

BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI

ORIGINAL APPLICATION NO. 878 of 2022

In the matter of:

**Tamil Nadu Fly Ash Brick & Blocks
Manufacturers Association**

...Applicant

v.

Union of India & Ors.

...Respondents

INDEX

S. No.	Particulars	Page No.
1.	Common Counter Affidavit filed by Respondent Nos. 14 to 17	1- 18
2.	Vakalatnama and Delegation of Powers	19- 23
3.	Compilation of documents filed by Respondent Nos. 14 to 17	Separate Volume

Dated: 17th March 2023

Place: New Delhi


Chitranshul A. Sinha
M/s Dua Associates

Counsel for the Respondent Nos. 14 to 17
202-206, Tolstoy House,
15, Tolstoy Marg,
New Delhi – 110001
+91-9650872772
chitranshul@duaassociates.com

BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI

ORIGINAL APPLICATION NO. 878 of 2022

In the matter of:

**Tamil Nadu Fly Ash Brick & Blocks
Manufacturers Association**

...Applicant

vs.

Union of India & Ors.

...Respondents

**COMMON COUNTER AFFIDAVIT FILED BY RESPONDENT NOS. 14
TO 17**

I, Mr.K.Arivazhagan, son of V.Kandasamy aged about 55, Deputy General Manager/Civil, Nodal officer/Fly Ash/Thermal, having office at Thermal Power Station-II, NLC India Limited, Neyveli duly authorised by NLC India Ltd, the Answering Respondent Nos. 14 to 17 herein, do hereby solemnly state and affirm as follows:

1. I state that I am the authorised representatives of NLC India Ltd. (**Answering Respondent Nos. 14 to 17**) and am competent to swear and depose to the present Affidavit which pertains to NLC India limited – TPS 1 Expansion, TPS 2, TPS 2 Expansion and NNTPS. The present Application has been filed by the Tamil Nadu Fly Ash Brick and Blocks Manufacturers Association, *inter-alia* seeking a direction against Respondent Nos. 6 to 18, to stop selling Fly Ash, in violation of the order dated 25.08.2022, issued in O.A. 327 of 2022 by this Hon'ble Tribunal. It is respectfully submitted that the said order has been stayed by the Hon'ble Supreme Court in Civil Appeal (Dy. No. 5195 & 5196 of 2023) *vide* order dated 24.02.2023, and the same is pending final adjudication before the Hon'ble Supreme Court.
2. It is submitted that NLC India Ltd. ("NLCIL") is a Central Public Sector Undertaking and a limited company incorporated in the year 1956. It is categorized as a Navratna Company and falls under the administrative control of the Ministry of Coal, Government of India.

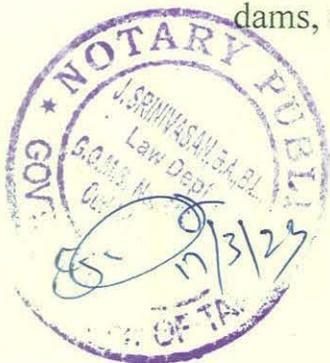


E. Jeyaraj
NODAL OFFICER/FLY ASH,
NLC India Limited,
NEYVELI

3. NLCIL was set up by the Government of India to ensure that the electricity demands of the State of Tamil Nadu and the neighbouring States such as Andhra Pradesh, Kerala, Karnataka, Telangana and Union Territory of Puducherry are met. NLCIL has commissioned thermal power plants namely, TPS I Expansion, TPS II, TPS II Expansion and Neyveli New Thermal (NNTPS) within the territory of Neyveli, Tamil Nadu.

BACKGROUND ON REGULATION OF FLY ASH

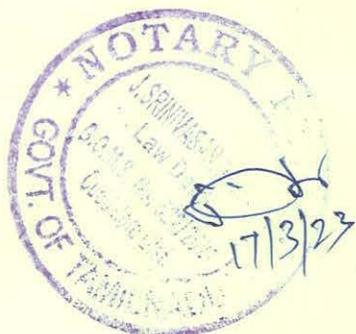
4. The Respondents submit that 'Fly Ash' is a by-product that is generated in Thermal Power Plants ('TPP'), while burning the lignite to generate electric power. The Fly Ash is a fine powder recovered from the gases of burning lignite, that is routinely removed from the boilers. The ash content of lignite is around 7% to 13%. Earlier, TPPs faced several issues in disposing the Fly Ash in an environmentally sustainable manner, as a huge quantity of Fly Ash is generated in these TPPson a daily basis.
5. However, subsequent research had shown that Fly Ash has potential to act as invaluable ingredient in various civil engineering activities particularly in cement and brick manufacturing industries and complements the structural characteristics of concrete elements like columns, beams, foundations, roads, bridges etc. As a result, there was a huge impetus to encourage the construction industry to use Fly Ash, and for TPPs to dispose Fly Ash in an environmentally sustainable manner. In this background, the Ministry of Environment & Forests (hereinafter "MoEF") issued Notification dated 14.09.1999 with the objective of promoting the use of Fly Ash generated from coal and lignite based TPPs, in manufacture of building material, and in construction activity. To promote the utilisation of Fly Ash generated by TPPs, the Notification mandated that TPPs shall make Fly Ash available, without any payment or any other consideration, for the purpose of manufacturing ash-based products such as cement, concrete blocks, bricks, panels or any other material or for construction of roads, embankments, dams, dykes or for any other construction activity.



E. Dr. S. S. S.
 NODAL OFFICER/FLY ASH,
 NLC India Limited,
 NEYVELI.

6. It is submitted that pursuant to this Notification, the ash generated in NLCIL's TPPs was used for mine filling, and in Ash Ponds, as envisaged in the design of the TPPs during that period. The ash available in the Ash Ponds were made available free of cost to agencies in the construction industry, including cement and brick manufacturers, as prescribed under the MoEF Notification dated 14.09.1999.
7. The MoEF Notification dated 14.09.1999 has been subsequently amended on 27.08.2003, 03.11.2009, and 25.01.2016 to introduce further measures to encourage 100% Fly Ash utilisation, through supply of Fly Ash to the construction agencies. The key Amendments made to the Notification dated 14.09.1999 is summarised below:

S. No.	Date	Key Amendments
1.	27.08.2003	MOEF amended the 1999 Notification and mandated TPPs to supply 100% of the fly ash bricks/blocks/tiles to construction agencies , in a time bound manner. Further, TPPs were bound to ensure supply of fair quantities of ash to each user.
2.	03.11.2009	MOEF further amended the 1999 Notification. <ul style="list-style-type: none"> introduced a definition of fly ash to mean and include all ash generated such as electrostatic precipitator (ESP) Ash, Pond Ash, etc. All construction agencies within 100kms of TPPs were bound to use only fly ash based products for production in every construction project. Fly ash products categorized based on minimum percentage of fly ash by weight. Introduced free of charge quota of atleast 20% of dry ESP fly ash Pond ash to be made available to fly ash brick manufacturers on a "as is where is" basis



S. Jeyu

NODAL OFFICER/FLY ASH
NLC India Limited
NEYVELI

3.	25.01.2016	MOEF further amended the 1999 Notification. <ul style="list-style-type: none"> • Construction agencies within 300kms from TPPsto use fly ash bricks and fly ash based products • TPPsto upload stock of fly ash based products available with them • cost of transportation of ash to manufacturing units within 100kms of TPPsto be borne by the thermal power plant, and cost between 100-300kms of the plant to be mutually shared
4.	14.07.2016	Clarification issued by the MOEF: TPPsthat had their own fly ash based products manufacturing units were exempted from providing 20% ESP fly ash to fly ash brick manufacturers.

8. It is submitted that subsequent to the MoEF Notification dated 03.11.2009, NLCIL had commission the TPS I Expansion Plant, and in order to comply with the MoEF Notifications, constructed a dedicated dry fly ash collection system. Furthermore, TPS I and TPS II were also upgraded with dedicated dry fly ash collection systems, for which NLCIL has incurred substantial expenditure. Even till date, the Respondents are incurring huge expenditure on the operation and maintenance of the above dry fly ash systems.

9. As a result of the impetus from the MoEF, Fly Ash was increasingly used in construction activities, *inter-alia* for manufacturing clay bricks or tiles or blocks, and soon became a sustainable alternative in the construction industry. Presently, Fly Ash is also being utilized for various purposes, as set out below:

- i) Cement Manufacturing;
- ii) Bricks/ Blocks Manufacturing;
- iii) Filling of Mines;
- iv) Reclamation of low lying area;
- v) Raising of Ash Dykes for capacity augmentation;
- vi) Construction of roads and embankments;
- vii) Agriculture; and
- viii) Manufacture of Concrete etc.



E. Dewip.
 NODAL OFFICER/FLY ASH,
 NLC India Limited,
 NEYVELL.

10. Thus, Fly Ash has become a valuable commodity in the construction agency, and has become an alternative raw material, that is also environmentally sustainable. The objective of the Government has been to encourage TPPs to achieve **100% utilisation of Fly Ash** in construction activities as it aids both the TPPs and the construction industry in being more ecologically sustainable, as it ensures that (a) the TPPs are not dumping Fly Ash in a harmful manner; and (b) construction industry reduces its dependency on cement based products, which causes top soil erosion. Thus, the incentive for free of cost supply of dry ESP Fly Ash of 20% was only with the intention of promoting the construction industry to shift to the use of ash based products and building materials in the construction sector.

Change in Policy in 2021

11. It is submitted that given the changes in the industry, and the increase in demand for Fly Ash as a valuable commodity, the Ministry of Power (“MoP”) and the MoEF introduced Notifications in 2021 to ensure 100% utilisation of Fly Ash, while permitting TPPs to sell Fly Ash as a commodity.

MoP Notification dated 22.09.2021

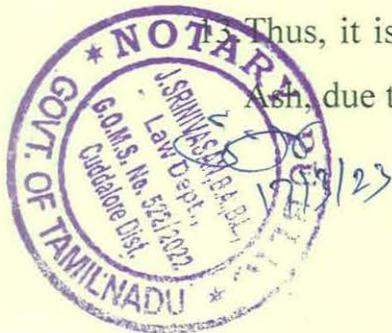
12. The MoP *vide* Notification dated 22.09.2021 permitting TPPs to supply Fly Ash, through a transparent bidding process, while observing as follows:

*“It is observed that the demand of Fly Ash has been increasing year on year basis contributing to increase in the Fly Ash utilization. Fly Ash is emerging as a **valuable commodity**. As the end users of Fly Ash like cement plants, brick kilns, road and construction agencies etc. are **commercial ventures and all their input costs are accounted for**, Fly Ash should invariably be auctioned through a transparent bidding process.”*

(Emphasis Supplied)

A similar Office Order was also introduced by the MoP on 22.02.2022, permitting TPPs to supply Fly Ash through an online bidding process.

Thus, it is evident that there is a change in policy governing supply of Fly Ash, due to the increase in demand of Fly Ash, which has made it a valuable



E. Jeyaraj
NODAL OFFICER/FLY ASH,
NLC India Limited,
NEYVELI.

commodity in the construction industry. Thus, the need for providing free of cost incentives to the construction industry to use fly ash based products no longer persists.

MoEF Notification dated 31.12.2021

14. The MoEF vide Notification dated 31.12.2021 introduced a new regime to regulate the supply of Fly Ash, in supersession of the earlier MoEF Notification dated 14.09.1999, keeping in mind the same objectives of (a) conserving top soil; and (b) preventing dumping and disposal of fly ash from TPPs on land. Few relevant clauses of the said Notification are extracted below:

“A. Responsibilities of thermal power plants to dispose fly ash and bottom ash.—

(1) Every coal or lignite based thermal power plant (including captive or co-generating stations or both) shall be primarily responsible to ensure 100 per cent utilisation of ash (fly ash, and bottom ash) generated by it in an eco-friendly manner as given in sub-paragraph (2);

(2) The ash generated from coal or lignite based thermal power plants shall be utilised only for the following eco-friendly purposes, namely:-

- (i) Fly ash based products viz. bricks, blocks, tiles, fibre cement sheets, pipes, boards, panels;*
- (ii) Cement manufacturing, ready mix concrete;*
- (iii) Construction of road and fly over embankment, Ash and Geo-polymer based construction material;*
- (iv) Construction of dam;*
- (v) Filling up of low lying area;*
- (vi) Filling of mine voids;*
- (vii) Manufacturing of sintered or cold bonded ash aggregate;*
- (viii) Agriculture in a controlled manner based on soil testing;*
- (ix) Construction of shoreline protection structures in coastal districts;*
- (x) Export of ash to other countries;*
- (xi) Any other eco-friendly purpose as notified from time to time.*

B. For the purpose of utilisation of ash, the subsequent sub-paras shall apply.—

(1) All agencies (Government, Semi-government and Private) engaged in construction activities such as roadlaying, road and flyover embankments, shoreline protection structures in coastal districts and dams within 300 kms from the lignite or coal based thermal power plants shall mandatorily utilise ash in these activities:



E. Jeyaraj
**NODAL OFFICER/FLY ASH,
 NLC India Limited,
 NEYVELI.**

Provided that it is delivered at the project site free of cost and transportation cost is borne by such coal or lignite based thermal power plants.

Provided further that thermal power plant may charge for ash cost and transportation as per mutually agreed terms, in case thermal power plant is able to dispose the ash through other means and those agencies makes a request for it and the provisions of ash free of cost and free transportation shall be applicable, if thermal power plant serves a notice on the construction agency for the same.

...
C. Environmental compensation for non-compliance.—

(1) In the first two years of a three years cycle, if the coal or lignite based thermal power plant (including captive or co-generating stations or both) has not achieved at least 80 per cent ash (fly ash and bottom ash) utilisation, then such non-compliant thermal power plants shall be imposed with an environmental compensation of Rs. 1000 per ton on unutilised ash during the end of financial year based on the annual reports submitted and if it is unable to utilise 100 per cent of ash in the third year of the three years cycle, it shall be liable to pay an environmental compensation of Rs. 1000 per ton on the unutilised quantity on which environmental compensation has not been imposed earlier:

Provided that the environmental compensation shall be estimated and imposed at the end of last year of the first compliance cycle as per the various utilisation categories as mentioned in sub-paragraph (4) of Para A.

(Emphasis Supplied)

15. Thus, from the above Notification dated 31.12.2021, the following is made clear:

- a. The present Notification supersedes the MoEF Notification dated 14.09.1999 (as amended from time to time), and thus, the quota of providing 20% free of cost Fly Ash for construction activities, no longer exists;
- b. There is no provision, with regard to the notification, that prevents TPPs from selling Fly Ash to the construction industry;
- c. Clause (B) when read as a whole, permits only construction agencies involved in roadlaying, road and flyover embankments, shoreline protection structures in coastal districts and dams within 300 kms, to receive Fly Ash *free of cost*, in the event that TPPs are unable to dispose the ash through other means. This provision for free of cost supply has not been extended to brick or cement manufacturing companies.



E. Josephy
NODAL OFFICER/FLY ASH,
NLC India Limited,
NEYVELI.

d. The environmental compensation imposable under Clause (C) is invoked only in the event that the TPP fails to achieve 100% utilisation of Fly Ash, in the timeline prescribed therein.

16. It is submitted that prior to the Notification dated 31.12.2021, there was only a partial embargo preventing TPPs from selling Fly Ash, as 20% of the Dry Fly Ash had to be mandatorily provided free of cost towards construction purposes (*vide Amendment 03.11.2009 to the MoEF Notification dated 14.09.2009*). It is pertinent to note that subsequent to the Amendment dated 03.11.2009, there was no condition imposed on TPPs to supply 100% Fly Ash free of cost. There is a clear change in policy, with the Notification dated 31.12.2021 (*that continues to be in force*) wherein there is no such embargo created on the TPPs for free of cost supply, except to the limited extent, as set out above.

