



**Works :**

P.B. No.9, Toranagallu  
Dist. Ballari-583 123. Karnataka, India.  
CIN. : L74999MH1994PLC077041  
Phone : 08395 - 282 200  
Website : www.jsw.in

Ref. No. JSWEL/ Ash/ Auth/ **7785**  
Date.: April 28, 2023

To

The Addl. Principal Chief Conservator of Forests (C),  
Ministry of Environment, Forests and Climate Change,  
Regional Office (South Zone),  
Bangaluru.

**Sub:** Fly Ash Notification S.O. 5481(E), 31<sup>st</sup> December 2021 Statutory Compliance  
Report of **2 x 130MW & 2 x 300 MW JSW Energy limited** for the period 01.04.2022 to  
31.03.2023.

Dear Sir,

This has reference to the subject cited under reference above, we hereby submit the  
compliance reports of fly ash generation and utilization for the period April 2022 to March  
2023 in the prescribed format.

Kindly acknowledge the receipt of the same.

Thanking you.

Yours faithfully,  
for **JSW Energy Limited**

Kartikeya Misra  
Vice President & Head of Plant

Copy to:

KSPCB, Divisional office, Ballari  
CPCB, Bangaluru  
CPCB, New Delhi.  
Director, MoE&FCC, New Delhi.





