

Ref: GPGSL/PPCB/2018/



Date: 19th April. 2018

To
The Member Secretary,
Central Pollution Control Board
East Arjun Nagar, Shahadara,
Delhi-110032

Sub: 2X270 MW GVK Goindwal Sahib Coal based thermal power plant at Goindwal Sahib Village, Tarn Taran District, Punjab - Submission of Annual Fly Ash Utilization Reports for the year 2017-18- reg.

Ref: 1. Mail received on dated 9th April, 2018 13:55PM.

Sir,

This has reference to the above mentioned subject we are pleased to submit the copy of Annual Fly Ash Utilisation report for the year 2017-18. For your kind information please.

Yours sincerely,

for GVK Power (Goindwal Sahib) Limited

Vikas Chandra Shukla
Plant Head (O&M)



Encl: Duly filled up Statutory Compliance Report of Fly Ash Utilisation for the period 01.04.2017 to 31.03.2018.

CC: 1- SE (Fly ash)- HQ, PPCB, Vatavaran Bhavan, Nabha Road, Patiala.
2- Northern Regional Office, MoEFCC, Addl. Principal Chief Conservator of Forests (Central) Bay No.24-25, Sector 31-A, Dakshin Marg, Chandigarh-160030.

GVK Power (Goindwal Sahib) Limited
Goindwal Sahib Kaputhala Road,
Goindwal Sahib,
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**Fly Ash Notification S.O. 2804(E), 3rd November, 2009 –
Statutory Compliance Report for the period 01.04.2017 to 31.03.2018**

S. No.	Item	Reply
1	Name of Thermal Power Station	GVK Power (Goindwal Sahib) Limited
2	Full address including Pin code	Goindwal Sahib Kapurthala Road, Goindwal Sahib (143422), India.
3	E-mail address	vc.shukla@@gvk.com
4	Name of the Nodal Officer (not below the rank of DGM / Dy. CE / or equivalent) dealing with ash/environment management and designation	Lokendra Kumar, Manager (Environment)
5	Telephone No.	+91 8195074700
6	Fax No. Email:	lokendra.kumar@gvk.com
7	Capacity of the Thermal Power Station (MW)	540 MW
8	Details of Number of Units and capacity of each unit	2X270 MW
9	Coal / Lignite Consumption in 2017-2018 (Million Tonnes)	1.00

A. Ash Generation in 2017-2018 (in tonnes).

10	Bottom Ash	78721
11	Fly Ash	281882
	Total A (10 and 11)	360603

B. Ash unutilised (in tonnes)

12	Ash Pond disposal	96152
13	Ash yard	0
14	Ash Dump	0
	Total B (12 and 14)	96152

C. Ash utilization in 2017-2018 (in tonnes)

	Purpose for which ash is utilized	Target (as per action plan)	Actual			
			From ESP Dry Ash	From Pond Ash	From Bottom Ash	Total
15	Ash pond dyke rising	78721	17431	0	78721	96152
16 *	Cement industry	281882	264451	0	0	264451
17	Land fill	0	0	0	0	0
18	Own Brick Unit	0	0	0	0	0
19 *	Outside brick Units other than brick kilns	0	0	0	0	0
20 *	Brick Kilns	0	0	0	0	0
21	Own ash based products (other than bricks)	0	0	0	0	0

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22	Ash based products (outside)	0	0	0	0	0
23 *	Road and Flyover Embankments	0	0	0	0	0
24 *	Back filling of mines	0	0	0	0	0
25	Agriculture	0	0	0	0	0
26	Ready mix concrete	0	0	0	0	0
27	Asbestos	0	0	0	0	0
28 *	Exports	0	0	0	0	0
29	Others (please specify)	0	0	0	0	0
	Total C (15 to 29)	360603	281882	0	78721	360603

D. Reasons for variation from the target

During the rainy season, heavy rainfall taken place in the Himachal Pradesh /NE region of Punjab where our ash is being utilized, because of that road connectivity was disturbed that impacted on transportation of ash & it utilization.

E. Remedial Measures taken

It was normalized after 15-20 days.

F. Quantity in ash pond

30.	Estimated quantity of Pond ash in active ash pond (pond in use) as on 31.03.2018 (million tonnes)	0.096
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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)	0	0	0
33	Ash ponds already filled up but yet to be reclaimed (ha)	0	0	0
34	Ash ponds in use (ha) (Active ash ponds)	0	76.8089	76.8089
35	Area earmarked for ash ponds but ash ponds yet to be constructed (ha)	0	0	0

H. Dry ash collection facilities

36	Dry fly ash collection facility available	Yes
37	If yes, how many units	Two (02 Nos.)

I. Dry fly ash storage

38	Daily Ash Generation (TPD)	Capacity of storage as on 31.3.2018 (tonnes)	Capacity proposed if any in 2018-2019 (tonnes)
	1106	2000	NA

J. Capital Expenditure (Rs. Lakhs)

	Item	Item Expenditure in 2017-2018 (Rs. Lakhs)	Budgetary provision in 2018-2019 (tonnes)
39	Bottom Ash collection facility	NA	NA

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40	Dry fly ash storage	NA	NA
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K. Dispute Settlement Committee

41	No. of meetings held in 2017-2018	If no meetings were held, reason for the same
	No meeting held	No dispute

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	Presently, Fly ash generated at our plant is being utilized by cement manufacturing units only. However, ash is make available for brick kiln also with free of any charges.		
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	Closed Container
		45	Wet Ash	-

M. Promotional Measures

		No. of meetings / workshops exhibition held during 2017-2018	Amount spent in 2017-2018 (Rs. Lakhs)	Outlay for 2017-2018 (Rs. Lakhs)
46	Public Awareness Campaign	As our plant was operated for a short period and as plant run continuously, we will take necessary promotional measures for ash utilization to conform the fly ash notification.		
47	Exhibitions			
48	Seminars / Workshops			
49	Advertisement in Newspapers			
50	TV / Radio Advertisements			
51	TV / Radio Advertisements			
	Total M (46 to 51)			

52. Administrative Measure taken

Sr. No.	Administrative Measure	Outcome
(i)	Meeting with brick manufacturers	An meeting with cement / brick manufacturers was organized at GVK Power (Goindwal sahib) Ltd, and constituted a group comprising of cement / brick manufacturers and GVK officers for proper monitoring as well as ensuring the ash

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		<p>utilization in order to comply the provisions of fly ash notification and in the meeting the following measures were taken as</p> <ul style="list-style-type: none"> • Only ash bulkers are to be allowed for transporting the fly ash from our plant to destination point. • Ash is to be utilized only for cement/bricks manufacturing, not for open dumping/leveling etc. • End users of ash, are required to have NOC from state pollution control board to use it, if possible. • 100% utilisation of fly ash is to be done without failure.
(ii)	Meeting with State Government / Agencies	<p>An meeting was attended with monitoring committee constituted by Govt. of Punjab Dept. of Science and Technology and Environment, on 20.02.2018 regarding utilization of fly ash generation from thermal power plant, in the meeting it was decided that TPP to constitute the committee to overcome the hurdles to achieve the 100% utilization of fly ash. In order to comply, an group constituted to ensuring the gainful and 100% ash utilization as attached.</p>
(iii)	Any other measure (please specify)	



Vikas

Signature of the Plant Head

Name: Vikas Chandra Shukla
 Designation: Plant Head (O&M)
 Date: 19th April 2018

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