17. It is also pertinent to point out that aggrieved by the non-continuation of the mandate to provide 20% dry Fly Ash free of cost, the New Fly Ash Brick Manufacturers Association have filed a Writ Petition in W.P. 9832 of 2022 before the Hon'ble Madras High Court, challenging the constitutional validity of the MoEF Notification dated 31.12.2021, which remains pending. It is also pertinent to note there is no stay of the MoEF Notification dated 31.12.2021, which remains subsisting, and binding on the Answering Respondents.

Orders of the Hon'ble NGT, Principal Bench

18. It is submitted that this Hon'ble Tribunal in O.A. 164 of 2018 titled ***Ashwani Kumar Dubey v. Union of India, inter-alia*** held as follows:

*"19. The TPPs have referred to notification dated 31.12.2021 extending timeline for utilisation of legacy flyash for 10 years, subject to scientific management and subject to 100% utilisation on average of three years and not less than 80% in any given year. **We are not called upon to express any opinion about the validity of Notification dated 31.12.2021.** It may appear to be a retrograde step in the face of quantity of fly ash noted earlier and continuing damage to the environment and public health unless the notification is properly understood and interpreted so as to remedy the situation. The object of the notification is not to nullify the mandate of the Air Act or standards of air quality or other norms but to provide further*



E. Jeyaraj
**NODAL OFFICER/FLY ASH,
 NLC India Limited,
 NEYVELI.**

opportunity beyond the earlier timelines, consistent with the mandate of complying with laid down environmental norms which are part of right to life. Violation of laid down air quality and other norms cannot and is not sought to be condoned. Nor there is any bar against remedying deteriorated environment of polluted industrial areas, in the light of recommendations based on ground verification. Thus, issue of violation of norms due to unscientific management and handling of fly ash remains including action against persons responsible for pollution and accidents, apart from issue of compliance of specific conditions of notification dated 31.12.2021 remains.

...
21.

i. ...Advisory issued by the Ministry of Power dated 22.9.2021 will not be enforced being against the spirit of notification dated 31.12.2021 and obstructing much needed speedy utilisation/disposal of legacy fly ash. The Mission may evolve mechanism for interaction with stake holders, including associations of brick kiln owners. Guidelines be also issued for siting, design and engineering standards for the location, disposal, maintenance and regulation of Ash Ponds as breach of a fly ash ponds result in great disaster. Public health and risk impact assessment in the areas of operation of TPPs and generators of fly ash may be got conducted.

...”

(Emphasis Supplied)

19. The subsequent MoP Office Order dated 22.02.2022, permitted supply of ash as per MoEF Notification dated 31.12.2021 through a transparent bidding process; and if the ash remains unutilised, then the same may be supplied free of cost on a first come first serve basis. This Office Order was said to be issued with the objective of providing affordable power to consumers, as ash is a valuable commodity, and its free of cost supply results in higher tariff burden on consumers.

20. The above Office Order dated 22.02.2022 was challenged before this Hon'ble Tribunal vide O.A. 327 of 2022 filed by **Amravati Fly Ash Bricks Manufacturers Association**, wherein this Hon'ble Tribunal held as follows:

“17...Prima Facie, respondent No. 4 seems to be more concerned regarding **monetization of the sale of fly ash** so that the tariff of electricity is kept as low as possible to benefit the consumers and seems to have ignored the alarming situation found on verification of the ground situation showing serious environmental violations and failure to prevent air and water pollution by the TPPs resulting in not only denial of fundamental right to clean and healthy environment of those very consumers of electricity but also breach of international treaty obligations of Government of India.



E. Anand
NODAL OFFICER/FLY ASH,
NLC India Limited,
NEYVELI.

Prima Facie, it appears that Advisory dated 22.02.2022 has been issued not only in flagrant violations of the directions given by this Tribunal vide order dated 18.01.2022 passed in O.A No. 164/2018 (earlier O.A No. 276/2013) titled as "Ashwani Kumar Dubey Vs. Union of India and Others but also without consulting MOEF & CC and without public hearing/inviting objections from Public/persons affected and without taking into consideration the comparative costs of (i) early disposal of fly ash and delayed disposal of fly ash requiring storage till completion of competitive bidding process and (ii) much needed early disposal of legacy fly ash and ten years spread over disposal of legacy fly ash, not only in terms of money but also in terms of damage to environment caused by air and water pollution and impact on public health and prima facie the Advisory dated 22.02.2022, due to its environmental impact, is violative of the statutory mandates of the Air (Prevention and Control of Pollution) Act, 1981, the Water (Prevention and Control of Pollution) Act, 1974 and the Environment Protection Act, 1986 to abate environmental pollution and also offends fundamental right of citizens to healthy and clean environment as well as Constitutional obligations of the State under Article 48A of the Constitution to protect and improve environment and under Article 51 of the constitution to respect and abide by the International Treaties /Conventions.

18. In view of the above discussion, operation of advisory dated 22.02.2022 issued by respondent no. 4- Ministry of Power, Union of India and letter dated 16.03.2022 sent by Andhra Pradesh Power Generation Corporation Ltd., through the Chief Engineer/O & M, Dr.Narla Tata Rao Thermal Power Station, Brahimpattanam, Krishna District, A.P to VTPS FABMAS Association, TPS FABMAS Association, Omkar FABMAS Association, SC, ST, BC, Minority FABMAS Association, NTPS FABMAS Association, Amaravathi FABMAS Association, Lakshmi Padmavathi FABMAS Association, Spoorthi Sri FABMAS Association, Sri FABMAS Association, Harshavardhan FABMAS Association shall not be enforced and shall remain in abeyance till further orders by this Tribunal to the contrary and the interim application is disposed of accordingly."

(Emphasis Supplied)

21. It is submitted from the above orders of this Hon'ble Tribunal, it is clear that the MoEF Notification dated 31.12.2021 continues to be in force, while the MoP Advisory dated 22.09.2021 and Office Order dated 22.02.2022 have been kept in abeyance. Thus, sale of Fly Ash in terms of MoEF Notification dated 31.12.2021 was still valid and permissible. Furthermore, it is respectfully submitted that that the order of this Hon'ble Tribunal dated 25.08.2022 passed in O.A. 327 of 2022 has been stayed by the Hon'ble Supreme Court in Civil Appeal (Dy. No. 5195 & 5196 of 2023) vide order dated 24.02.2023, and the same is pending final adjudication before the



E. Jeyaraj
NODAL OFFICER/FLY ASH,
NLC India Limited,
NEYVELI.

Hon'ble Supreme Court. A copy of the order of the Hon'ble Supreme Court dated 24.02.2023 in Civil Appeal (Dy. No. 5195 & 5196 of 2023) is annexed herewith as Annexure 1. Subsequent to the said order of the Hon'ble Supreme Court, it appears that the MoP, through advisory dated 28.02.2023, has withdrawn the letter dated 06.12.2022 and has directed all TPPs to dispose off the ash to prospective user agencies as per the procedure prescribed in the advisory dated 22.02.2022. Copy of the MoP Advisory dated 28.02.2023 is annexed herewith as Annexure 2.

COMPLIANCE OF MOEF NOTIFICATION DATED 31.12.2021:

22. It is submitted that the primary objective of the MoEF Notification dated 31.12.2021 has been to ensure 100% Fly Ash utilisation by TPPs. The Answering Respondents have taken various steps to facilitate 100% utilisation of Fly Ash, including setting of dedicated dry fly ash collection systems at all its TPPs. With the said system, the dry Fly Ash from TPPs of NLCIL is distributed to Cement and Brick manufacturing companies from the dedicated dry ash system.

23. The Respondents submit that even before stringent MoEF Notifications were in place, the Answering Respondents have been exploring new horizons to utilize Fly Ash into usable products, and the Answering Respondents have been a forerunner in this industry for more than thirty years. They have taken various proactive steps to encourage utilization of fly ash including utilization of Fly Ash, including the following:

- a. Utilization of Fly Ash within the Township like for brick manufacturing, precast elements, doors, windows, prefabricated structures, road culverts, lamp posts, paver blocks, etc.
- b. Conveyance and disposal through dedicated ash conveyance and storage system for which recurring overhead, energy charges and O&M expenditures are incurred every month;

24. The Respondents submit that Pond Ash was made available on a free of charge and "as is where is basis" to manufacturers of bricks, blocks or tiles



E. Jeyaraj
 NODAL OFFICER/FLY ASH,
 NLC India Limited,
 NEYVELI

including clay fly ash products manufacturing unit(s), farmers, the Central and State road construction agencies, Public Works Department, and to agencies in back filling or stowing mines. The Pond Ash is also still being lifted by road embankment users, farmers, brick manufacturers free of any charges.

a. 100% utilisation of dry Fly Ash

25. It is submitted that the Answering Respondents have achieved 100% utilisation of dry Fly Ash from December, 2011, at their Plants namely TPS II, TPS II Expansion, NNTPP and TPS I Expansion. The same has been achieved by selling around 80% of the dry Fly Ash through e-auction, and supplying around 20% of the Dry Fly Ash, free of cost to brick manufacturers, with minimal handling charges. At all times, the Respondents have endeavored to ensure that there is 100% utilization of dry Fly Ash. It is further submitted that since the dispute to the constitutional validity of MoEF Notification dated 31.12.2021 remains pending before the Hon'ble Madras High Court, NLCIL has endeavored to maintain the 20% of free of cost supply, during the pendency of the dispute before the Hon'ble Madras High Court.

26. The Respondents submit that there is heavy demand from brick manufacturers of small-scale industries for 20% free of cost allocation. Further it may be noted that on an average about 5 to 10 companies apply for inclusion for issue of this 20% fly ash by NLCIL on monthly basis, which shows that the popularity and demand for fly ash based brick products among users, which has become and flourishing and lucrative market.

27. The 100% utilisation of dry Fly Ash by the Answering Respondents is evident from the Monthly Reports of the NLCIL from December, 2021 till January, 2023 which are annexed herewith as Annexure 3 (Colly) to Annexure 16 (Colly). These reports are provided to the Pollution Control Boards, CEA and also published in company website (nlcindia.in). From the said Monthly Reports of NLCIL, the following is made clear:



E. drachy
 NODAL OFFICER/FLY ASH,
 NLC India Limited,
 NEYVELI.

- a. The TPPs at TPS-I Expansion, TPS-II, TPS-II Exp, NNTPS, BTPS and NTPL have achieved 100% utilisation of Fly Ash.
- b. There is no Dry Fly Ash stored in the Silo at the start or end of the month. The lignite boilers are cleaned on a daily basis to remove the dry Fly Ash which is then collected through the dedicated Fly Ash collection systems. The Answering Respondents monitor the quantum of Fly Ash available on a regular basis, and ensure speedy disposal of Fly Ash, so as to minimise any environmental pollution. The Fly Ash is never stored for prolonged periods as the Respondents would first grant the award of the tender for supply of Fly Ash, and then begin the process of cleaning out the Fly Ash for direct supply to the successful bidders. Thus, the allegation that supply of Fly Ash through sale results in longer storage periods of Fly Ash is negated;
- c. No Fly Ash is sent to the Ash Ponds. Thus, the allegations raised by the Application that the Answering Respondents are dumping Fly Ash into Ash Ponds is wholly false and baseless.
- d. The TPPs have been supplying Fly Ash to the Brick Manufacturing Companies on a free of cost basis, as well as through e-auctions. On average, around 20% of Fly Ash generated is supplied free of cost to Brick Manufacturing Companies;
- e. The TPPs are supplying Fly Ash to Cement Manufacturing Companies and brick manufacturing companies also participate through e-auction;
- f. 100% of the Bottom Ash that is generated is sent to mines for filling, or is reused as bed material in CFBC boiler, and no Bottom Ash is dumped into any Ash Ponds.

28. Thus, it is submitted that the Answering Respondents have achieved the objective of **100% utilisation of Fly Ash**, even through e-auctions, which makes it *prima facie* evident that Fly Ash is now a valuable marketable commodity, that is regularly being used by brick and cement manufacturing companies. The sale of Fly Ash through e-auction was carried out by engaging a third party, i.e., MSTC Ltd., in order to ensure that there is a transparent bidding system, and to address allegations of favouritism in allotment of Fly Ash. Thus, there is no environmental cost or damage caused by NLC's plants, who have achieved 100% utilisation of Fly Ash. These



S. Srinivasan
 NODAL OFFICER FLY ASH,
 NLC India Limited,
 NEYVELI.

Monthly Reports have been regularly submitted to the Pollution Control Board ("PCB").

29. It is further submitted that only after MoP's Advisory dated 06.12.2022, the Answering Respondents have been informed about the stay on the operation of the MoP's earlier Office Order dated 22.02.2022. However, it is respectfully submitted that pursuant to the order of the Hon'ble Supreme Court referred above, the MoP, vide Advisory dated 28.02.2023, has permitted the sale of fly ash, in terms of the MoP's earlier Advisory dated 22.02.2022.

b. 100% utilisation of Pond Ash

30. It is submitted that as per MoEF Notification dated 31.12.2021, TPPs were mandated to achieve 100% utilisation of legacy ash within a period of ten years from the date of Notification. In addition, to achieve 100% utilisation, the Answering Respondents have:

- a. The Answering Respondents issued Pond ash (Legacy ash) to District Rural Development authority, NHAI, brick manufacturing companies and PMGSY road projects well before the notification dt 31.12.2021.
- b. Supplied 20% of the legacy ash (for the first year as per MoEF & CC timeline) to NHAI in 2022 free of cost and through transparent bid process; The timeline line parameter for the first year (April 2022 to March 2023) recommended was already achieved by December 2022.
- c. The 100% utilisation of legacy ash by the Answering Respondents is evident from the data available in NLCIL's website www.nlcindia.in, which is also annexed herewith as **Annexure 3 (Colly)** to **Annexure 16 (Colly)**.

PARA-WISE REPLY

The Respondents deny all allegations and averments set out in the Application herein, except where specifically admitted. It is further submitted that the non-traversal of any specific fact, allegation or averment



E. Jeyaraj
 NODAL OFFICER/FLY ASH,
 NLC India Limited,
 NEYVELL.

made by the Applicant shall not be treated as an admission by the Answering Respondents.

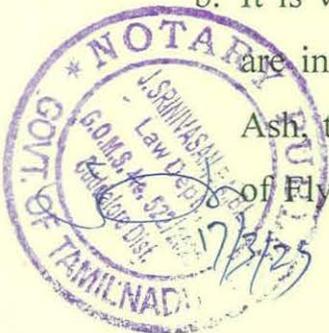
32. With respect to paragraphs 1-2 of the Application, it is submitted that the same are a matter of record and warrant no specific response.

33. With respect to the averments in paragraphs 3(i) to 3(xiii) and paragraphs 3(xviii) to 3(xxiii) of the Application, inasmuch as it relates to the Notifications issued by the MoEF and the MoP; and the judicial orders of this Hon'ble Supreme Court or High Court, the same are a matter of record, and are admitted. With respect to the averments at paragraphs 3(xiv) to 3(xvii) which relate to the Central Vista Project and Orders of the Niti Ayog, the same are not within the personal knowledge of the Answering Respondents and are denied.

