



**KSK Mahanadi Power Company Limited**  
CIN No. : U40300TG2009PLC86462

Works:  
Near Nariyara Village,  
Akaltara Tehsil,  
Jangir - Champa District,  
Chhattisgarh  
Tel (S&S) : 07817-284001

Registered Office  
B-2-25Q/82/A/431A,  
Road No.22, Jubilee Hills  
Hyderabad - 500033  
Tel : +91-40-23559922-25  
Tel : +91-40-23558701  
Fax: +91-40-23559930

CPCB,ND/MVRN/2500101/498

**Date: 20.04.2020**

**To**  
**The Divisional Head-IPC-II,**  
**Central Pollution Control Board,**  
**East Arjun Nagar, Shahadara,**  
**Delhi-110032**

**(Kind Attention to Mr. Nazimuddin)**

**Sub: -** Submission of Annual Fly Ash Utilization data for FY2019-2020-Reg.

**Ref.:-** Fly Ash Notification S.O.2804, 3<sup>rd</sup> November, 2009.

**Sir,**

With reference to the above subject and cited reference, we are enclosing herewith the Annual Fly Ash Generation & Utilization data for FY 2019-20 in the prescribed format for M/s KSK Mahanadi Power Company Limited, Village-Nariyara, Akaltara, Chhattisgarh.

This is for your kind reference & perusal please.

Thanking you,

Your's faithfully

For M/s **KSK Mahanadi Power Company Limited.**

**Dr. M.V.R.N Acharyulu**  
**(Authorized Signatory)**

**Encl. -** Annual Fly Ash Generation & Utilization Report for FY 2019-20.

**Fly Ash Notification S.O. 2804(E), 3<sup>rd</sup> November, 2009 –  
Statutory Compliance Report for the period 01.04.2019 to 31.03.2020-KSK Mahanadi  
Power Company Limited, Nariyara, Chhattisgarh**

S. No.	Item	Reply
1	Name of Thermal Power Station	M/s K.S.K Mahanadi Power Company Ltd.
2	Full address including Pin code	M/s K.S.K Mahanadi Power Company Ltd., Village- Nariyara, Tehsil-Akaltara, District- Janjgir,- Champa Chhattisgarh, Pin-495553
3	E-mail address	<a href="mailto:acharyulu.m@ksk.co.in">acharyulu.m@ksk.co.in</a> ; <a href="mailto:envksk@ksk.co.in">envksk@ksk.co.in</a> ; <a href="mailto:env.kmpcl@ksk.co.in">env.kmpcl@ksk.co.in</a>
4	Name of the Nodal Officer (not below the rank of DGM / Dy. CE / or equivalent ) dealing with ash/environment management and designation	Dr. M.V.R.N.Acharyulu Sr.Dy.GM (Functional Head of Environment)
5	Contact No.	+91-8897509968
6	Fax No. Email:	<a href="mailto:acharyulu.m@ksk.co.in">acharyulu.m@ksk.co.in</a> ; <a href="mailto:env.kmpcl@ksk.co.in">env.kmpcl@ksk.co.in</a> ;envksk@ksk.co.in
7	Capacity of the Thermal Power Station (MW)	3600 MW (6 x 600 MW)
8	Details of Number of Units and capacity of each unit	3 x 600 MW (Operational Stage)
9	Coal / Lignite Consumption in 2019-2020 (in Million Tonnes)	6.51 MMT

**A. Ash Generation in 2019-2020 (in tonnes).**

10	Bottom Ash	238070 MT			
11	Fly Ash	Unit-3	Unit-4	Unit-2	Total
		388342	773108	847571	2009021
	<b>Total A (10 to 11)</b>	<b>2247091 MT</b>			

**B. Ash unutilised (in tonnes)**

12	Ash Pond disposal	NIL
13	Ash yard	NIL
14	Ash Dump	NIL
	<b>Total B (12 to 14)</b>	<b>NIL</b>

**C. Ash utilization in 2019-2020 (in tonnes)**

	Purpose for which ash is utilized	Target (as per action plan)	Actual			
			From ESP Dry Ash (1)	From Pond Ash (2)	From Bottom Ash (3)	Total (1+2+3)
15	Ash dyke raising (if applicable)	100%	--	--	--	--
16 *	Cement industry		739246	Nil	Nil	739246
17	Land fill		146309	1281	Nil	147590
18	Own Brick Unit		--	--	--	--
19 *	Outside brick Units other than brick kilns		41496	Nil	Nil	41496
20 *	Brick Kilns		--	--	--	--
21	Own ash based products (other than bricks)		--	--	--	--
22	Ash based products		--	--	--	--

