub: M/s. ACB (India) Limited, (Formerly known as S.V. Power Pvt. Ltd). 1X60 MW Coal Washery Rejects based Thermal Power Plant & 1X2.5 MTPA Coal Washery at Village: Renki, Tehsil- Hardi bazaar, District-Korba, Chhattisgarh- 495446- Submission of Six monthly compliance report for the period Oct 2022 to March 2023- reg.

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Page 5 of 10



Krishnamoorthy Govindan <krishnamoorthy.govindan@acbindia.com>

Six Monthly EC Compliance Report (Oct 2022 to March 2023) ACBIL 1X60 MW TPP-Reg.

1 message

Krishnamoorthy Govindan <krishnamoorthy.govindan@acbindia.com>

Wed, May 31, 2023 at 1:01 PM

To: IRO Raipur <iro.raipur-mefcc@gov.in>, seiaacg@gmail.com, cpcb.bhopal@gov.in, hocecb@gmail.com, Regional Office Korba <rocecbkorba@gmail.com>

Cc: G Sambasiva Rao <Sambasiva.Rao@acbindia.com>

Dear sir,

Please find attached herewith six monthly compliance reports of ACB (INDIA) Limited, 1X60 MW Thermal Power Plant at Village-Renki, Tehsil-Pali, District-Korba, Chhattisgarh for the period of Oct 2022 to March 2023.

Note: Hard copy of six monthly compliance reports sent by courier.

This is for your information and record please.

Thanks with regards
Dr.G.Krishnamoorthy
Sr.Manager-Environment
Ph. +91 9940265695

6 attachments



Member Secretary,CECB,Raipur.PDF
788K



Regional Director, CPCB, Bhopal.PDF
800K



Member Secretary,SEIAA,Raipur.PDF
737K



MoEF & CC,IRO,Raipur.PDF
805K



Monitoring Report.pdf
4679K



Regional Officer,CECB,Korba.PDF
787K



**SIX MONTHLY COMPLIANCE REPORT
OCTOBER-2022 TO MARCH 2023**

**ACB (India) Limited
(Formerly known as S.V. Power Pvt. Ltd).
Village: Renki, Tehsil- Hardi bazaar,
District-Korba, Chhattisgarh- 495446.**

ACB (India) Limited
Village: Renki, Tehsil- Hardi bazaar,
District-Korba, Chhattisgarh.

Compliance status of the conditions under Environmental Clearance
F.No. J-13011/57/2007-1A.II (T), dated 08th Feb 2008

No.	Specific Conditions	Detailed Compliance Status
(i)	The land requirement shall be restricted to 219.91 acres for all the activities/facilities of the coal washery and power project.	The project authority implemented proposed project within 219.91 acres of land as per environmental clearance land use breakup. Enclosed approved layout drawing as Annexure-1 . Already submitted to MoEF &CC, Raipur dated 16.05.2023.
(ii)	Sulphur content in coal and washery rejects to be used as fuel shall not exceed 0.7%.	Sulphur content is being maintained less than 0.5% in the coal and washery rejects.
(iii)	The height of the stacks shall be as per the standards prescribed under the Environment (Protection) Act, 1986 in this regard or 114 m, whichever is more with continuous online monitoring system. The exit velocity of the flue shall not be less than 22 m/sec.	Height of the stack 114 meter has been constructed and continuous online monitoring system connected to CECB/CPCB server as per the standards prescribed under the Environment (Protection) Act, 1986. Enclosed stack and Energy meter photographs as Annexure-2 . Already submitted to MoEF &CC, Raipur dated 16.05.2023. Exit velocity of the flue gas is maintained more than 22 m/sec.
(iv)	High efficiency Electrostatic Precipitators (ESPs) of not less than 99.9% efficiency shall be installed to limit particulate emission to 100 mg/Nm ³ .	High efficiency electrostatic precipitators (ESPs) with efficiency of 99.9% (With maximum designed emission of particulate matter less than 50 mg/Nm ³ in one field out condition) has been installed. Enclosed ESP and online CEMS Photographs as Annexure-3 . Already submitted to MoEF &CC, Raipur dated 16.05.2023. Online data transfer details: Web: cccb.glensserver.com User id: svPower Password: 3vp6@789
(v)	The movement of coal shall be made through covered trucks only.	At present we are ensuring to properly cover trucks for transportation of coal. Enclosed covered truck photograph as Annexure-4 . Already submitted to MoEF