34. The averments in paragraphs 3(xxiv) to (xxix) and paragraphs 4-5 are vehemently denied. It is also specifically denied that the Answering Respondents are selling Fly Ash in violation of the orders of this Hon'ble Tribunal in O.A. 164 of 2018 or O.A. 327 of 2022. The Invoice dated 11.10.2022, annexed as Annexure-15 to the Application, is wholly false and fabricated, and does not belong to the Answering Respondents. With respect to the specific allegations raised on violation of the orders of this Hon'ble Tribunal by selling Fly Ash, it is submitted as follows:

a. This Hon'ble Tribunal *vide* orders dated 18.01.2022 and 25.08.2022 have only stayed the operation of the Office Orders of the MoP on sale of Fly Ash through the bidding process. However, the MoEF Notification dated 31.12.2021 continues to be in force, and has not been stayed by any court of law. In light of the same, there is no prohibition on sale of Fly Ash so long as 100% utilisation is achieved;

b. It is wholly denied that the Answering Respondents are 'Pollutants' or are in violation of any environmental laws. Even while selling the Fly Ash, the Answering Respondents have been achieving 100% utilisation of Fly Ash at all its plants, as it detailed above at paragraphs 25 to 30.

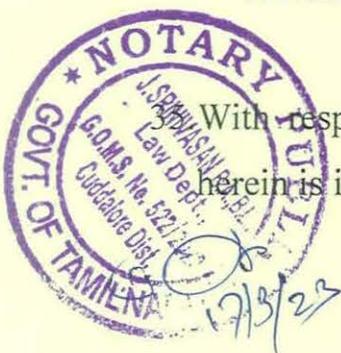


E. Anubhai
**NODAL OFFICER/FLY ASH,
 NLC India Limited,
 NEYVELL.**

Thus, it is wholly false and misleading to state that the sale of Fly Ash shall be counter-productive in promoting 100% utilisation of Fly Ash.

- c. There are no specific directions of this Hon'ble Tribunal in its orders dated 18.01.2022 and 25.08.2022 prohibiting the sale of Fly Ash, in terms of the MoEF Notification dated 31.12.2021. Thus, the Applicant seeking a direction to the Respondents not to sell Fly Ash on the basis of orders dated 18.01.2022 and 25.08.2022 is wholly misplaced and devoid of merits.
- d. The constitutional validity of MoEF Notification dated 31.12.2021 is already pending before the Hon'ble Madras High Court at the instance of the very same Applicant, hence this Application suffers from multiplicity of proceeding with respect to the same subject matter, thus this Application ought to be dismissed.
- e. The Applicant herein has not approached this Hon'ble Tribunal with the motive of larger environmental protection, but has approached this Hon'ble Tribunal for their own ulterior benefit of obtaining Fly Ash free of cost, which is now a valuable marketable commodity. Without prejudice, it is submitted that despite the MoEF Notification dated 31.12.2021 that permits sale of 100% Fly Ash, the Answering Respondents have continued to provide 20% Fly Ash free of cost, as per the MoEF Notification dated 14.09.1999 (as amended in 2009). Thus, the Answering Respondents continue to safeguard the interests of small scale brick manufacturers by providing free of cost dry Fly Ash and Pond Ash. Thus, the allegation that the Answering Respondents are "ENCASHING" Fly Ash is also wholly false and malicious.
- f. MoP through Advisory dated 28.02.2023, has withdrawn their letter dated 06.12.2022 and directed all TPPs to dispose off the ash to prospective user agencies as per the procedure prescribed in earlier the Advisory dated 22.02.2022.

With respect to Ground A, it is vehemently denied that the Respondent herein is in violation of the orders of this Hon'ble Tribunal dated 18.01.2022



E. Joseph
 NODAL OFFICER/FLY ASH
 NLC India Limited
 NEYVELL

and 25.08.2022. In this regard, paragraph 34 above is reiterated, and is not repeated for the sake of brevity.

36. With respect to Ground B, the constitution of the Committee in terms of the order of this Hon'ble Tribunal dated 18.01.2022 is an obligation cast upon the Government and warrants no specific response from the present Answering Respondents.

37. With respect to Grounds D, C, and E, it is wholly denied that the Answering Respondents are dumping ash into Ash Ponds. The said allegation is wholly false and unsubstantiated. It is reiterated that the Answering Respondents have achieved 100% utilisation of Fly Ash, and has taken various steps to promote utilisation of Fly Ash in construction activities, to mitigate environmental pollution. From a perusal of Annexure 3 (Colly) to Annexure 16 (Colly), it would be clear that no Fly Ash is being dumped into Ash Ponds.

38. The averments made in Grounds F, G, H, I, and J do not pertain to the present Answering Respondents, and thus, do not warrant a specific response.

39. Thus, it is submitted that the Applicant has failed to establish a *prima facie* case in their favour. It is further submitted that subsequent to the MoEF Amendment dated 03.11.2009, only 20% of Fly Ash was to be provided free of cost. However, if the present Application is allowed, the effect would be to mandate TPPs to provide 100% of Fly Ash free of cost, which is wholly in contravention of the prevailing laws, and even the market practice till date. The Applicant herein is attempting to nullify the change in Government Policy, which is evident in MoEF Notification dated 31.12.2021, without challenging the said Notification, and without even disclosing that the challenge to the said Notification is already pending before the Hon'ble Madras High Court in W.P. 9832 of 2022. Thus, the Prayer (A) as sought for by the Applicant is not maintainable. In light of the same, the balance of convenience lies in favour of the Respondents, and the present Application ought to be dismissed *in limine*.



E. Anand
 NODAL OFFICER/FLY ASH,
 NLC India Limited,
 NEYVELI.

It is therefore respectfully submitted that in view of the abovementioned facts and circumstances, the Hon'ble Tribunal may be pleased to dismiss the present Application and pass such further orders as this Hon'ble Tribunal may deem fit and proper in the facts and circumstances of the case.

E. Arivazhagan
 DEPONENT
 NODAL OFFICER/FLY ASH,
 NLC India Limited,
 NEYVELI.

VERIFICATION

I, K.Arivazhagan, DGM/Civil, Nodal officer/Fly Ash/Thermal the above named Deponents, do hereby state that the facts stated above are true and correct to the best of our knowledge and belief based on records kept in the usual course of business and nothing material has been concealed therefrom.

Verified at Neyveli on this 17th Day of March, 2023

E. Arivazhagan
 DEPONENT
 NODAL OFFICER/FLY ASH,
 NLC India Limited,
 NEYVELI.

Bert me

17.03.2023

J.SRINIVASAN, B.A., B.L.,
 ADVOCATE & NOTARY PUBLIC
 C-31, THIRUVALLUVAR SALAI
 BLOCK-17, NEYVELI-607 801.



516

19

**BEFORE THE HON'BLE NATIONAL
GREEN TRIBUNAL
PRINCIPAL BENCH AT NEW DELHI
ORIGINAL APPLICATION No. 878/2022**

Tamil Nadu Fly Ash Brick and Blocks
Manufacturers Association ... Applicant

VERSUS

Govt. of India & Ors. ... Respondents

VAKALATNAMA

S. Arjun Suresh
Chitranshul Sinha
Akshita Upadhyay
Jaskaran Bhatia
Tammana Malik

**of M/s. Dua Associates, Advocates
COUNSEL FOR THE RESPONDENTS**

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL

PRINCIPAL BENCH AT NEW DELHI

ORIGINAL APPLICATION No. 878/2022

Tamil Nadu Fly Ash Brick and Blocks Manufacturers Association ...
Applicant

Versus

Govt. of India & Ors. ...
Respondents

We, M/s. NLC India Limited, represented by its Deputy General Manager/Civil, Nodal Officer/Flyash/Thermal, Shri.Arivazhagan.K, the Respondent Nos. 14, 15, 16 and 17 in the above named matter, do hereby appoint and retain S. Arjun Suresh, Chitranshul Sinha, Jaskaran Bhatia, Akshita Upadhyay, & Tammana Malik of M/s. Dua Associates, Advocates, as our Counsel(s) to appear for us in the above case and on our behalf to conduct and prosecute (defend) the same and all proceedings therein before and after decree.

Arjun Suresh
5/18/09

Jaskaran Bhatia
D/15443/2020

Tammana Malik
D/9753/2022

E. Arivazhagan
NODAL OFFICER/FLY ASH/
NLC India Limited,
NEYVELI.

NLC India Limited

I certify that the contents of this Vakalatnama were read out and explained in English in my presence to the executant, who appeared perfectly to understand the same and made his signature in my presence.

J. Srinivasan

02.02.2023
J. SRINIVASAN, B.A., B.L.,
ADVOCATE & NOTARY PUBLIC
C-31, THIRUVALLUVAR SALAI
BLOCK-17, NEYVELI-607 801.

Dated at Neyveli on this 2nd day of February



NLC India Limited

(formerly Neyveli Lignite Corporation Limited)

('Navratna' - Government of India Enterprise)

Corporate Office : Block-1, Neyveli-607 801, Cuddalore District, Tamil Nadu.

Registered Office : First Floor, No.8, Mayor Sathyamurthy Road,

FSD, Egmore Complex of Food Corporation of India, Chetpet, Chennai - 600 031.

CIN : L93090TN1956GOI003507, Website: www.nlcindia.com, email: cosec@nlcindia.com

Phone: 04142-252205, Fax: 04142-252645 & 252646

Lr.No.409/B3/2017-18

08.01.2018

Sub: Revised Delegation of Powers (DoP).

Ref: 1. DoP granted to FDs vide this office Lr. No. 409/B3/2010-11 dated 10.08.2011 and subsequent amendments thereof.

2. DoP granted to ED/CGMs/GMs vide this office Lr. No. 410/B3/2015/1 dated 26.09.2015 and subsequent amendments issued thereof.

3. DoP granted to DGMs vide this office Lr. No. 410/B3/2001-1 dated 01.06.2001 and further amendments issued thereon.

In supersession of all the earlier orders issued vide reference cited above and the subsequent amendments issued thereof, delegating financial and administrative/other powers as stated in the reference, the Chairman and Managing Director, in exercise of the powers conferred on him to sub-delegate his powers, is pleased to sub-delegate the powers to the Functional Directors/Executive Directors/Chief General Managers/General Managers/Deputy General Managers as specified in the Annexure, with immediate effect.

These powers are subject to the conditions laid down in the preamble and also in the delegation of power itself.

This is issued with approval of Chairman and Managing Director.


Company Secretary 21/1/2018

To

The Deputy General Managers

The General Managers

The Chief General Managers

The Executive Directors

The Functional Directors

Copy to all Account Centres

Copy to Computer Services for Uploading.

Copy submitted to CMD

-/ CERTIFIED TO BE TRUE /-


21/1/2018

COMPANY SECRETARY

NLC India Limited

Chennai - 10

Sl. No.	Nature of work	Extent of Powers			
		FDs	ED	CGM/GM	DGM
(1)	(2)	(3)	(4)	(5)	(6)
72	Sanction of gratuity/ other retirement benefits.	Full Powers			---
Remarks :- As per the approved schemes.					

Sl. No.	Nature of work	Extent of Powers			
		FDs	ED	CGM/GM	DGM
(1)	(2)	(3)	(4)	(5)	(6)
73	Payment of Statutory Fees	Full Powers			---
Remarks: ---					

Sl. No.	Nature of work	Extent of Powers			
		FDs	ED	CGM/GM	DGM
(1)	(2)	(3)	(4)	(5)	(6)
74	Obtaining legal opinion from outside legal experts/ Legal advisor	Full Powers	---	---	---
Remarks: ---					

Sl. No.	Nature of work	Extent of Powers			
		FDs	ED	CGM/GM	DGM
(1)	(2)	(3)	(4)	(5)	(6)
75	Institute, conduct and defend any legal proceedings by engaging advocates and paying necessary fees for them in respect of cases filed by or against the Company or its employees in connection with the affairs of the Company.	Full Powers			
Remarks :- As per extant circular(s) issued from time to time.					

/CERTIFIED TO BE TRUE/-

R. S. Singh
21/11/2018
COMPANY SECRETARY
NLC India Limited
Chennai 60



NLC India Limited

('Navratna' Govt. of India Enterprise)

HR DEPARTMENT: CORPORATE OFFICE

O.O.No. CORP/HR/EB (EE)/502/355/2022-82

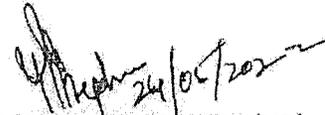
Date: 24-05-2022

TRANSFER ORDER- Executives

Ref: E-office File No. A/198/2022, Approval dated: 23-05-2022

Sl. No.	Name S/Shri	CPF No.	Designation/ Discipline	From	To
1	Arivazhagan K	37661	DGM/Civil	TPS-I Expansion	TPS-II (He will continue to perform as Nodal Officer / Fly Ash / Thermal in addition to Civil / TPS-II)
2	Thamilarasu P	27443	CM/Civil	TPS-II	TPS-I Expansion
Advised to report to			Unit Head Concerned.		
Remarks / Terms & Conditions if any			With immediate effect.		

This issues with the approval of Competent Authority.


CHIEF GENERAL MANAGER (HR)

To

The Executive (s) concerned
through proper channel

Copy submitted to:

Executive Director / Thermal

Copy to:

Unit Head Concerned

Unit HOHR Concerned

Accounts Centre Concerned

ES/PS to FDs/CVO/CMD

Host in Intranet

Note: Copies may be downloaded for all concerned and as per need.

**BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI**

ORIGINAL APPLICATION NO. 878 of 2022

In the matter of:

**Tamil Nadu Fly Ash Brick & Blocks
Manufacturers Association**

...Applicant

v.

Union of India & Ors.

...Respondents

**INDEX TO THE COMPILATION OF DOCUMENTS FILED BY RESPONDENT
NOS. 14 TO 17**

S. No.	Date	Document	Page No.
1.	24.02.2023	<u>Annexure 1</u> Order of the Hon'ble Supreme Court dated 24.02.2023 in Civil Appeal (Dy. No. 5195 & 5196 of 2023)	1-4
2.	28.02.2023	<u>Annexure 2</u> Advisory issued by the Ministry of Power dated 28.02.2023 (along with enclosures)	5-10
3.	January, 2022	<u>Annexure 3</u> Monthly Reports of Respondent Nos. 14 to 17 for the month of December, 2021	11-22
4.	February, 2022	<u>Annexure 4</u> Monthly Reports of Respondent Nos. 14 to 17 for the month of January, 2022	23-34
5.	March, 2022	<u>Annexure 5</u> Monthly Reports of Respondent Nos. 14 to 17 for the month of February, 2022	35-46
6.	April, 2022	<u>Annexure 6</u> Monthly Reports of Respondent Nos. 14 to 17 for the month of March, 2022	47-57
7.	May, 2022	<u>Annexure 7</u> Monthly Reports of Respondent Nos. 14 to 17 for the month of April, 2022	58-69
8.	June, 2022	<u>Annexure 8</u>	70-81

		Monthly Reports of Respondent Nos. 14 to 17 for the month of May, 2022	
9.	July, 2022	<u>Annexure 9</u> Monthly Reports of Respondent Nos. 14 to 17 for the month of June, 2022	82-90
10.	August, 2022	<u>Annexure 10</u> Monthly Reports of Respondent Nos. 14 to 17 for the month of July, 2022	91-100
11.	September, 2022	<u>Annexure 11</u> Monthly Reports of Respondent Nos. 14 to 17 for the month of August, 2022	101-112
12.	October, 2022	<u>Annexure 12</u> Monthly Reports of Respondent Nos. 14 to 17 for the month of September, 2022	113-124
13.	November, 2022	<u>Annexure 13</u> Monthly Reports of Respondent Nos. 14 to 17 for the month of October, 2022	125-136
14.	December, 2022	<u>Annexure 14</u> Monthly Reports of Respondent Nos. 14 to 17 for the month of November, 2022	137-138
15.	January, 2023	<u>Annexure 15</u> Monthly Reports of Respondent Nos. 14 to 17 for the month of December, 2022	139-150
16.	February, 2023	<u>Annexure 16</u> Monthly Reports of Respondent Nos. 14 to 17 for the month of January 2023	151-155

The above copies are true copies of the respective originals.

