



**COAL AND POWER LIMITED**

(Formerly ST-CLI Coal Washeries Ltd.)  
Village Ratiza, Taluka Katghora, Korba

Ref: SCPL/2X50 MW /Fly Ash/ Yearly Report, 17-18/08

Date: 21/04/2017

To,

The Chief Engineer,  
Thermal Civil Design Division  
Central Electric Authority,  
9<sup>th</sup> Floor, North Wing,  
Sewa Bhawan, R K Puram, New Delhi – 110066  
Email – tcdce@nic.in

Sub: Yearly Data of Fly Ash Generation & Utilization for the period of April-2016 To March -2017 In respect to spectrum Coal & Power Ltd. 2X 50 MW Power Plant at Village Ratiza ,Distt. Korba (C.G.).

Ref: You're Letter no. 1/8/1/DATA/2017/TCD/ Dated 18- April,2017.

Dear Sir,

With reference to above, It is to submit that Spectrum Coal & Power Ltd., 2X 50MW Power Plant at Village Ratiza , Korba (C.G.) , the fly ash generation & utilization report for period of April -2016 to March -2017 in respect of the said power station is furnished herewith enclosed format.

Thanking You

For Spectrum Coal & Power Ltd.  
2X50 MW Power Plant

Authorized Signatory  
General Manager (Power)

Enclosed: Fly Ash Data in Format

Ministry of Power  
Central Electricity Authority  
Thermal Civil Design Division

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

Name of power utility:- SCPL LTD.  
Period of report -1st April, 2016 to 31st March 2017

Name of Thermal Power Plant:-  
Spectrum Coal & Power Ltd, Vill. Ratiza  
Taluka- Katghora, Korba  
Dist:-Korba(C.G.)-495445

(A)Thermal Power Station								(B)Details of nodal Officer				(C)Coal				
SN	Name of Thermal Power Station	District	State	Environmental Zone	Unit No.	Installed Capacity/ (MW)	Date of commissioning Unit No.01 & 02	Name	Designation	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 percentage)
(.1)	(.2)	(.3)	(.4)	(.5)	(.6)	(.7)	(.8)	(.9)	(.10)	(.11)	(.12)	(.13)	(.14)	(.15)	(.16)	(.17)
1	2X50 MW,Ratiza	KORBA	Chhattisgarh	critical	01 & 02	2X50MW	27/02/2013 & 20/10/2016	Sanjay Azad	Add.GM	Land Line No.07815256695 Mob.No.7352482306	sanjy.azad@acbindia.com	Reject Coal based plant	1.0 KM	515730.7	2480	55-60%

Sr chemist  
2X50MW,TPP Spectrum coal & power ltd  
Ratiza,Korba(CG)

MINISTRY OF POWER  
CENTRAL ELECTRICITY AUTHORITY  
THERMAL CIVIL DESIGN DIVISION

Ash Disposal Facilities Available at Thermal Power Station, Mode of Disposal (Dry & Wet) and Ash Stock Available (Fly Ash, Bottom Ash & Pond Ash)

Name of Power Utility: SCPL limited

Name of Thermal Power Plant:- Spectrum Coal & Power Ltd, Vill.-Ratiza, Taluka-Katghora, Dist.:-Korba(C.G.)-495445

PERIOD OF REPORT - 1st April, 2016 to 31st March, 2017

Sl.No.	Name of Thermal Power Station	Existing facilities for Ash disposal		Location & Distance of Ash Disposal Area from TPS (KM)	Area acquired for Ash Disposal (Ha)	Design Life of Disposal Area (Years)	Additional Area if any proposed (Ha)	Ash Disposal			Ash Stock Available as on 31.03.2017		
		Dry	Wet					Dry Ash (MT)	Wet Ash (MT)	Fly Ash (MT)	Bottom Ash (MT)	Pond Ash (MT)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
1	2x50 MW Ratiza	Conditioned ash in closed truck		Various	15.6 ha	5-5.5 years	under process	0.0	approx 201483.23	0.00	0.00	106681.52	

