



ACB (INDIA) LIMITED

2 X 135 MW Kasaipali Power Plant, Kasaipali, P.O.- Jawali,
Tehsil - Katghora, Distt. - Korba (C.G.) 495 445, Tel : 07815-285551(O)
Fax No. :- 07815-285887
Email : 270mw@acbindia.com

Ref.-ACBIL/270MW/17-18/ENV/CEA RET/ 076

Date- 27/04/2017

To,

The Chief Engineer,
Thermal Civil Design Division,
Central Electricity Authority,
9th Floor, North Wing, Sewa Bhawan,
R.K.Puram, New Delhi-110066
E-mail: tcdcea@nic.in

Kind attn: Mr.Neerj Kumar

Subject: - With regard to supply of data on Fly Ash Generation & Utilization in different coal/lignite based thermal power plants for the Month of 1st April 2016 to 31st March 2017.

Reference: - Letter of the Director CEA No. 1/8/1/DATA/2017/TCD

Date-18th April, 2017

Dear Sir

With reference to subject cited above, please find enclosed here with the requisite data, in the prescribed format, pertaining to 2x135MW, washery reject based, thermal power plant, at village kasaipali, district Korba(CG), for the period of 1st April 2016 to 31st March 2017.

Thanking you


Sr.GM(O&M)

2x135MW, TPP ACB (I) Ltd
Kasaipali, Korba (CG)

Enclosed: - Dully filled format I, II & III

General information on power station, Coal Mines and Quality of Coal

(For the period for 1st April, 2016 to 31 st March 2017)

Name of power utility:- ACB (India) Ltd.

Name of Thermal Power Plant:-

Installed capacity (Total): 2X135MW

ACB (India) Ltd., 270 MW Power Plant, Vill- Kasaipali,

PO: Jawali, Police station :-Dipika, Teh:-Katghora

Period of report 1st April, 2016 to 31st March, 2017

,Dist:-Korba(C.G.)-495445

(A) Thermal Power Station					(B) Detail of Nodal Officer				(C) COAL							
SN	Name of Thermal Power Station	District	State	Environmental Zone	Unit No.	Installed Capacity (MW)	Date of commissioning	Name	Degination	Contact No. (Land Line and Mobile)	Email	Name of Mine and its Location	Distance of Mines from TPS(KM)	Quantity of Coal received (MT)	Average calorific value of Coal (kcal/kg)	Average Ash Content of Coal (in percenta
.(1)	.(2)	.(3)	.(4)	.(5)	.(6)	.(7)	.(8)	.(9)	.(10)	.(11)	.(12)	.(13)	.(14)	.(15)	.(16)	.(17)
1	2X135 MW, Kasaipali	KORBA	Chhattisgarh	critical	#1	135MW	13-Dec-11	Mr.Br.Patel	Sr.GM.(O&M)	8225970944	br.patel@acbindia.com	Reject Coal based plant	N/A	2.00035	2557	56.80%
2					#2	135MW	21-Jun-12									

Sahar GM (O&M)

2X135MW, TPP, ACB(India)Ltd,

Kasaipali, Korba(CG)

Add.GM(Chemical)

Ministry of Power
Central Electricity Authority
Thermal Civil Design Division
Ash Disposal facility Available at Thermal Power Station and Mode of Disposal (Dry& Wet)and Ash Stock Available (Fly Ash, Bottom Ash & Pond Ash)

Name of power utility:- ACB (India) Ltd
Installed capacity (Total): 2X135MW

Name of Thermal Power Plant:-

ACB (India) Ltd., 2X135MW, Power Plant, VIII- Kasaipali,

Period of report 1st April, 2016 to 31st March 2017

PO: Jawali, Police station :-Dipika ,Teh:-Katghora
, Dist:-Korba(C.G.)-495445

SN	Thermal Power Station	Existing facility for Ash disposal		Location & Distamnce of Ash disposal area from TPS	Area acquired for Ash disposal (Ha)	Design life of disposal area (Years)	Additional area if any proposed (Ha)	Ash Stock Available on 31.03.2017				
		Dry	Wet					Dry Ash (MT)	Wet Ash (MT)	Fly Ash (MT)	Bottom Ash (MT)	Pond Ash (MT)
.(1)		Dry		(KM)	(Ha)	(Years)	(Ha)	(MT)	(MT)	(MT)	(MT)	(MT)
a	2X135 MW, Kasaipali	2silo per unit (total 4 silo) 02 for Fly Ash and 02 for Bed Ash		Abandoned	13.2	1.5years*	8.62	1.15708	0	0	0	Nil
		HCSD system										
				1.0KM	10.56							