Dated at Delhi on 17th day of March, 2023.


Chitranshul A. Sinha
M/s Dua Associates
 Counsel for the Respondent Nos. 14 to 17
 202-206, Tolstoy House,
 15, Tolstoy Marg,
 New Delhi – 110001
 +91-9650872772
chitranshul@duaassociates.com

ITEM NO.31+53

REVISED
COURT NO.5

SECTION XVII

S U P R E M E C O U R T O F I N D I A
R E C O R D O F P R O C E E D I N G S

CIVIL APPEAL Diary No(s). 5195/2023

(Arising out of impugned final judgment and order dated 25-08-2022
in OA No. 327/2022 passed by the National Green Tribunal)

UNION OF INDIA

Petitioner(s)

VERSUS

AMARAVATI FLY ASH BRICKS MANUFACTURERS
ASSOCIATION & ORS.

Respondent(s)

(FOR ADMISSION and I.R. and IA No.34628/2023-CONDONATION OF DELAY
IN FILING and IA No.34630/2023-EXEMPTION FROM FILING C/C OF THE
IMPUGNED JUDGMENT and IA No.34631/2023-EX-PARTE STAY)

WITH

Diary No(s). 5196/2023 (XVII)

(IA No.36288/2023-CONDONATION OF DELAY IN FILING and IA
No.36292/2023-EXEMPTION FROM FILING C/C OF THE IMPUGNED JUDGMENT
and IA No.36296/2023-EX-PARTE STAY)

CIVIL APPEAL Diary No(s). 5546/2023

([TO BE TAKEN UP ALONG WITH ITEM NO.31 I.E. Diary No.
5195/2023.].... IA No.40262/2023-CONDONATION OF DELAY IN FILING and
IA No.40263/2023-EXEMPTION FROM FILING C/C OF THE IMPUGNED JUDGMENT
and IA No.40272/2023-STAY APPLICATION and IA No.40259/2023-
PERMISSION TO FILE PETITION (SLP/TP/WP/..))

Date : 24-02-2023 These petitions were called on for hearing today.

CORAM : HON'BLE MR. JUSTICE AJAY RASTOGI
HON'BLE MS. JUSTICE BELA M. TRIVEDIFor Petitioner(s) Mr. K.M.Nataraj, A.S.G.
Mr. Gurmeet Singh Makker, AOR
Ms. Ruchi Kohli, Adv.
Ms. Swarupama Chaturvedi, Adv.
Mr. Shiv Mangal Sharma, Adv.
Mr. Balendu Shekhar, Adv.Signature Not Verified
Digitally signed by
Ashwani Kumar
Date: 2024.03.03
16:54:09 IST
Reason: —

TRUE COPY

Mr. Chetan Sharma, A.S.G.
Mr. Shailesh Madiyal, AOR
Mr. Sudhanshu Prakash, Adv.
Mr. Vaibhav Sabharwal, Adv.
Mr. Rajan Parmar, Adv.
Mr. Vinayaka S Pandit, Adv.
Mr. Akshay Kumar, Adv.

For Respondent(s) Mr. Gaurav Kumar Bansal, Adv.
Mr. Sumit Kumar, AOR

Mr. Gaurav Kumar Bansal, Adv.
Ms. Shomila Bakshi, AOR
Ms. Nandita Bansal, Adv.

UPON hearing the counsel the Court made the following
O R D E R

Permission to file appeal is granted in Civil Appeal Diary
No(s). 5546/2023

Delay condoned.

Appeals admitted.

Issue notice, returnable in four weeks.

In the meanwhile, there shall be stay of operation and effect
of the impugned judgment(s).

(VIRENDER SINGH)
BRANCH OFFICER

(ASHWANI KUMAR)
ASTT. REGISTRAR-cum-PS

TRUE COPY

ITEM NO.31+53

COURT NO.5

SECTION XVII

S U P R E M E C O U R T O F I N D I A
R E C O R D O F P R O C E E D I N G S

CIVIL APPEAL Diary No(s). 5195/2023

(Arising out of impugned final judgment and order dated 25-08-2022 in OA No. 327/2022 passed by the National Green Tribunal)

UNION OF INDIA

Petitioner(s)

VERSUS

AMARAVATI FLY ASH BRICKS MANUFACTURERS ASSOCIATION &
ORS.Respondent(s)

(FOR ADMISSION and I.R. and IA No.34628/2023-CONDONATION OF DELAY IN FILING and IA No.34630/2023-EXEMPTION FROM FILING C/C OF THE IMPUGNED JUDGMENT and IA No.34631/2023-EX-PARTE STAY)

WITH

Diary No(s). 5196/2023 (XVII)

(IA No.36288/2023-CONDONATION OF DELAY IN FILING and IA No.36292/2023-EXEMPTION FROM FILING C/C OF THE IMPUGNED JUDGMENT and IA No.36296/2023-EX-PARTE STAY)

CIVIL APPEAL Diary No(s). 5546/2023

([TO BE TAKEN UP ALONG WITH ITEM NO.31 I.E. Diary No. 5195/2023.].... IA No.40262/2023-CONDONATION OF DELAY IN FILING and IA No.40263/2023-EXEMPTION FROM FILING C/C OF THE IMPUGNED JUDGMENT and IA No.40272/2023-STAY APPLICATION and IA No.40259/2023-PERMISSION TO FILE PETITION (SLP/TP/WP/..))

Date : 24-02-2023 These petitions were called on for hearing today.

CORAM : HON'BLE MR. JUSTICE AJAY RASTOGI
HON'BLE MS. JUSTICE BELA M. TRIVEDI

For Petitioner(s) Mr. K.M.Nataraj, A.S.G.
Mr. Gurmeet Singh Makker, AOR
Ms. Ruchi Kohli, Adv.
Ms. Swarupama Chaturvedi, Adv.
Mr. Shiv Mangal Sharma, Adv.
Mr. Balendu Shekhar, Adv.

TRUE COPY

For Respondent(s) Mr. Gaurav Kumar Bansal, Adv.
Mr. Sumit Kumar, AOR

Mr. Gaurav Kumar Bansal, Adv.
Ms. Shomila Bakshi, AOR
Ms. Nandita Bansal, Adv.

UPON hearing the counsel the Court made the following
O R D E R

Permission to file appeal is granted in Civil Appeal Diary
No(s). 5546/2023

Delay condoned.

Appeals admitted.

Issue notice, returnable in four weeks.

In the meanwhile, there shall be stay of operation and effect
of the impugned judgment(s).

(VIRENDER SINGH)
BRANCH OFFICER

(ASHWANI KUMAR)
ASTT. REGISTRAR-cum-PS

TRUE COPY

Annexure 2



No. 9/7/2011-S.Th.(Vol.IV)

Government of India
Ministry of Power

Shram Shakti Bhawan, Rafi Marg,
New Delhi, dated 28th February, 2023

To,

1. CMDs/MDs of Coal/Lignite based Thermal Power Plants (Central/State/Private)
2. Principal Secretary (Power/Energy) of All States/UTs
3. Chairperson, Central Electricity Authority

Subject: Supply of Fly ash to the end users by the Power Plants to increase fly ash utilization-reg.

Sir/Madam,

Pursuant to Ministry of Environment, Forest & Climate Change's Notification dated 31.12.2021, Ministry of Power (MoP) issued an Advisory on 22.02.2022 to all coal/lignite based TPPs for providing Ash to the prospective users as per the prescribed procedure for disposal of ash.

2. Hon'ble National Green Tribunal (NGT) vide Order dated 25.08.2022 passed in OA No. 327 of 2022 in Amaravati Fly Ash Bricks Manufacturers Association vs. Union of India & Others had observed that the Advisory issued by MoP on 22.02.2022 *shall not be enforced and shall remain in abeyance till further orders by this Tribunal to the contrary.*

3. In accordance with the direction of Hon'ble NGT, MoP vide letter dated 06.12.2022 (**copy enclosed**) informed all coal/lignite based TPPs to keep the implementation of MoP's Advisory dated 22.02.2022 in abeyance till the matter attains finality before the Hon'ble NGT. Power plants were further asked to take appropriate steps at their level to ensure maximum utilization of ash to comply with applicable Notification of MoEF&CC.

4. Simultaneously, Ministry of Power has filed Civil Appeals (Dy. Nos.5195 & 5196 of 2023) before Hon'ble SC challenging Hon'ble NGT's orders dated 18.01.2022 and 25.08.2022 respectively imposing thereby stay on this Ministry's Advisory dated 22.02.2022. Hon'ble Supreme Court vide its order dated

TRUE COPY

24.02.2023 has now ordered that there shall be stay of operation and effect of the impugned judgements.

5. In pursuance of the direction of Hon'ble Supreme Court, Ministry of Power hereby withdraws its letter dated 06.12.2022 and accordingly directs all coal/lignite based TPPs to dispose off the Ash to prospective user agencies as per the procedure prescribed in Advisory dated 22.02.2022 (**copy enclosed**).

Yours faithfully,



(Sunil Kumar Sah)

Under Secretary to the Government of India

Tele: 011-23719710

Encl: as stated

Copy to:

1. Secretary (MoEF&CC), Government of India
2. Secretary (MoRTH), Government of India
3. Secretary (MoHUA), Government of India
4. Secretary, CERC
5. Secretaries of all SERC/JERCs

Copy for kind information to:

- i. PS to Hon'ble Minister of Power
- ii. PS to Hon'ble Minister of State for Power
- iii. Sr. PPS to Secretary (Power), All Joint Secretaries/EA/CE, Directors/DS, MoP

TRUE COPY



No. 15/2/2022-EC&ET-1
Government of India
Ministry of Power

Shram Shakti Bhawan, New Delhi
Dated: 6th December, 2022

To,

1. CMDs/ MDs of Coal / Lignite based Thermal Power Plants (Central/ State/ Private)
2. Principal Secretary (Power/ Energy) of All States/ UTs
3. Chairperson, Central Electricity Authority

Subject: Supply of Fly ash to the end users by the Power Plants to increase fly ash utilization- reg.

Sir/Madam,

Pursuant to Ministry of Environment, Forest & Climate Change's Notification dated 31.12.2021, Ministry of Power, issued an Advisory on 22.02.2022 to all coal/lignite based TPPs for providing Ash to the prospective user agencies for all new commitments for supply of Ash as per the prescribed procedure for disposal of ash.

2. Hon'ble National Green Tribunal (NGT) vide Order dated 25.08.2022 passed in OA No.327 of 2022 in Amaravati Fly Ash Bricks Manufactures Association Vs. Union of India & Others has observed that the Advisory issued by MoP on 22.02.2022 **shall not be enforced and shall remain in abeyance till further orders by this Tribunal to the contrary.**

3. In pursuance of the above direction of Hon'ble NGT, all coal/lignite based TPPs are hereby informed to keep the implementation of Ministry of Power's Advisory dated 22.02.2022 in abeyance till the matter attains finality before the Hon'ble NGT.

4. Power Plants may take appropriate steps at their level to ensure maximum utilisation of ash to comply with applicable Notification of MoEF&CC.

5. This issues with the approval of the Hon'ble Minister of Power & NRE.


(Sunil Kumar Sah)

Under Secretary to the Govt. of India
Tel: 011-23719710

Copy to:

1. Secretary (MOEF&CC), Government of India
2. Secretary (MoRTH), Government of India
3. Secretary (MoHUA), Government of India
4. Secretary, CERC
5. Secretaries of all SERCs/ JERCs

Copy for kind information to:

- i. PS to Hon'ble Minister of Power.
- ii. PS to Hon'ble Minister of State for Power.
- iii. PPS to Secretary (Power), All Joint Secretaries/EA/CE, Directors/DS, MOP.



530



No. 9/7/2011-St. Th. (Vol. IV)

Government of India
Ministry of Power

'F' Wing, Nirman Bhawan,
New Delhi, 22nd February, 2022

To,

- i. CMD/MD of coal/lignite based Thermal Power Plants(Central/State/Private)
- ii. Principal Secretary (Power/Energy) of All States/UTs
- iii. Chairperson, Central Electricity Authority,

Sub: Supply of Ash to the prospective user agencies as stipulated in the MoEF&CC Notification dated 31.12.2021 by the power plants to increase Ash utilization generated by Thermal Power Plants (TPPs).

Sir,

Ministry of Environment, Forest & Climate Change in super-session of the erstwhile Ministry of Environment and Forest Notification S.O. 763(E), dated the 14th September 1999 issued under the Environment (Protection) Act, 1986 has now issued a new Notification S.O. 5481(E) dated 31st December, 2021 on ash utilization from coal or lignite based Thermal Power Plants.

2. As per the relevant clause B(1) of the said Notification dated 31.12.2021 (**copy attached**), thermal power plants may charge for ash cost and transportation, in case the thermal power plant is able to dispose the ash through other means. The provisions of ash free of cost and free transportation is to be applicable; only if the thermal power plant serves a notice on the construction agencies/mine owner for the same.
3. It is pertinent to note that the objective of the Government is to provide **affordable power to consumers**. Any Extra costs without making efforts to monetize disposal of ash by TPPs lead to increase in electricity tariff, which is to be borne by the consumers.
4. Ash is emerging as a valuable commodity and so giving it free, and also meeting the transportation costs will **lead to malpractices**. Therefore, providing such a valuable commodity through bidding process would help in providing the cheaper power to the consumers. In order to maintain transparency and to restrict malpractices, competitive bidding process is the most suitable method to determine the rate of supply of goods and services. Therefore, it is necessary to streamline the procedure to dispose off the ash by TPPs in a transparent manner and also to monetize the sale of ash so as to reduce the tariff burden on the consumers.

TRUE COPY

5. In view of above, all coal/lignite based TPPs are hereby **advised** to provide Ash to the prospective user agencies for all new commitments for supply of Ash as per following guidelines which have been framed in accordance with MoEF&CC Notification dated 31.12.2021:-

Procedure to be followed to dispose of ash:

5.1 The Power plants shall provide ash to user agencies as stipulated in the MoEF&CC Notification dated 31.12.2021 through a transparent bidding process only.

5.2 If after bidding/ auction, some quantities of ash still remains un-utilized, then only, as one of the options, it could be considered to be given free of cost on first come first serve basis, if the user agency is willing to bear the transportation cost.

5.3 If ash remains un-utilized, even after the steps taken in paras 5.1 and 5.2 above, TPP shall bear the cost of transportation of ash to be provided free to the eligible projects/mine owners.

5.4 Even after steps taken in Paras 5.1 to 5.3 above, if the ash remains un-utilized, TPPs shall serve notice on the construction agencies/mine owners located within 300 kms from TPPs to use ash mandatorily in their projects /filling of mine voids.

5.5 The Ash shall be offered to the prospective user agencies as stipulated in the MoEF&CC Notification dated 31.12.2021 on competing demand basis, i.e. user agency who offers the highest price and meets the transportation cost will be offered the ash on priority. This will reduce the tariff of electricity and burden on the consumers. It will also be in accordance with sound vigilance practices.