	(outside)					
23 *	Road and Flyover Embankments		5952	--	--	5952
24 *	Back filling of mines		583275	683333	--	1266608
25	Agriculture		--	--	--	--
26	Ready mix concrete		--	--	--	--
27	Asbestos		--	--	--	--
28 *	Exports		--	--	--	--
29	Others (Bottom ash storage at specific Bottom Ash dyke)		--	--	238070	--
	<b>Total C (15 to 29)</b>		<b>1516278</b>	<b>684614</b>	<b>238070</b>	<b>G. Total: 2438962</b>

#### D. Reasons for variation from the target

1. 100% Fly Ash has been achieved as per the target in addition 9% extra utilization in terms of Pond Ash utilization.
- 2.
- 3.

#### E. Remedial Measures taken

1. Identifying the new users for back-filling of voids or low lying areas.
- 2.
- 3.

#### F. Quantity in ash pond

30.	Estimated quantity of Pond ash in active ash pond (pond in use) as on 31.03.2020 (in Million Tonnes)	i) Fly Ash= 1.036400 MMT ii) Bottom Ash=0.94429 MMT
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#### G. Ash Pond Details

31	Total area ear marked for ash ponds (ha)	Forest Area	Non Forest Area	Total
32	Ash ponds already filled dup and reclaimed (ha)	NA	NA	--
33	Ash ponds already filled up but yet to be reclaimed (ha)	NA	NA	--
34	Ash ponds in use (ha) (Active ash ponds)	No	Non-Forest	66Ha.
35	Area earmarked for ash ponds but ash ponds yet to be constructed (ha)	NA	NA	--

#### H. Dry ash collection facilities

36	Dry fly ash collection facility available	Yes
37	If yes, how many units	2 nos. of Fly Ash Silo having capacity 3800MT each.

#### I. Dry fly ash storage

38	Daily Ash Generation (TPD)	Capacity of storage as on 31.03.2020 (tonnes)	Capacity proposed if any in 2019-2020 (tonnes)
	6156 MT	3800 MT	Nil

#### J. Capital Expenditure (Rs. Lakhs)

	Item	Item Expenditure in 2019-2020 (Rs. Lakhs)	Budgetary provision in 2019-2020 (tonnes)
39	Bottom Ash collection facility	--	--
40	Dry fly ash storage	--	--

**K. Dispute Settlement Committee**

41	No. of meetings held in 2019-2020	If no meetings were held, reason for the same
	--	--

**L. Provision regarding supply to the brick kilns**

42	Whether the Thermal Power Station is maintaining month-wise records of ash made available to each brick kiln	--		
43	If yes, how many brick kilns have been supplied with fly ash	--		
	Mode of transport of Ash: Truck / Trailer / Closed Container / Covered with Tarpaulin / Open	44	Dry ash	<b>Bulkers</b>
		45	Wet Ash	<b>Covered with Tarpaulins</b>

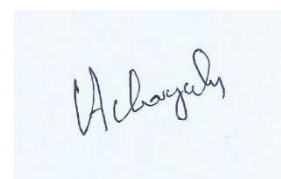
**M. Promotional Measures**

		No. of meetings / workshops exhibition held during 2019-2020	Amount spent in 2019-2020 (Rs. Lakhs)	Outlay for 2019-2020 (RS. Lakhs)
46	Public Awareness Campaign	<b>12</b>	<b>1.2</b>	--
47	Exhibitions	--	--	--
48	Seminars / Workshops	--	--	--
49	Advertisement in Newspapers	--	--	--
50	TV / Radio Advertisements	--	--	--
51	TV / Radio Advertisements	--	--	--
	<b>Total M (46 to 51)</b>	<b>12 nos.</b>	<b>1.2 Lakh</b>	--

**52. Administrative Measure taken**

S. No.	Administrative Measure	Outcome
(i)	Meeting with brick manufacturers	
(ii)	Meeting with State Government / Agencies	Meeting attended at CECB, Raipur office, CECB, Chhattisgarh office.
(iii)	Any other measure (please specify)	Meeting held with National Highway authorities for utilization of ash in their highway project. Approached Mining dept. to allocate excavated mines pits for reclamation with ash.

Signature of the Plant Head


Name: **Dr. M.V.R.N Acharyulu**Designation: **Sr.Dy.GM (Functional Head of Environment)**Date: **18.04.2020**