*for all quantity of ASH

Senior GM (O&M)
2X135MW ,TPP,ACB(India)Ltd,
Kasaipali, Korba(Cg)

Add.GM (Chemical)

for MSB

Monthly Abstract of Ash Generation and utilisation

Formate-III

(For the period for 1st April, 2016 to 31st March, 2017)

Name of power utility:- ACB (India) Ltd
Installed capacity (Total): 2X135MW

Name of Thermal Power Plant:-
2x135 MW,Washery Reject Based Thermal Power
Post : Jawali ,Police station :-Dipika ,Teh:-Katghora,Dist:-Korba(C.G.)-495445

All quantities in Million Ton.

SN	MONTH	ASH GENERATION AND UTILIZATION							MODE OF ASH UTILIZATION AND UTILIZATION IN EACH MODE								
		Coal Washry Reject Consumed	Ash content of Coal(%)	Ash Generation	Ash Utilized	Ash utilization in percentage	In making fly ash based bricks/Blocks/Tiles etc.	In manufacturing of Portland pozzolona cement	In construction of Highway& Roads including Flyovers	Part replacement of Cement in concrete	In hydro Sector as part replacement of cement in roller compacted concrete Dam Construction	In Ash Dyke Raising/making	In reclamation of Low Lying Area	In mine filling	In Agriculture /Waste Land Development	Others(pl Specify)	
1	Apr-16	0.15477	56.00	0.086671	0.08667	100	0.0072	Nil	0	Nil	Nil	0.079471	Nil	Nil	Nil		
2	May-16	0.14681	57.80	0.084856	0.08486	100	0.0072	Nil	0	Nil	Nil	0.077657	Nil	Nil	Nil		
3	Jun-16	0.13842	57.20	0.079176	0.07918	100	0.0072	Nil	0	Nil	Nil	0.071976	Nil	Nil	Nil		
4	Jul-16	0.20132	56.6	0.113947	0.09775	86	0.0072	Nil	0	Nil	Nil	0.090548	Nil	Nil	Nil		
5	Aug-16	0.20516	57.2	0.117352	0.11735	100	0.0072	Nil	0.01	Nil	Nil	0.100152	Nil	Nil	Nil		
6	Sep-16	0.17419	57.1	0.099462	0.09946	100	0.0072	Nil	0.012	Nil	Nil	0.080263	Nil	Nil	Nil		
7	Oct-16	0.19256	56.90	0.109567	0.10957	100	0.0072	Nil	0	Nil	Nil	0.102367	Nil	Nil	Nil		
8	Nov-16	0.16906	55.60	0.093997	0.11273	120	0.0072	Nil	0.015	Nil	Nil	0.090533	Nil	Nil	Nil		
9	Dec-16	0.17634	56.60	0.099808	0.11027	110	0.0072	Nil	0.025	Nil	Nil	0.078068	Nil	Nil	Nil		
10	Jan-17	0.17906	56.50	0.101169	0.10117	100	0.0072	Nil	0	Nil	Nil	0.093969	Nil	Nil	Nil		
11	Feb-17	0.14969	56.30	0.084276	0.08885	105	0.0072	Nil	0	Nil	Nil	0.081653	Nil	Nil	Nil		
12	Mar-17	0.11297	57.6	0.065071	0.06922	106	0.0072	Nil	0	Nil	Nil	0.062019	Nil	Nil	Nil		
	Yearly Total	2.00035	56.8	1.135353	1.15708	102	0.0864	0	0	0	0	1.008676	0	0	0		

Senior GM (O&M)

2X135MW , TPP, ACB(India)Ltd,

Kasaipali, Korba (CG)

for MWD
Add: GM(Chemical)

2X135MW, TPP