5.6 The power plant may offer Ash subject to their technical restrictions such as precautions required for Dyke stability and safety etc. The power plants having lower Ash utilization shall make all efforts to increase its Ash Utilization.

5.7 In case, ash is provided free of cost and free transportation; prospective consumers shall be obliged to source the Ash from the nearest TPPs, to reduce the cost of ash transportation. If the nearest TPP refuses to do so, the prospective consumers shall approach Ministry of Power for appropriate directions.

Procedure to be followed for transportation cost to be borne by TPPs:

5.8 The transportation cost wherever required to be borne by the TPPs, shall be discovered on a competitive bidding process basis only. TPPs shall prepare a panel of transportation agencies every year based on competitive bidding for transportation in slabs of 50 Kms, which may be used for the period. The TPPs shall call for bids well in advance, so that the transportation panel is in place as soon as the previous panel expires. There should be no gap between the expiry of existing panel and the finalization of the fresh panel.

TRUE COPY

5.9 TPPs are advised to invite open bids by keeping a lower bid threshold of minimum 50 tonnes so that even small and medium commercial enterprises can also take part in the bid process.

6. The Appropriate Commission shall scrutinize any expenses regarding ash utilization proposed to be passed through in tariff by the Generation Company in accordance with these guidelines to ensure that the least possible burden is passed on to electricity consumers and full transparency is ensured by Generating Company as envisaged in these Guidelines.

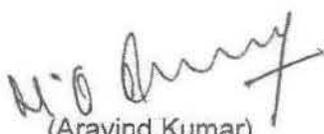
7. **Applicability of this Advisory:** This advisory may be followed by every coal or lignite based TPP (i.e including captive or co-generating stations or both), mentioned at para A(1) of the MOEF&CC notification dated 31.12.2021. Further, it is clarified that above guidelines apply **prospectively**. TPPs are **advised** to honour their existing commitments of selling/ transportation of fly ash on the basis of rates arrived through a transparent competitive bidding/ State Schedule of rates only, till the expiry of their existing commitment. For the remaining quantity and new commitments, both fly ash and pond ash shall invariably be disposed off through a transparent bid process.

8. This letter supersedes the earlier letters issued in this regard vide File No 9/7/2011-S.Th (Vol. IV) dated 22.09.2021 and File No 9/7/2011-S.Th(Vol. IV) dated 08.11.2021.

9. All concerned are requested to take necessary action in this regard.

10. This issues with the approval of Hon'ble Minister for Power, New & Renewable Energy.

Enclosed: As above


(Aravind Kumar)
Deputy Secretary to the Govt. of India
Tel: 2371 4367

Copy to:

- i. Secretary (MoEF&CC), Government of India
- ii. Secretary (MoRTH), Government of India
- iii. Secretary (MoHUA), Government of India
- iv. All Chief Secretaries of States/ Union Territories
- v. Secretary, CERC
- vi. Secretaries of all SERCs/JERCs

Copy for kind information to:

PS to MoP& NRE, PS to MoSP, Sr PPS to Secretary (Power), All Additional Secretaries/Joint Secretaries/E.A/CE(Thermal), Directors/DS, MoP


TRUE COPY

Annexure 3

Report Submitted to Director/Power;

Date: 12.01.2022

Sub.: NLCIL & NTPL - Generation and Disposal of Ash - Monthly Report of December - 2021 - Reg.

The details of Generation and Disposal of Fly Ash & Bottom Ash from our Thermal Power Stations for the Month of December 2021 is submitted below

FLY ASH GENERATION & DISPOSAL FOR DECEMBER- 2021								
	Details	TPS-I	TPS-II	TPS-II	NNTPS	TOTAL	BTPS	NTPL
		Exp		Exp				
1	Quantity of Lignite Consumption	293500	770799	217554	547309		111944.64	-
a	Average ash content in percentage	5.66	6.41	6.69	5.88		11.97	-
b	Total Ash generated during the month	16617	49406	14554	27569	108147	13403	86579
2	Dry Fly Ash Collected During the Month	13985	32998	10725	23799	81506	11300	79627
a	Dry Fly Ash kept in Silo Start of the month	0	960	0	0	960	0	0
b	To Ash pond	0	0	0	0	0	0	0
c	Total Dry Fly Ash collected in Silo	13985	33958	10725	23799	82466	11300	79627
d	Fly Ash Kept in Silo @ the end of Month	0	0	0	0	0	0	0
3	Disposal to Brick Manufacturing Companies (BMCs)							
a	On Regular basis	2734	1961	5822	1715	12232	1927	23192
b	On E-auction basis	0	15337	4370	1704	21411	701	0
c	Disposal on regular basis upto last month	18228	67376	45301	36383	167289	22147	169693
d	Disposal on regular basis this month	2734	1961	5822	1715	12232	1927	23192
e	Cum. disposal on regular upto this month	20962	69337	51123	38098	179520	24074	192885
f	Disposal on E-auction upto last month	1136	83536	26475	6889	118036	4145	0
g	Disposal on E-auction basis this month	0	15337	4370	1704	21411	701	0
h	Cum. disposal on E-auction upto this month	1136	98873	30845	8593	139447	4846	0
4	Disposal to Cement Manufacturing Companies (CMCs)							
a	On Regular basis, this month	0	0	0	0	0	0	0
b	On e-auction basis, this month	9384	16660	533	20114	46692	8672	56435
c	Disposal on regular basis upto last month	0	0	0	3634	3634	4499	0
d	Disposal on regular basis this month	0	0	0	0	0	0	0
e	Cum. disposal on regular, upto this month	0	0	0	3634	3634	4499	0
f	Disposal on E-auction basis upto last month	62907	127550	1902	99449	291808	73053	489332
g	Disposal on E-auction basis this month	9384	16660	533	20114	46692	8672	56435
h	Cum. disposal on E-auction basis upto this month	72291	144210	2435	119564	338500	81725	545767
5	Disposal to NLC Units							
a	Conditioned ash sent to mines for backfilling	1866	0	0	0	1866	0	0
b	To Precasting Yard / NLCIL Units	0	0	0	65	65	0	0
c	Agriculture use/ others (DRDA& NHAI)/Dyke	0	0	0	200	200	0	0
6	a) NLC Units total	1866	0	0	265	2132	0	0
a	NLC Units total upto last month	17770	17546	0	639	35955	214	0
b	NLC Units total this month	1866	0	0	265	2132	0	0
c	NLC Units total upto this month	19636	17546	0	905	38087	214	0

FLY ASH GENERATION & DISPOSAL FOR DECEMBER- 2021								12
	Details	TPS-I	TPS-II	TPS-II	NNTPS	TOTAL	BTPS	NTPL
		Exp		Exp				
7	Dry Fly Ash Utilisation total (Sl.No. 3 to 6)	13985	33958	10725	23799	82466	11300	79627
8	TOTAL (Regular)	2734	1961	5822	1715	12232	1927	23192
9	TOTAL (E-auction)	9384	31997	4904	21818	68103	9373	56435
10	Percentage of Flyash to BMC (Regular)	19.55	5.94	54.28	7.21	15.01	17.05	29.13
11	Percentage of Flyash to CMC(Regular)	0	0	0	0	0.0	0.0	0
12	Percentage of Flyash to BMC (E-auction)	0.0	46.5	40.7	7.2	26.3	6.2	0.0
13	Percentage of Flyash to CMC (E-auction)	67.1	50.5	5.0	84.5	57.3	76.7	70.9
14	Percentage of Flyash to NLC units	13.3	0.0	0.0	1.1	3	0.0	0.0
	Percentage of Flyash to NHAI/DRDA	0.0	0.0	0.0	0.8	0.0	0.0	0.0
15	Total percentage	100.00	102.91	100.00	100.00	101.15	100.00	100.00
16	Percentage of Fly Ash sent to Ash pond	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Bottom Ash Details							
a	Bottom Ash Generated for this month	2633	16408	3829	3771	26641	2103	6953
b	Bottom Ash Utilised/NLCI use/Land Back Fill	0	0	404	0	404	0	0
18	Bottom Ash sent to Ash Pond	0	0	0	0	0	0	0
a	Bottom Ash sent to Cement & Brick	0	0	0	0	0	0	6953
19	Bottom Ash sent to Mines Filling	2633	16408	3425	3771	26236	2103	0
20	Bottom Ash Utilisation	100%	100%	100%	100%	100%	100%	100%

Note: All the Quantities are in metric tonnes

- 1 Thermal Power Station I Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 19.55 %. Quantity of fly ash sent to the ash pond is Nil.
- 2 Thermal Power Station II: Percentage of dry fly ash issued to the BMCs on regular basis is 5.94 %. Quantity of fly ash sent to the ash pond is Nil.
- 3 Thermal Power Station II Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 54.28 %. Quantity of fly ash sent to the ash pond is Nil.
- 4 NNTPS: Percentage of dry fly ash issued to the BMCs on regular basis is 7.21 %. Quantity of fly ash sent to the ash pond is Nil.
- 5 The overall percentage of fly ash issued to the BMCs from all the power stations in Neyveli has been 15.01 % and is NOT meeting the MoEF norm of 20 %. TPS II Expn. achieved the highest among all the Thermal Power Stations in Neyveli with 54.28 % followed by TPS I Expn. with 19.55 %.
- 6 The overall bottom ash utilisation in Neyveli Thermal Power Stations is 100%.
- 7 Barsingsar Thermal Power Station: Percentage of dry fly ash issued to the BMCs on regular basis is 17.05 % and is NOT meeting the MoEF norm of 20%. The utilization of both fly ash and bottom ash is 100%
- 8 NLC Tamil Nadu Power Limited: Percentage of dry fly ash issued to the BMCs on regular basis is 29.13 % and is meeting the MoEF norm of 20 %. The utilization of both fly ash and bottom ash is 100%.

Submitted to Director/Power for favour of information

Copy submitted to ED/Thermal
 Copy submitted to CGM/TPS-I Expansion
 Copy submitted to CGM/TPS-II
 Copy submitted to CGM/TPS-II Expansion
 Copy submitted to CGM/NNTPS
 Copy submitted to Project Head/Barsingsar Project
 Copy submitted to CEO/NTPL

K. Arivazhagan
 12/01/2022
 K. Arivazhagan
 DGM/Civil/TPS-I Expn.
 Nodal Officer/Fly Ash

TRUE COPY



NLC INDIA LIMITED

एन.एल.सी. इंडिया लिमिटेड
(Formerly Neyveli Lignite Corporation Limited)
एन.एल.सी. इंडिया लिमिटेड
(Navratna - A Govt. of India Enterprise)
(भारत सरकार का 'नवरातना' उद्यम)

OFFICE OF THE CHIEF GENERAL MANAGER

THERMAL POWER STATION-I EXPANSION

NEYVELI-607 807

email: gm.tps1expn@nclindia.in / Website: nclindia.in

CIN : L93090TN1956GOI003507

मुख्य महा प्रबन्धक का कार्यालय

ताप विद्युतगृह -1 विस्तार

नेयवेली- 607 807

☎ : 04142 -257 941 / Fax : 04142 -257944

Lr. No: TPS - I EXP/Env/FA05/36/2021

Date: 04.01.2022

To
The Member Secretary,
Tamil Nadu Pollution Control Board,
76, Mount Salai, Guindy,
Chennai – 600 032.

Sir,

Sub: NLC India Ltd-TPS-I Expn-Ash Notification - Monthly Report – December 2021- Reg.

With reference to the above, the details of Ash Generation and utilization are furnished in the format annexed for the month of December 2021 for your kind Perusal.

Thanking you,

Yours faithfully,
For NLC India Ltd


Chief General Manager
TPS-I Expansion

Encl: Annexure

Copy to ICEI/TNPCB, 25, Sidco, Developed Plot Estate, Thuvakudy, Trichy-620 015

Copy to DEE/TNPCB/Plot No. A3 SIPCOT Industrial Complex, Kudikadu, Cuddalore-607 005

Copy to Nodal Officer/Flyash, TPS-I Expn

Copy to DGM/CEC –email

TRUE COPY

Monthly Report on Fly Ash Generation and Disposal by			
Thermal Power Station - I Expansion			
Report of the month		December-21	
1	Name and Address of the Thermal Power Station	Thermal Power Station - I Expan, NLC INDIA Ltd, Neyveli	
Accumulated quantity of ash at the start of the month			
a) Fly Ash			
2	i) Kept in the ash dyke	Nil	
	ii) Kept in Silos	0.00	T
	b) Bottom Ash	Nil	
3	Quantity of Lignite used during the month (With Variety and Ash content)	293500.00 ✓	Tonnes
		5.66 ✓	%
Disposal of Fly Ash			
i) Fly ash to Cement Factories			
	a) Normal	0.00	T
	b) E Auction	9384.13	T
	Total	9384.13 ✓	
ii) Fly ash To Brick Kilns			
	a) Normal	2733.94	T
	b) E Auction	0.00	T
	Total	2733.940 ✓	
4	iii) NLC Pre - Casting Yard	0.00	
	iv) Mine-I	0.00	T
	v) Mines IA	0.00	T
	vi) Mines II	0.00	T
	vii) Others-XXTP	0.00	T
	Dry Fly Ash Total	12118.07	T
Disposal of wet fly Ash			
	a) Dyke rising	0.00	T
	b) Conditioned ash sent to mines for backfilling and NLCII low laying aca	1866.436	T
	wet ash Total	1866.436 ✓	
5	Disposal of Bottom Ash	2632.50 ✓	T
	Specify the location of Disposal	Back filling purpose	
Total Ash Generated during the month			
6	Fly Ash(Dry 12118.07 T+ Wet 1866.436)	13984.506 ✓	T
	Bottom Ash	2632.50	
	Total Ash generated	16617.006 ✓	T
Accumulated quantity of ash at the end of the month			
a) Fly Ash			
7	i) Kept in the ash dyke	Nil	T
	ii) Kept in Silos	0.00	T
8	Any other information		
	Percentage of Ash utilised	100.00%	



TRUE COPY

Office of the Chief General Manager
Thermal Power Station - II (7 x 210 MW)
(An ISO 9001,14001,44001 Certified Power Plant)
NLC India Limited, NEYVELI-7.

Lr.No: TPS-II / PLG/ENV /2005/ T - 01 /2022 dated 4/1/2022

To,
Dy.General Manager/Civil, (Nodal officer - Ash),
TPS-I Expansion,
NLC India Ltd,
Neyveli-607807.

Sir,
Sub: TPS-II (7 x 210 MW) – Fly ash generation and Utilization – monthly report – reg.

The details of Fly ash generation and Utilization for Dec-21 in respect of TPS-II are furnished herewith.

Sl. No	Details	Quantity	Unit	Percentage
1	Quantity of lignite consumption	770,799.22	Tonnes	
2	Average Ash content	6.41	%	
3	Total Calculated Ash	49,406	Tonnes	
	a) Dry fly ash	32,998	Tonnes	
	b) Bottom ash	16,408	Tonnes	
4	Fly ash kept in Silo(start of the month)	960	Tonnes	
5	Fly Ash available in RCC Silos incl.stock	33,958	Tonnes	
	a) Fly ash issued to cement companies			
	Regular	-	Tonnes	
	E.auction	16,660	Tonnes	49.08%
	b) Fly ash issued to brick manufacturers			
	Regular	1,961	Tonnes	5.77%
	E.auction	15,337	Tonnes	45.16%
	c) Fly ash issued to others	-	Tonnes	
6	Total Fly ash issued (Cement,Brick& others)	33,958	Tonnes	
7	Fly ash kept in Silo(End of the month)	-	Tonnes	
8	Bottom ash sent to Mines II	16,408	Tonnes	100%
9	Total utilization of Ash (6+8)	50,366	Tonnes	101.94%

The details of the above may be noted for submission of details to various agencies.