	(vii) Construction of dams: (vi i i) Filling up of low lying area: (ix) Filling of mine voids: (x) Use in overburden dumps: (xi) Agriculture: (xii) Construction of shoreline protection structures in coastal districts: (xiii) Export of ash to other countries: (xiv) Othes (please specify): Construction (MTP) (xv) Total quantity of current ash unutilised (MTP) during reporting period:	c) (xiv) 4887 MT (Reused in coal yard for process purpose) c)(xiv) 7338 MT (others: slime pond bund embankment) c)(xv) 0 MT										
16	Percentage utilisation of current ash generated during reporting period (Percent)	100%										
17	Details of disposal of ash in ash ponds (a) Total quantity of ash disposed in ash pond(s) (Metric Tons) (excluding reporting period): MT (b) Quantity of ash disposed in ash pond(s) during reporting period (Metric Tons): (c) Total quantity of water consumption for slurry discharge into ash ponds during reporting period (m3): (d) Total number of ash ponds: (i) Active: (ii) Exhausted (yet to be reclaimed) : (iii) Reclaimed: MT (e) total area under ash ponds (ha):	(a) 35160 MT (b) 0 c) Not applicable (d) 1 (total ash pond ) (d)(i) 1 (active ash pond) (d)(ii) 0 (exhausted) 35160 MT (reclaimed) e) 3.495 Ha (Ash pond Area)										
18	Individual ash pond details Ash ponds-1,0, etc ( please provide below mentioned details Separately, if number of ash ponds is more than one) (a) Status : Under construction or Active or Exhausted or Reclaimed (b) Date of start of ash disposal in ash pond (DD/MM/YYYY or MMYYYY): (c) Date of stoppage of ash disposal in ash pond after completing its capacity (DD/MM/YYYY or MM/YYYY): (Not applicable for active ash ponds) (d) area (hectares): (e) dyke height (m): (f) volume (m3): (g) quantity of ash disposed as on 31st March (Metric Tons): (h) available volume in percentage (per cent) and quantity of ash can be further disposed (Metric Tons): (i) expected life of ash pond (number of years and months): (j) co-ordinates (Lat and Long): (please specify minimum 4 co-ordinates) (k) type of lining carried in ash pond: HDPE lining or LDPE lining or clay lining or No lining l) mode of disposal: Dry disposal or wet slurry (in case of wet slurry please specify whether HCSD or MCSD or LCSD) (m) Ratio of ash: water in slurry mix (1:___ ): (n) Ash water recycling system (AWRS) installed and	a) Active b) 2011 c) Not applicable d) 3.495 Ha e) Not applicable f) 2.75 lac cum g) 0 h) 100% & 3.3 lac MT (ash density considered as 1.2 g/cc) (i) 25 years (j) coordinates: <table border="1"> <thead> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>15° 11' 24" N,</td> <td>76° 40' 23" E</td> </tr> <tr> <td>15° 11' 26" N</td> <td>76° 40' 25" E</td> </tr> <tr> <td>15° 11' 23" N</td> <td>76° 40' 30" E</td> </tr> <tr> <td>15° 11' 22" N</td> <td>76° 40' 28" E</td> </tr> </tbody> </table> (k) HDPE lining	Latitude	Longitude	15° 11' 24" N,	76° 40' 23" E	15° 11' 26" N	76° 40' 25" E	15° 11' 23" N	76° 40' 30" E	15° 11' 22" N	76° 40' 28" E
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	<p>functioning: Yes or No  (o) Quantity of wastewater from ash pond discharged into land  or water body (m3):  (p) Last date when the dyke stability study was conducted and  name of the organisation who conducted the study:  (q) Last date when the audit was conducted and name of the  organisation who conducted the audit:</p>	<p>(l) Dry disposal  (m) Not applicable  (n) Not Applicable  (o) Not applicable</p> <p>(p) This point is not applicable since ash pond is lying below ground and 100% empty.  (q) Not applicable</p>																
19	<p>Quantity of legacy ash utilised (MT in reporting period):</p> <ul style="list-style-type: none"> <li>i. Fly ash based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or panels):</li> <li>ii. Cement manufacturing:</li> <li>iii. Ready mix concrete:</li> <li>iv. Ash and Geo-polymer based construction material:</li> <li>v. Manufacturing of sintered or cold bonded ash aggregate:</li> <li>vi. Construction of roads, road and flyover embankment: MT</li> <li>vii. Construction of dams:</li> <li>viii. Filling up of low lying area:</li> <li>ix. Filling of mine voids:</li> <li>x. Use in overburden dumps:</li> <li>xi. Agriculture:</li> <li>xii. Construction of shoreline protection structures in coastal districts;</li> <li>xiii. Export of ash to other countries:</li> <li>xiv. Others (please specify):</li> </ul>	<p>(19) 35160 MT</p> <p>(19) (vi) 35160 MT</p>																
20	<p>Summary:</p> <table border="1" data-bbox="151 1305 778 1603"> <thead> <tr> <th data-bbox="151 1305 778 1440">Details</th> <th data-bbox="778 1305 1152 1440">Quantity generated (MT)</th> <th data-bbox="1152 1305 1326 1440">Quantity utilised (MT) and (%)</th> <th data-bbox="1326 1305 1471 1440">Balance quantity (MT)</th> </tr> </thead> <tbody> <tr> <td data-bbox="151 1440 778 1507">Current ash during reporting period</td> <td data-bbox="778 1440 1152 1507">212957</td> <td data-bbox="1152 1440 1326 1507">212957 (100%)</td> <td data-bbox="1326 1440 1471 1507">0</td> </tr> <tr> <td data-bbox="151 1507 778 1574">Legacy ash</td> <td data-bbox="778 1507 1152 1574">35160</td> <td data-bbox="1152 1507 1326 1574">35160 (100%)</td> <td data-bbox="1326 1507 1471 1574">0</td> </tr> <tr> <td data-bbox="151 1574 778 1603">Total</td> <td data-bbox="778 1574 1152 1603">248117</td> <td data-bbox="1152 1574 1326 1603">248117</td> <td data-bbox="1326 1574 1471 1603">0</td> </tr> </tbody> </table>	Details	Quantity generated (MT)	Quantity utilised (MT) and (%)	Balance quantity (MT)	Current ash during reporting period	212957	212957 (100%)	0	Legacy ash	35160	35160 (100%)	0	Total	248117	248117	0	
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21	<p>Any other information:  Soft copy of the annual compliance report, and shape files of power plant and ash ponds may be e-mailed to:- moefcc-coalash@gov.in</p>																	
22	<p>Signature of Authorised Signatory</p>																	