Sr.Chemist  
  
2X50MW, TPP, Spectrum Coal & Power Ltd.  
Ratiza Korba(CS)

Ministry of Power  
Central Electricity Authority  
Thermal Civil Design Division

### Monthly Abstract of Ash Generation and Utilisation

(For the period for 1<sup>st</sup> April, 2016 to 31<sup>st</sup> March, 2017)

Name of power utility:- Spectrum Coal & Power Ltd.  
Installed capacity (Total): 2X 50 MW  
PERIOD OF REPORT - 1<sup>st</sup> April, 2016 to 31<sup>st</sup> March, 017

Name of Thermal Power Plant:-  
SPECTRUM COAL & POWER LTD 2X50 MW Reject Coal Based Thermal Power Plant,  
Village - Ratiza, Taluka Karghona, Korba, Dist.:- Korba (C.G.)  
All quantities in MT

SN	MONTH	ASH GENERATION AND UTILIZATION							MODE OF ASH UTILIZATION AND UTILIZATION IN EACH MODE								
		Coal consumed (Ton)	Ash content of Coal(%)	Ash Generation(Ton)	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 Power Sector in RCC Dam Construction	In Ash Dyke Raising/making	In reclamation of Low Lying Area	In mine filling	In Agriculture /Waste Land Development	Others	
1	Apr-16	42479.65	55.84	23720.64	9996.00	42.14%	1150	Nil	Nil	Nil	Nil	8846	Nil	Nil	Nil		
2	May-16	11474.58	56.00	6425.76	6425.76	100.00%	750	Nil	Nil	Nil	Nil	5676	Nil	Nil	Nil		
3	Jun-16	3396.31	58.50	1986.84135	1050.00	52.85%	1050	Nil	Nil	Nil	Nil	0	Nil	Nil	Nil		
4	Jul-16	20210.24	58.42	11806.82	1100.00	9.32%	1100	Nil	Nil	Nil	Nil	0	Nil	Nil	Nil		
5	Aug-16	33436.45	58.22	19466.70	19466.70	100.00%	1250	Nil	Nil	Nil	Nil	18217	Nil	Nil	Nil		
6	Sep-16	34584.65	58.47	20221.64	20221.64	100.00%	1270	Nil	Nil	Nil	Nil	18952	Nil	Nil	Nil		
7	Oct-16	35780.16	58.80	21038.73	21038.73	100.00%	1200	Nil	Nil	Nil	Nil	19839	Nil	Nil	Nil		
8	Nov-16	37194.24	57.12	21245.35	12105.40	56.98%	1260	Nil	Nil	Nil	Nil	10845	Nil	Nil	Nil		
9	Dec-16	51224.65	61.25	31375.10	1280.00	4.08%	1280	Nil	Nil	Nil	Nil	0	Nil	Nil	Nil		
10	Jan-17	82973.68	60.85	50489.48	27059.00	53.59%	1295	Nil	Nil	Nil	Nil	25764	Nil	Nil	Nil		
11	Feb-17	68839.86	61.25	42164.41	37772.00	89.58%	1280	Nil	Nil	Nil	Nil	36492	Nil	Nil	Nil		
12	Mar-17	94136.23	61.85	58223.26	43968.00	75.52%	1260	Nil	Nil	Nil	Nil	42708	Nil	Nil	Nil		
<b>Total</b>		<b>515730.70</b>	<b>58.88</b>	<b>308164.74</b>	<b>201483.23</b>	<b>69.66%</b>	<b>14145</b>	Nil	Nil	Nil	Nil	<b>187338</b>	Nil	Nil	Nil		

Sr. Chemist  
2X50MW, JPP, Spectrum Coal & Power Ltd,  
Ratiza, Korba(CG)