J. Gauthaman
CHIEF GENERAL MANAGER / TPS-II

JL

TRUE COPY

**NLC INDIA LIMITED**

(Formerly Neyveli Lignite Corporation Limited)

"Navratna" - A Govt Of India Enterprise

OFFICE OF THE CHIEF GENERAL MANAGER

Thermal Power Station-II Expansion

Neyveli - 607 807

Cuddalore district, Tamilnadu

TeleFax : 04142-257715 / 257716

Email: gm.tps2expn@nfcindia.in**एनएलसी इंडिया लिमिटेड**

(पूर्व में नैयवेली लिग्नाइट कॉर्पोरेशन लिमिटेड)

भारत सरकार का "नवरात्र" उद्यम

मुख्य महाप्रबंधक का कार्यालय

ताप विद्युत गृह - II विस्तार

नैयवेली - 607 807

कड्डलूर जिला, तमिलनाडु

टेली फैक्स: 04142-257715 / 257716

ई-मेल: gm.tps2expn@nfcindia.in

ISO 9001:2015
ISO 14001:2015
ISO 50001:2015
ISO 45001:2018
Certified by IRIS



QIM 006
EM 005
EnM 001
OHSMS 007

Lr No: NLCIL - TPS2E / PLG / 5529 / 013 / 275 / 2021 - 22**Date: 06-01-2022**

To

The Nodal Officer (Flyash),

NLC India Limited, Neyveli-607807.

Sub: TPS-II Expn. - Monthly Report on Fly Ash Generation & Disposal - Reg.

With reference to the above, the report on Fly Ash Generation & Disposal for the month of Dec-2021 in respect of Thermal Power Station-II Expansion is enclosed in the Annexure.

[Signature]
CHIEF GENERAL MANAGER

Thermal Power Station-II Expansion,
NLC India Limited, Neyveli.

Enclosure: As above

TRUE COPY

ANNEXURE		
<u>Monthly Report on Fly Ash generation and disposal</u>		
Report for the month : December 2021		
01.	Name and Address of the Thermal Power Station	: Thermal Power Station-II Expansion, NLC INDIA Ltd.,Neyveli
02.	Quantity of lignite used during the month (with variety and ash content)	: 2,17,554.33 ✓ Tons (Lignite)
		: 6.69 ✓ % (Ash)
03.	Ash generated during the month	
3.1	Fly Ash	: 10,725.14 ✓ Tons
3.2	Bottom Ash	: 3,829.24 Tons
04.	Disposal of Fly Ash	
4.1	To Cement factories (e-Auction)	: 533.40 ✓ Tons
4.2	To Brick kilns (Regular)	: 5,821.63 ✓ Tons
4.3	To Brick kilns (e-Auction)	: 4,370.11 ✓ Tons
4.4	To other Activities (Sent to Mines for Backfilling)	: 0.00 Tons (NLC use)
4.5	Sent to Ash pond (Wet Ash)	: 0.00 Tons
	Total	: 10,725.14 Tons
05.	Bottom Ash	
5.1	Disposed to Ash Pond	: 0.00 Tons
5.1	Reused as bed material in CFBC Boiler	: 404.24 ✓ Tons
5.1	Disposal of Bottom Ash to Mine-II for Backfilling	: 3,425.00 ✓ Tons
	Total	: 3,829.24 ✓ Tons
06.	Debris / Contaminated Ash(Bed Ash)	: 0.00 Tons
07.	Any other information	: ---

DL

TRUE COPY

OFFICE OF THE CHIEF GENERAL MANAGER
NLC INDIA LIMITED: NEYVELI

Lr. No. CGM/NNTPS/ENV/2021-22/33

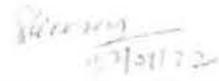
Date: 07.01.2022

To
The Nodal Officer (Fly Ash),
Addl. Dy. General Manager/Civil,
Thermal Power Station-I Expansion,
NLC India Limited., Neyveli.

Sir,

Sub: NNTPS (2 x 500 MW) - Ash Utilization details for the month of December
2021 - Reg.

The details of ash generation and utilization of Neyveli New Thermal Power
Station (2x 500 MW) are furnished in the format annexed for the month of
December 2021 for further process.


07/01/22
GENERAL MANAGER/O&M
NNTPS

TRUE COPY

 Monthly Report on Fly Ash Generation and Disposal Neyveli New Thermal Power Station		
Report for the Month of December 2021		
1	Name of Address of the Thermal Power Station	Neyveli New Thermal Power Station NLC INDIA Ltd., Neyveli-607807, Cuddalore District, Tamilnadu.
Accumulated Quantity of Ash at the Start of the Month (in Tonnes)		
2	a) Fly Ash	
	i) Kept in the Ash Dyke	Nil
	ii) Kept in Silos	Nil
	b) Bottom Ash	Nil
3	Quantity of Lignite used during the month (with Variety and Ash content)	Lignite (Tonnes) 547,308.77 ✓
		Ash Content (%) 5.88 ✓
Disposal of Fly Ash (in Tonnes)		
4	i) Fly Ash to Cement Factories	
	a) Normal	0
	b) E Auction	20114.44
	Sub Total	20114.44 ✓
	ii) Fly Ash to Brick Kilns	
	a) Normal	1714.96 ✓
	b) E Auction	1703.93 ✓
	Sub Total	3418.89
	iii) NLC Pre-casting Yard	
		65.11 ✓
	iv) Mines-I	
		0
	v) Mines IA	
		0
	vi) Mines II	
	0	
vii) Others (Drain Phase III Works & Conditioner Ash testing)		
	200.23 ✓	
Dry Fly Ash Total		23798.67 ✓
Disposal of Wet Fly Ash (in Tonnes)		
a) Dyke Rising		0
b) Conditioned as sent to mines for backfilling and NLCIL Low lying area		0
Wet Ash Total		0.00
5	Disposal of Bottom Ash	3770.76 ✓
	Location of Disposal	For Mine Filling
Total Ash Generated during the Month (in Tonnes)		
6	Fly Ash	23798.67
	Bottom Ash	3770.76
	Total Ash Generated	27569.43 ✓
Accumulated Quantity of Ash at the End of the Month (in Tonnes)		
7	a) Fly Ash	
	i) Kept in the Ash Dyke	Nil
	ii) Kept in Silos	Nil
	b) Bottom Ash	Nil
Any Other Information		
8	Percentage of Ash Utilized	100%


TRUE COPY

	NLC INDIA LIMITED "Navratna" - A Govt of India Enterprise / "नवराता" - भारत सरकार का उपक्रम OFFICE OF THE PROJECT HEAD / BARSINGSAR AND BITHNOK PROJECT परियोजना प्रमुख का कार्यालय / बरसिंगसर एवं बिठनोक परियोजना Barsingsar - 334 432, Bikaner Dist. RAJASTHAN Ph. No. 0151-2847574, Fax No. 0151-2847511 email - phhp@nclindia.in CIN: L93293TN1956GQ1203507 / web: www.nclindia.in	 ISO 9001:2015 OMS ISO 14001:2015 EMS ISO 45001:2018 OHSMS ISO 50001:2018 EnMS

Lr. No: NLCIL-BTPS / PLG/ENV/ 7101 /009/042/ 2022

Date: 07.01.2022

Sub: BTPS-Monthly Report on Ash Generation and Utilization for December-2021-Reg.

The details of Fly Ash and Bottom Ash utilization (in Tonnes) pertaining to BTPS for the month of December - 2021 are enclosed.

01. Dry Fly ash Generation	11299.54
To Ash Pond	0.00
Dry Ash Collected in Silo	11299.54 ✓
02. To Brick Manufacturing Companies (BMC)	2627.50
(a) On Regular Basis	1926.75 ✓
(b) On e'Auction Basis	700.75 ✓
03. To Cement Manufacturing Companies (CMC)	8672.04
(a) On Regular Basis	0.00
(b) On e'Auction Basis	8672.04 ✓
04. To NLC	0.00
(a) For Internal Use	0.00
(b) For Mines Back Filling	0.00
(c) Bed Ash sent for Mines Back Filling	0.00
05. Total Dry Fly ash Utilised / Disposed	11299.54
(a) On Regular Basis	1926.75
(b) On e'Auction Basis	9372.79
06. Dry Fly Ash Utilization / Disposal Percentage (%)	100.00
(a) % of Fly Ash Disposal to BMC (Regular)	17.05
(b) % of Fly Ash Disposal to BMC (e'Auction)	6.20
(c) % of Fly Ash Disposal to CMC (Regular)	0.00
(d) % of Fly Ash Disposal to CMC (e'Auction)	76.75
(e) % of Fly Ash Disposal to NLC	0.00
07. Bottom Ash Generated	2103.45
(a) Bottom Ash Sent to Mines for Back Filling	2103.45 ✓
08. Total Ash (Fly Ash & Bottom Ash) sent for Mines Back Filling	2103.45
09. Percentage of Bottom Ash Utilised / Disposed	100.00
10. Percentage of Ash Content in Lignite	11.97 ✓
11. Lignite consumption	111944.64 ✓
12. Total Ash (Dry Fly Ash & Bottom Ash) Generated	13402.99 ✓
13. Total Ash (Dry Fly Ash & Bottom Ash) Utilized / Disposed	13402.99
PERCENTAGE OF ASH GENERATION & DISPOSAL	100


 PROJECT HEAD
 BARSINGSAR & BITHNOK PROJECT

To
 The Addl. Deputy General Manager/Civil
 Nodal Officer / Fly Ash
 Thermal Power Station -I Expn,
 NLC India Ltd, Neyveli
 Email Id : nodalofficer.flyash@nclindia.in


 TRUE COPY



NLC TAMILNADU POWER LIMITED
 (A JVC between NLC India Ltd (Formerly Neyveli Lignite Corporation Ltd)
 & TANGEDCO and a subsidiary of NLC India Ltd)
OFFICE OF THE CHIEF EXECUTIVE OFFICER
 2*500 MW JV Thermal Power Project
 Harbour Estate, Tuticorin- 628004
 Fax: 0461-2352480, Phone : 0461-2352844, /CIN : U40102TN2005GOI058050
 E-mail: ceo.ntpl@nlicindia.in, Web : www.ntplpower.com



Lr. No.Ash sales/NTPL/Fly ash report/74

04.01.2022

To,

The Nodal Officer,

NTPL

Tuticorin

Sir,

Sub: NTPL- Disposal of Dry fly ash- Monthly report- Dec'21- reg.

The disposal details of dry Fly ash & Bottom ash from NTPL for the month of Dec'2021 are submitted below.

NTPL TUTICORIN		
FLYASH DISPOSAL REPORT FOR THE MONTH OF DEC'21		
S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (Dec'21)	23,192.00
	b) Upto Last month (Nov'21)	7,76,105.43
	c) Cum. Disposal to BMC's on regular basis upto this month	7,99,297.43
2	Disposal to Cement Manufacturing Companies (CMC) & NHAI	
	a) On E-auction/EOI basis, this month (Dec'21)	56,434.90
	b) disposal to CMC's upto last month (Nov'21)	43,22,765.04
	c) Cum. Disposal to CMC's on e-auction basis upto this month	43,79,199.94
3	Fly ash disposed in ash pond for the month of Dec'21	0.00
	Fly ash disposed in ash pond upto month of Nov'21	496.32
	Fly ash disposed in ash pond upto this month	496.32
	Total fly ash disposed in the month of Dec'21	79,626.90
4	Total Dry Fly ash utilisation in this month (Dec'21)	79,626.90
	Total Dry Fly ash utilisation upto last month (Nov'21)	50,98,870.47
	Total Dry Fly ash utilisation	51,78,497.37
5	Percentage of flyash issued to CMC & NHAI for the month of Dec'21	70.87%
6	Percentage of flyash issued to BMC for the month of Dec'21	29.13%
7	Total Percentage	100.00%

TRUE COPY

BOTTOM ASH DISPOSAL REPORT FOR THE MONTH OF DEC'21		
S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (Dec'21)	0.00
	b) Upto Last month (Nov'21)	1,674.22
	c) Cum. Disposal to BMC's on regular basis upto this month [From Apr'18]	1,674.22
2	Disposal to Cement Manufacturing Companies (CMC)	
	a) This month (Dec'21)	6,952.50
	b) disposal to CMC's upto last month (Nov'21)	4,14,058.75
	c) Cum. Disposal to CMC's on regular basis upto this month [From Apr'18]	4,21,011.25
3	Total Bottom ash disposal in this month (Dec'21)	6,952.50
	Total Bottom ash disposal upto last month (Nov'21)	4,15,732.97
	Total Bottom ash disposal [From Apr'18]	4,22,685.47

For NLC Tamilnadu Power Ltd,

Calypso
DCC/12

[Signature]
DGM/CIVIL/NTPL

[Signature]

[Signature]
TRUE COPY

Annexure 4

Report Submitted to Director/Power:

Date: 16.02.2022

Sub.: NLCIL & NTPL - Generation and Disposal of Ash - Monthly Report of January - 2022 - Reg.

The details of Generation and Disposal of Fly Ash & Bottom Ash from our Thermal Power Stations for the Month of January 2022 is submitted below

FLY ASH GENERATION & DISPOSAL FOR JANUARY- 2022								
	Details	TPS-I	TPS-II	TPS-II	NNTPS	TOTAL	BTPS	NTPL
		Exp	Exp	Exp				
1	Quantity of Lignite Consumption	289725	905203	118304	625004		10457.45	-
a	Average ash content in percentage	8.01	6.08	6.71	4.50		10.88	-
b	Total Ash generated during the month	23215	55033	7938	27848	114033	12548	109519
2	Dry Fly Ash Collected During the Month	21068	38325	6233	24581	90207	10457	103976
a	Dry Fly Ash kept in Silo Start of the month	0	0	0	0	0	0	0
b	To Ash pond	0	0	0	0	0	0	0
c	Total Dry Fly Ash collected in Silo	21068	38325	6233	24581	90207	10457	103976
d	Fly Ash Kept in Silo @ the end of Month	0	0	0	0	0	0	0
3	Disposal to Brick Manufacturing Companies (BMCs)							
a	On Regular basis	3152	6259	534	10926	20871	0	30729
b	On E-auction basis	327	15322	5699	3219	24567	522	0
c	Disposal on regular basis upto last month	20962	69337	51123	38098	179520	24074	192885
d	Disposal on regular basis this month	3152	6259	534	10926	20871	0	30729
e	Cum. disposal on regular upto this month	24114	75596	51657	49024	200391	24074	223614
f	Disposal on E-auction upto last month	1136	98873	30845	8593	139447	4846	0
g	Disposal on E-auction basis this month	327	15322	5699	3219	24567	522	0
h	Cum. disposal on E-auction upto this month	1464	114195	36543	11812	164014	5368	0
4	Disposal to Cement Manufacturing Companies (CMCs)							
a	On Regular basis, this month	0	0	0	0	0	0	0
b	On e-auction basis, this month	8513	16744	0	8357	33614	9936	73248
c	Disposal on regular basis upto last month	0	0	0	3634	3634	4499	0
d	Disposal on regular basis this month	0	0	0	0	0	0	0
e	Cum. disposal on regular, upto this month	0	0	0	3634	3634	4499	0
f	Disposal on E-auction basis upto last month	72291	144210	2435	119564	338500	81725	545767
g	Disposal on E-auction basis this month	8513	16744	0	8357	33614	9936	73248
h	Cum. disposal on E-auction basis upto this month	80804	160954	2435	127920	372114	91660	619015
5	Disposal to NLC Units							
a	Conditioned ash sent to mines for backfilling	9076	0	0	0	9076	0	0
b	To Precasting Yard / NLCIL Units	0	0	0	0	0	0	0
c	Agriculture use/ others (DRDA& NHA I)/Dyke	0	0	0	2079	2079	0	0
6	a) NLC Units total	9076	0	0	2079	11155	0	0
a	NLC Units total upto last month	19636	17546	0	905	38087	214	0
b	NLC Units total this month	9076	0	0	2079	11155	0	0
c	NLC Units total upto this month	28712	17546	0	2984	49242	214	0