		&CC, Raipur dated 16.05.2023.
(vi)	Dust extraction and dust suppression system and water sprinklers shall be provided for controlling fugitive dust during coal transportation, in coal storage & handling area and other vulnerable areas of the plant.	Plant has already made proper arrangement for air pollution control equipment's like dust suppression systems, dust extraction systems, water sprinkling systems, etc to avoid air pollution and fugitive dust emission during coal transportation in coal storage & coal handling area and other vulnerable areas of the plant. Enclosed photographs as Annexure-5 . Already submitted to MoEF &CC, Raipur dated 16.05.2023.
(vii)	Water requirement shall not exceed 18776 m ³ /day (7.67 cusecs), which will be met from Lilaghar River. Necessary prior permission for drawl of requisite quantity of water shall be obtained from the Competent Authority. A copy of the same shall be submitted to this Ministry within thirty days of the issue of this latter. No ground water shall be extracted for any activity of this project.	Water is being drawn from Lilaghar River as per the specified conditions given in the Environmental Clearance. Copy of Letter issued by the Water resource department and water balance diagram enclosed as Doc-5 & Annexure-6 . Already submitted to MoEF &CC, Raipur dated 16.05.2023. No ground water extracted for any activity of this project. Enclosed surface water drawl flow meter photographs as Annexure 6.1 . Already submitted to MoEF &CC, Raipur dated 16.05.2023.
(ix)	Closed Circuit Cooling System with cooling towers shall be installed.	Closed circuit system with a COC of 6 is maintained for conservation of water as per the prescribed norms. Enclosed COC photographs as Annexure-7 . Already submitted to MoEF &CC, Raipur dated 16.05.2023.
(x)	Treated effluents conforming to the prescribed standards shall be re-circulated and reused within the plant. No effluents shall be discharged outside the project boundary.	Appropriate effluent treatment plant for the treatment of industrial effluent (ETP) capacity of 0.04 MLD and Sewage treatment plant capacity of 0.005 MLD for the domestic sewage installed and operational. All effluent treatment system is being operated and maintained in good running condition all the time. Quality of treated effluent is within standard prescribed by Ministry of environment & Forests, Government of India. Treated effluent is used for dust suppression, horticulture and Coal Washery etc. Enclosed ETP & STP photographs and online EQMS system as Annexure-8 . Already submitted to MoEF &CC, Raipur dated 16.05.2023.
(xi)	Rainwater harvesting shall be practiced. A detailed scheme for rain water harvesting to recharge the ground water	ACBIL constructed roof top rain water harvesting pit in all the building areas for ground water recharge. Enclosed rain water