FLY ASH GENERATION & DISPOSAL FOR JANUARY- 2022							
Details	TPS-I Exp	TPS-II	TPS-II Exp	NNTPS	TOTAL	BTPS	NTPL
	7 Dry Fly Ash Utilisation total (Sl.No. 3 to 6)	21068	38325	6233	24581	90207	10457
8 TOTAL (Regular)	3152	6259	534	10926	20871	0	30729
9 TOTAL (E-auction)	8841	32066	5699	11576	58181	10457	73248
10 Percentage of Flyash to BMC (Regular)	14.96	16.33	8.57	44.45	23.14	0.00	29.55
11 Percentage of Flyash to CMC(Regular)	0	0	0	0	0.0	0.0	0
12 Percentage of Flyash to BMC (E-auction)	1.6	40.0	91.4	13.1	27.2	5.0	0.0
13 Percentage of Flyash to CMC (E-auction)	40.4	43.7	0.0	34.0	37.3	95.0	70.4
14 Percentage of Flyash to NLC units	43.1	0.0	0.0	8.5	12	0.0	0.0
Percentage of Flyash to NHAI/DRDA	0.0	0.0	0.0	8.5	0.0	0.0	0.0
15 Total percentage	100.00	100.00	100.00	100.00	100.00	100.00	100.00
16 Percentage of Fly Ash sent to Ash pond	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17 Bottom Ash Details							
a Bottom Ash Generated for this month	2147	16708	1705	3267	23827	2091	5543
b Bottom Ash Utilised/NLCI use/Land Back Fill	0	0	223	0	223	0	0
18 Bottom Ash sent to Ash Pond	0	0	0	0	0	0	0
a Bottom Ash sent to Cement & Brick	0	0	0	0	0	0	5543
19 Bottom Ash sent to Mines Filling	2147	16708	1482	3267	23604	2091	0
20 Bottom Ash Utilisation	100%	100%	100%	100%	100%	100%	100%

Note: All the Quantities are in metric tonnes

- 1 Thermal Power Station I Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 14.96 %. Quantity of fly ash sent to the ash pond is Nil.
- 2 Thermal Power Station II: Percentage of dry fly ash issued to the BMCs on regular basis is 16.33 %. Quantity of fly ash sent to the ash pond is Nil.
- 3 Thermal Power Station II Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 8.57 %. Quantity of fly ash sent to the ash pond is Nil.
- 4 NNTPS: Percentage of dry fly ash issued to the BMCs on regular basis is 44.45 %. Quantity of fly ash sent to the ash pond is Nil.
- 5 The overall percentage of fly ash issued to the BMCs from all the power stations in Neyveli has been 23.14 %. NNTPP achieved the highest among all the Thermal Power Stations in Neyveli with 44.45 % followed by TPS II with 16.33 %.
- 6 The overall bottom ash utilisation in Neyveli Thermal Power Stations is 100%.
- 7 Barsingsar Thermal Power Station: Fly ash generated has been 100% disposed through e-auction mode to BMCs & CMCs from January 2022 onwards. The utilization of both fly ash and bottom ash is 100%
- 8 NLC Tamil Nadu Power Limited: Percentage of dry fly ash issued to the BMCs on regular basis is 29.55 %. The utilization of both fly ash and bottom ash is 100%.

Submitted to Director/Power for favour of information

Copy submitted to ED/Thermal
Copy submitted to CGM/TPS-I Expansion
Copy submitted to CGM/TPS-II
Copy submitted to CGM/TPS-II Expansion
Copy submitted to CGM/NNTPS
Copy submitted to Project Head/Barsingsar Project
Copy submitted to CEO/NTPL

K. Arivazhagan
16/02/2022
K. Arivazhagan
DGM/Civil/TPS-I Exprn.
Nodal Officer/Fly Ash

TRUE COPY



NLC INDIA LIMITED
 एनएलसी इंडिया लिमिटेड
 (formerly Neyveli Lignite Corporation Limited)
 एनएलसी लिग्नाइट कॉर्पोरेशन लिमिटेड
 ('Navratna' - A Govt. of India Enterprise)
 (भारत सरकार का 'नवरातन' उद्यम)

15
 2022

OFFICE OF THE CHIEF GENERAL MANAGER
 THERMAL POWER STATION-I EXPANSION
 NEYVELI-607 807
 email: gm.tps1expn@nclindia.in / Website: nclindia.in
 CN : L93090TN1956GD1003507

मुख्य महा प्रबन्धक का कार्यालय
 ताप विद्युतगृह -1 विस्तार
 नेयवेली- 607 807
 नं : 04142 -257 941 / Fax : 04142 -257944

Lr. No: TPS - I EXP/Env/FA05/40/2022

Date: 04.02.2022

To
 The Member Secretary,
 Tamil Nadu Pollution Control Board,
 75, Mount Salai, Guindy,
 Chennai – 600 032.

Sir,

Sub: NLC India Ltd-TPS-I Expn-Ash Notification - Monthly Report – January 2022 - Reg.

With reference to the above, the details of Ash Generation and utilization are furnished in the format annexed for the month of January 2022 for your kind Perusal.

Thanking you,

Yours faithfully,
 For NLC India Ltd

CF 05/02/2022
 Chief General Manager
 TPS-I Expansion

Encl: Annexure

Copy to JCEE/TNPCB, 25,Sidco, Developed Plot Estate, Thuvakudy, Trichy-620 015

Copy to DEE/TNPCB/Plot No. A3, SIPCOT Industrial Complex, Kudikadu, Cuddalore-607 005

Copy to Nodal Officer/Flyash, TPS I Expn

Copy to DGM/CEC –email

TRUE COPY

Monthly Report on Fly Ash Generation and Disposal by			
Thermal Power Station - I Expansion			
Report of the month		January-22	
1	Name and Address of the Thermal Power Station :	Thermal Power Station - I Exprn, NLC INDIA Ltd, Neyveli	
Accumulated quantity of ash at the start of the month			
a) Fly Ash			
2	i) Kept in the ash dyke	Nil	
	ii) Kept in Silos	0.00	T
	b) Bottom Ash	Nil	
3	Quantity of Lignite used during the month (With Variety and Ash content) :	289725.00	Tonnes
		8.01	%
Disposal of Fly Ash			
i) Fly ash to Cement Factories			
	a) Normal	0.00	T
	b) E Auction	8513.25	T
	Total	8513.25	
ii) Fly ash To Brick Kilns			
	a) Normal	3151.64	T
	b) E Auction	327.38	T
	Total	3479.020	
4	iii) NLC Pre - Casting Yard	0.00	
	iv) Mine-I	0.00	T
	v) Mines IA	0.00	T
	vi) Mines II	0.00	T
	vii) Others-NNIP	0.00	T
	Dry Fly Ash Total	11992.27	T
Disposal of wet fly Ash			
	a) Dyke rising	0.00	T
	b) Conditioned ash sent to mines for backfilling and NLCIL low laying area	9075.794	T
	wet ash Total	9075.794	
5	Disposal of Bottom Ash :	2146.50	T
	Specify the location of Disposal	Back filling purpose	
Total Ash Generated during the month			
6	Fly Ash(Dry 11992.27 T+ Wet 9075.794)	21068.064	T
	Bottom Ash	2146.50	
	Total Ash generated	23214.564	T
Accumulated quantity of ash at the end of the month			
a) Fly Ash			
7	i) Kept in the ash dyke	Nil	T
	ii) Kept in Silos	0.00	T
8	Any other information :		
	Percentage of Ash utilised	100.00%	

SH

TRUE COPY

Office of the Chief General Manager
Thermal Power Station - II (7 x 210 MW)
(An ISO 9001,14001,44001 Certified Power Plant)
NLC India Limited, NEYVELI-7.

Lr.No: TPS-II / PLG/ENV /2005/ T - 12 /2022 dated 2/2/2022

To,

Dy.General Manager/Civil, (Nodal officer - Ash),
TPS-I Expansion,
NLC India Ltd,
Neyveli-607807.

Sir,

Sub: TPS-II (7 x 210 MW) – Fly ash generation and Utilization – monthly report – reg.

The details of Fly ash generation and Utilization for Jan-22 in respect of TPS-II are furnished herewith.

Sl. No	Details	Quantity	Unit	Percentage
1	Quantity of lignite consumption	905,202.97	Tonnes	
2	Average Ash content	6.08	%	
3	Total Calculated Ash	55,033	Tonnes	
	a) Dry fly ash	38,325	Tonnes	
	b) Bottom ash	16,708	Tonnes	
4	Fly ash kept in Silo(start of the month)	-	Tonnes	
5	Fly Ash available in RCC Silos incl.stock	38,325	Tonnes	
	a) Fly ash issued to cement companies			
	Regular	-	Tonnes	
	E.auction	16,744	Tonnes	43.69%
	b) Fly ash issued to brick manufacturers			
	Regular	6,259	Tonnes	16.33%
	E.auction	15,322	Tonnes	39.98%
	c) Fly ash issued to others	-	Tonnes	
6	Total Fly ash issued (Cement,Brick& others)	38,325	Tonnes	
7	Fly ash kept in Silo(End of the month)	-	Tonnes	
8	Bottom ash sent to Mines II	16,708	Tonnes	100%
9	Total utilization of Ash (6+8)	55,033	Tonnes	100.00%

The details of the above may be noted for submission of details to various agencies.

J. Gauthaman

CHIEF GENERAL MANAGER / TPS-II

21

TRUE COPY

**NLC INDIA LIMITED**

(Formerly Neyveli Lignite Corporation Limited)

"Navratna" - A Govt Of India Enterprise

OFFICE OF THE CHIEF GENERAL MANAGER

Thermal Power Station-II Expansion

Neyveli - 607 807

Cuddalore district, Tamilnadu

TeleFax : 04142-257715 / 257716

Email: gm.tps2expn@nclindia.in**एनएलसी इंडिया लिमिटेड**

(पूर्व में नेयवेली लिग्नाइट कॉर्पोरेशन लिमिटेड)

भारत सरकार का "नवरात" उद्यम

मुख्य महाप्रबंधक का कार्यालय

ताप विद्युत गृह - II विस्तार

नेयवेली - 607 807

कडुलूर जिला, तमिऴनाडु

टेली फैक्स: 04142-257715 / 257716

ई-मेल: gm.tps2expn@nclindia.inISO 9001:2015
ISO 14001:2015
ISO 50001:2018
ISO 45001:2018
Certified by IQSNABCB
OM 906
EM 905
EnM 301
OHGMS 907Lr No: NLCIL - TP52E / PLG / 5529 / 014 / 313 / 2021-22Date: 07-02-2022

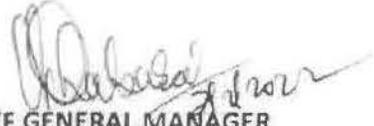
To

The Nodal Officer (Flyash),

NLC India Limited, Neyveli-607807.

Sub: TPS-II Expn. - Monthly Report on Fly Ash Generation & Disposal - Reg.

With reference to the above, the report on Fly Ash Generation & Disposal for the month of Jan-2022 in respect of Thermal Power Station-II Expansion is enclosed in the Annexure.


CHIEF GENERAL MANAGER
**Thermal Power Station-II Expansion,
NLC India Limited, Neyveli.**

Enclosure: As above

ADGN/PLG
7/12/22

AD
7/12/22

719 Registered Office: 1st Floor, FSD, Egmore Complex of FCI, Sathyamurthy Road, Chetpet, Chennai-600 031

Corporate Office: Block-1, Neyveli - 607 801, Tamilnadu. CIN: L93090TN1956GOI003507/Web: www.nclindia.com

TRUE COPY

ANNEXURE		
Monthly Report on Fly Ash generation and disposal		
Report for the month : January 2022		
01.	Name and Address of the Thermal Power Station	: Thermal Power Station-II Expansion, NLC INDIA Ltd.,Neyveli
02.	Quantity of lignite used during the month (with variety and ash content)	: 1,18,303.87 Tons (Lignite)
		: 6.71 % (Ash)
03.	Ash generated during the month	
3.1	Fly Ash	: 6,232.79 Tons
3.2	Bottom Ash	: 1,705.40 Tons
04.	Disposal of Fly Ash	
4.1	To Cement factories (e-Auction)	: 0.00 Tons
4.2	To Brick kilns (Regular)	: 534.21 Tons
4.3	To Brick kilns (e-Auction)	: 5,698.58 Tons
4.4	To other Activities (Sent to Mines for Backfilling)	: 0.00 Tons (NLC use)
4.5	Sent to Ash pond (Wet Ash)	: 0.00 Tons
	Total	: 6,232.79 Tons
05.	Bottom Ash	
5.1	Disposed to Ash Pond	: 0.00 Tons
5.1	Reused as bed material in CFBC Boiler	: 223.40 Tons
5.1	Disposal of Bottom Ash to Mine-II for Backfilling	: 1,482.00 Tons
	Total	: 1,705.40 Tons
06.	Debris / Contaminated Ash(Bed Ash)	: 0.00 Tons
07.	Any other information	: ---

SL

TRUE COPY

OFFICE OF THE CHIEF GENERAL MANAGER

NLC INDIA LIMITED: NEYVELI

Lr. No. CGM/NNTPS/ENV/2021-22/36

Date: 07.02.2022

To

The Nodal Officer (Fly Ash),
Addl. Dy. General Manager/Civil,
Thermal Power Station-I Expansion,
NLC India Limited., Neyveli.

Sir,

Sub: NNTPS (2 x 500 MW) - Ash Utilization details for the month of January
2022 - Reg.

The details of ash generation and utilization of Neyveli New Thermal Power
Station (2x500 MW) are furnished in the format annexed for the month of
January 2022 for further process.