	<p>aquifer shall be prepared in consultation with Central Ground Water Authority/State Ground Water Board and a copy of the same shall be submitted within three months to this Ministry.</p>	<p>harvesting recharge pit photographs as Annexure-9. Already submitted to MoEF &CC, Raipur dated 16.05.2023.</p> <p>Rainwater harvesting to recharge the ground water aquifer details submitted to SEIAA, CG and Regional Office, Ministry of Environment and Forests, Government of India, Raipur.</p>
(xii)	<p>Leq of Noise level shall be limited to 75 dBA and regular maintenance of equipment's should be undertaken. For people working in high noise areas, personal protection devices should be provided.</p>	<p>Adequate measures are taken for control of noise levels below 75dBA in the work environment. For people working in high noise areas, personal protection devices already provided. Personal Protective Equipment's e.g Ear plug/ear muffs, etc are provided to all personnel working in high noise level areas enclosed list of PPEs as Annexure-10. Already submitted to MoEF &CC, Raipur dated 16.05.2023.</p>
(xiii)	<p>Dry fly ash collection system shall be provided. 100% fly ash utilization shall be ensured from day one.</p>	<p>Ash silo of adequate capacity is provided, Ash sent to brick/ block/ products making, road construction, cement making etc. Enclosed Silo photographs as Annexure-11. Already submitted to MoEF &CC, Raipur dated 16.05.2023.</p>
(xiv)	<p>The ash dyke shall be at least 500m away from HFL of Lilagarh river. The ash pond shall be lined with impervious lining.</p>	<p>Safety measures as per norms are adopted for ash dyke to prevent any breaching. Enclosed ash dyke/ash pond photographs as Annexure-12. Already submitted to MoEF &CC, Raipur dated 16.05.2023.</p>
(xv)	<p>A greenbelt shall be developed with local species around the plant boundary with tree density of 1500-2000 trees per ha covering at least 85 acres area.</p>	<p>A thick green belt has been developed along the peripheral boundary of the plant. Regular plantation is carried out as per the guidelines inside the plant with native plant species. Year wise plantation details enclosed as Annexure-13. Already submitted to MoEF &CC, Raipur dated 16.05.2023.</p>
(xvi)	<p>First aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.</p>	<p>First aid and sanitation arrangements are made available.</p>
(xvii)	<p>Regular monitoring of the ambient air quality shall be carried out in and around the power plant and records maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with the State Pollution Control Board. Periodic reports shall be submitted to the Regional office of this Ministry at Bhopal.</p>	<p>Regular monitoring of the ambient air quality is being carried out inside and outside of the project area. The locations of monitoring station and frequency of monitoring have been decided in consultation with the State Pollution Control Board. Periodic reports are regularly submitted to the Regional office of this Ministry. Enclosed permanent AAQMS stations, AAQMS Monitoring</p>

		location map as Annexure-14 . Already submitted to MoEF &CC, Raipur dated 16.05.2023.
(xviii)	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in .	Already published.
(xix)	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Separate Environmental Management Cell enclosed as Doc-9 . Already submitted to MoEF &CC, Raipur dated 16.05.2023.
(xx)	Half yearly report on the status of Implementation of the stipulated conditions and environmental safeguards shall be submitted to this Ministry, the Regional Office, and the CPCB/SPCB.	Half yearly compliance report of Air, Water, Noise, fugitive emission, etc submitted regularly to Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Korba, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment and Forests, Government of India, Raipur.
(xxi)	Regional Office of the Ministry of Environment & Forests located at Bhopal will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Officer for their use during monitoring.	We have already submitted complete set of Environment Impact Assessment Report and Environment Management Plan along with the additional information to Regional Office of Ministry of Environment and Forests, at Bhopal on time.
(xxii)	Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure shall be reported to the Ministry.	<p>Separate fund is being allocated for implementation of the Environmental Protection measures.</p> <p>The CSR initiatives initiated includes establishing /strengthening of schools roads, drainage and sanitation, community halls, drinking water into the villages and skill development of the local communities around of project site villages. Enclosed</p>

		CSR activities details as Annexure-15 . Already submitted to MoEF &CC, Raipur dated 16.05.2023.
(xxiii)	Full cooperation shall be extended to the Scientists/Officers from the Ministry/Regional Office of the Ministry at Bhopal/the CPCB/the SPCB who would be monitoring the compliance of environmental status.	Agreed to comply
(xxiv)	The Ministry reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Ministry.	Agreed to comply.
(xxv)	The environmental clearances accorded shall be valid for a period of 5 years to start of production operation by the coal washery and power plant.	Agreed to comply
(xxvi)	In case of any deviation or alteration in the project proposed from that submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required. if any.	Agreed to comply
(xxvii)	The above stipulations shall be enforced along with others as under the Water (Prevention and Control of Pollution) Act,1974, the Air(Prevention and Control of Pollution) Act,1981, the Environment (Protection) Act,1986,the Manufacture, Storage and Import of Hazardous Chemical Rules,1989, Hazardous Wastes(Management and Handling) Rules,1989, the Public Liability Insurance Act, 1991 .	Agreed to comply