KS - 000 - 21 28/02/22
GENERAL MANAGER/O&M
NNTPS

TRUE COPY

 Monthly Report on Fly Ash Generation and Disposal Neyveli New Thermal Power Station			
Sr. No.	Report for the Month of January 2022		
1	Name of Address of the Thermal Power Station	Neyveli New Thermal Power Station NLC INDIA Ltd., Neyveli-607807, Cuddalore District, Tamilnadu.	
Accumulated Quantity of Ash at the Start of the Month (in Tonnes)			
2	a) Fly Ash		
	i) Kept in the Ash Dyke	Nil	
	ii) Kept in Silos	Nil	
b) Bottom Ash			Nil
3	Quantity of Lignite used during the month (with Variety and Ash content)	Lignite (Tonnes)	625,004.00
		Ash Content (%)	4.5
Disposal of Fly Ash (in Tonnes)			
i) Fly Ash to Cement Factories			
4	a) Normal		
	0		
	b) E Auction		
			8356.74
Sub Total			8356.74
ii) Fly Ash to Brick Kilns			
4	a) Normal		
	10925.73		
	b) E Auction		
			3219.09
Sub Total			14144.82
iii) NLC Pre-casting Yard			
			0
iv) Mines-I			
			0
v) Mines IA			
			0
vi) Mines II			
			0
vii) Others (Drain Phase II Works & Conditioner Ash testing)			
			0
Dry Fly Ash Total			22501.56
Disposal of Wet Fly Ash (in Tonnes)			
a) Dyke Rising			2079.1
b) Conditioned as sent to mines for backfilling and NLCIL Low lying area			0
Wet Ash Total			2079.10
5	Disposal of Bottom Ash	3267	
	Location of Disposal	For Mine Filling	
Total Ash Generated during the Month (in Tonnes)			
6	Fly Ash		
	24580.66		
	Bottom Ash		
			3267
Total Ash Generated			27847.66
Accumulated Quantity of Ash at the End of the Month (in Tonnes)			
7	a) Fly Ash		
	i) Kept in the Ash Dyke		
	Nil		
ii) Kept in Silos			Nil
b) Bottom Ash			Nil
Any Other Information			
8	Percentage of Ash Utilized	100%	

SL

TRUE COPY

	NLC INDIA LIMITED "Navratna" - A Govt of India Enterprise / "नवरातन" - भारत सरकार का उपक्रम OFFICE OF THE PROJECT HEAD / BARSINGSAR AND BITHNOK PROJECT परियोजना प्रमुख का कार्यालय / बरसिंगर एवं बिथनोक परियोजना Barsingsar - 334 402, Bikaner Dist. RAJASTHAN Ph. No. 0151-2847574, Fax No. 0151-2847521 email - phhp@nlicindia.in CIN. L93290TN1956GOIC09507 / web: www.nlicindia.in	 ISO 9001:2015 QMS ISO 14001:2015 EMS ISO 45001:2018 OHSMS ISO 50001:2018 EAMS

Lr. No: NLCIL-BTPS / PLG/ENV/ 7101 /010/048/ 2022

Date: 07.02.2022

Sub: BTPS-Monthly Report on Ash Generation and Utilization for January-2022-Reg.

The details of Fly Ash and Bottom Ash utilization (in Tonnes) pertaining to BTPS for the month of January - 2022 are enclosed.

01. Dry Fly ash Generation	10457.45
To Ash Pond	0.00
Dry Ash Collected in Silo	10457.45
02. To Brick Manufacturing Companies (BMC)	521.80
(a) On Regular Basis	0.00
(b) On e'Auction Basis	521.80
03. To Cement Manufacturing Companies (CMC)	9935.65
(a) On Regular Basis	0.00
(b) On e'Auction Basis	9935.65
04. To NLC	0.00
(a) For Internal Use	0.00
(b) For Mines Back Filling	0.00
(c) Bed Ash sent for Mines Back Filling	0.00
05. Total Dry Fly ash Utilised / Disposed	10457.45
(a) On Regular Basis	0.00
(b) On e'Auction Basis	10457.45
06. Dry Fly Ash Utilization / Disposal Percentage (%)	100.00
(a) % of Fly Ash Disposal to BMC (Regular)	0.00
(b) % of Fly Ash Disposal to BMC (e'Auction)	4.99
(c) % of Fly Ash Disposal to CMC (Regular)	0.00
(d) % of Fly Ash Disposal to CMC (e'Auction)	95.01
(e) % of Fly Ash Disposal to NLC	0.00
07. Bottom Ash Generated	2090.52
(a) Bottom Ash Sent to Mines for Back Filling	2090.52
08. Total Ash (Fly Ash & Bottom Ash) sent for Mines Back Filing	2090.52
09. Percentage of Bottom Ash Utilised / Disposed	100.00
10. Percentage of Ash Content in Lignite	10.88
11. Lignite consumption	115375.46
12. Total Ash (Dry Fly Ash & Bottom Ash) Generated	12547.97
13. Total Ash (Dry Fly Ash & Bottom Ash) Utilized / Disposed	12547.97
PERCENTAGE OF ASH GENERATION & DISPOSAL	100


PROJECT HEAD
BARSINGSAR & BITHNOK PROJECT

To
 The Addl. Deputy General Manager/Civil
 Nodal Officer / Fly Ash
 Thermal Power Station -I Exprn,
 NLC India Ltd, Neyveli
 Email Id : nodalofficer.flyash@nlicindia.in




TRUE COPY



NLC TAMILNADU POWER LIMITED
 (A JVC between NLC India Ltd (Formerly Neyveli Lighter Corporation Ltd)
 & TANGEDCO and a subsidiary of NLC India Ltd)
 OFFICE OF THE CHIEF EXECUTIVE OFFICER
 2*500 MW IV Thermal Power Project
 Harbour Estate, Tuticorin-628004
 Fax: 0461-2352480, Phone: 0461-2352844, CIN: 090102TN2005GN050050
 E-mail: ceo.ntpl@nclindia.in, Web: www.ntplpower.com



Lr. No Ash sales/NTPL/Fly ash report/75

04.02.2022

To,

The Nodal Officer,

NTPL

Tuticorin

Sir,

Sub: NTPL- Disposal of Dry fly ash- Monthly report- Jan'22- reg.

The disposal details of dry Fly ash & Bottom ash from NTPL for the month of Jan'2022 are submitted below

NTPL TUTICORIN		
FLY ASH DISPOSAL REPORT FOR THE MONTH OF JAN'22		
S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (Jan'22)	30,728.54
	b) Upto Last month (Dec'21)	7,99,297.43
	c) Cum. Disposal to BMC's on regular basis upto this month	8,30,025.97
2	Disposal to Cement Manufacturing Companies (CMC) & NHAI	
	a) On E-auction/EOI basis, this month (Jan'22)	73,247.68
	b) disposal to CMC's upto last month (Dec'21)	43,79,199.94
	c) Cum. Disposal to CMC's on e-auction basis upto this month	44,52,447.62
3	Fly ash disposed in ash pond for the month of Jan'22	0.00
	Fly ash disposed in ash pond upto month of Dec'21	496.32
	Fly ash disposed in ash pond upto this month	496.32
	Total fly ash disposed in the month of Jan'22	1,03,976.22
4	Total Dry Fly ash utilisation in this month (Jan'22)	1,03,976.22
	Total Dry Fly ash utilisation upto last month (Dec'21)	51,78,497.37
	Total Dry Fly ash utilisation	52,82,473.59
5	Percentage of flyash issued to CMC & NHAI for the month of Jan'22	70.45%
6	Percentage of flyash issued to BMC for the month of Jan'22	24.55%
7	Total Percentage	100.00%

Page 1 of 2

TRUE COPY

BOTTOM ASH DISPOSAL REPORT FOR THE MONTH OF JAN'22

S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (Jan'22)	0.00
	b) Upto Last month (Dec'21)	1,674.22
	c) Cum. Disposal to BMC's on regular basis upto this month [From Apr'18]	1,674.22
2	Disposal to Cement Manufacturing Companies (CMC)	
	a) This month (Jan'22)	5,543.12
	b) disposal to CMC's upto last month (Dec'21)	4,21,011.25
	c) Cum. Disposal to CMC's on regular basis upto this month [From Apr'18]	4,26,554.37
3	Total Bottom ash disposal in this month (Jan'22)	5,543.12
	Total Bottom ash disposal upto last month (Dec'21)	4,22,685.47
	Total Bottom ash disposal [From Apr'18]	4,28,228.59

For NLC Tamilnadu Power Ltd.


 DGM/CIVIL/NTPL




TRUE COPY

Annexure 5

Report Submitted to Director/Power:

Date: 09.03.2022

Sub.: NLCIL & NTPL - Generation and Disposal of Ash - Monthly Report of February - 2022 - Reg.

The details of Generation and Disposal of Fly Ash & Bottom Ash from our Thermal Power Stations for the Month of February 2022 is submitted below

FLY ASH GENERATION & DISPOSAL FOR FEBRUARY- 2022								
	Details	TPS-I	TPS-II	TPS-II	NNTPS	TOTAL	BTPS	NTPL
		Exp		Exp				
1	Quantity of Lignite Consumption	288009	876361	182594	565845		121032.76	-
a	Average ash content in percentage	6.52	5.47	6.69	6.58		14.21	-
b	Total Ash generated during the month	18782	47918	12216	37281	116197	17196	108862
2	Dry Fly Ash Collected During the Month	16668	32710	10574	34380	94332	14756	100857
a	Dry Fly Ash kept in Silo Start of the month	0	0	0	0	0	0	0
b	To Ash pond	0	0	0	0	0	0	0
c	Total Dry Fly Ash collected in Silo	16668	32710	10574	34380	94332	14756	100857
d	Fly Ash Kept in Silo @ the end of Month	0	0	0	0	0	0	0
3	Disposal to Brick Manufacturing Companies (BMCs)							
a	On Regular basis	3146	5508	2871	10168	21692	0	33934
b	On E-auction basis	749	15549	7704	2444	26445	4698	0
c	Disposal on regular basis upto last month	24114	75596	51657	49024	200391	24074	223614
d	Disposal on regular basis this month	3146	5508	2871	10168	21692	0	33934
e	Cum. disposal on regular upto this month	27260	81104	54527	59192	222083	24074	257548
f	Disposal on E-auction upto last month	1464	114195	36543	11812	164014	5368	0
g	Disposal on E-auction basis this month	749	15549	7704	2444	26445	4698	0
h	Cum. disposal on E-auction upto this month	2212	129744	44247	14256	190459	10065	0
4	Disposal to Cement Manufacturing Companies (CMCs)							
a	On Regular basis, this month	0	0	0	0	0	200	0
b	On e-auction basis, this month	9896	11653	0	21767	43316	9858	66922
c	Disposal on regular basis upto last month	0	0	0	3634	3634	4499	0
d	Disposal on regular basis this month	0	0	0	0	0	200	0
e	Cum. disposal on regular, upto this month	0	0	0	3634	3634	4699	0
f	Disposal on E-auction basis upto last month	80804	160954	2435	127920	372114	91660	619015
g	Disposal on E-auction basis this month	9896	11653	0	21767	43316	9858	66922
h	Cum. disposal on E-auction basis upto this month	90700	172607	2435	149688	415430	101519	685937
5	Disposal to NLC Units							
a	Conditioned ash sent to mines for backfilling	1902	0	0	0	1902	0	0
b	To Precasting Yard / NLCIL Units	0	0	0	0	0	0	0
c	Agriculture use/ others (DRDA& NHAJ)/Dyke	976	0	0	0	976	0	0
6	a) NLC Units total	2878	0	0	0	2878	0	0
a	NLC Units total upto last month	28712	17546	0	2984	49242	214	0
b	NLC Units total this month	2878	0	0	0	2878	0	0
c	NLC Units total upto this month	31590	17546	0	2984	52120	214	0

FLY ASH GENERATION & DISPOSAL FOR FEBRUARY- 2022							
Details	TPS-I	TPS-II	TPS-II	NNTPS	TOTAL	BTPS	NTPL
	Exp		Exp				
7 Dry Fly Ash Utilisation total (Sl.No. 3 to 6)	16668	32710	10574	34380	94332	14756	100857
8 TOTAL (Regular)	3146	5508	2871	10168	21692	200	33934
9 TOTAL (E-auction)	10645	27202	7704	24211	69762	14556	66922
10 Percentage of Flyash to BMC (Regular)	18.87	16.84	27.15	29.58	23.00	0.00	33.65
11 Percentage of Flyash to CMC(Regular)	0	0	0	0	0.0	1.4	0
12 Percentage of Flyash to BMC (E-auction)	4.5	47.5	72.9	7.1	28.0	31.8	0.0
13 Percentage of Flyash to CMC (E-auction)	59.4	35.6	0.0	63.3	45.9	66.8	66.4
14 Percentage of Flyash to NLC units	17.3	0.0	0.0	0.0	3	0.0	0.0
Percentage of Flyash to NHAI/DRDA	5.9	0.0	0.0	0.0	0.0	0.0	0.0
15 Total percentage	100.00	100.00	100.00	100.00	100.00	100.00	100.00
16 Percentage of Fly Ash sent to Ash pond	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Bottom Ash Details						
a Bottom Ash Generated for this month	2114	15207	1641	2902	21864	2440	8006
b Bottom Ash Utilised/NLCI use/Land Back Fill	0	0	142	0	142	0	0
18 Bottom Ash sent to Ash Pond	0	0	0	0	0	0	0
a Bottom Ash sent to Cement & Brick	0	0	0	0	0	0	8006
19 Bottom Ash sent to Mines Filling	2114	15207	1499	2902	21722	2440	0
20 Bottom Ash Utilisation	100%	100%	100%	100%	100%	100%	100%

Note: All the Quantities are in metric tonnes

- 1 Thermal Power Station I Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 18.87 %. Quantity of fly ash sent to the ash pond is Nil.
- 2 Thermal Power Station II: Percentage of dry fly ash issued to the BMCs on regular basis is 16.84 %. Quantity of fly ash sent to the ash pond is Nil.
- 3 Thermal Power Station II Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 27.15 %. Quantity of fly ash sent to the ash pond is Nil.
- 4 NNTPS: Percentage of dry fly ash issued to the BMCs on regular basis is 29.58 %. Quantity of fly ash sent to the ash pond is Nil.
- 5 The overall percentage of fly ash issued to the BMCs from all the power stations in Neyveli has been 23 %. NNTPP achieved the highest among all the Thermal Power Stations in Neyveli with 29.58 % followed by TPS II Expansion with 27.15 %.
- 6 The overall bottom ash utilisation in Neyveli Thermal Power Stations is 100%.
- 7 Barsingsar Thermal Power Station: 98.60% of Fly ash generated has been disposed through e-auction mode to BMCs & CMCs in February 2022. 1.40 % has been disposed through regular Cement companies. The utilization of both fly ash and bottom ash is 100%
- 8 NLC Tamil Nadu Power Limited: Percentage of dry fly ash issued to the BMCs on regular basis is 33.65 %. The utilization of both fly ash and bottom ash is 100%.

Submitted to Director/Power for favour of information

Copy submitted to ED/Thermal
 Copy submitted to CGM/TPS-I Expansion
 Copy submitted to ED/TPS-II
 Copy submitted to CGM/TPS-II Expansion
 Copy submitted to CGM/NNTPS
 Copy submitted to Project Head/Barsingsar Project

E. Arivazhagan
 09/03/2022
 K. Arivazhagan
 DGM/Civil/TPS-I Expn.
 Nodal Officer/Fly Ash

TRUE COPY



NLC INDIA LIMITED
 एनएलसी इंडिया लिमिटेड
 (formerly Neyveli Lignite Corporation Limited)
 (पूर्व में नेवेली लिग्नाइट कॉर्पोरेशन लिमिटेड)
 ('Navratna' - A Govt. of India Enterprise)
 (भारत सरकार का 'नवरातन' उद्यम)

OFFICE OF THE CHIEF GENERAL MANAGER
 THERMAL POWER STATION-I EXPANSION
 NEYVELI-607 807

email: gm.tps1expn@nlicindia.in / Website: nlicindia.in
 CIN : L93090TN1956GOI003507

मुख्य महा प्रबन्धक का कार्यालय
 ताप विद्युतगृह -1 विस्तार
 नेवेली- 607 807

☎ : 04142 -257 941 / Fax : 04142 -257944

Lr. No: TPS - I EXP/Env/FA05/43/2022

Date: 05.03.2022

To
 The Member Secretary,
 Tamil Nadu Pollution Control Board,
 76, Mount Salai, Guindy,
 Chennai – 600 032.

Sir,

Sub: NLC India Ltd-TPS-I Expn-Ash Notification - Monthly Report – February 2022- Reg.

With reference to the above, the details of Ash Generation and utilization are furnished in the format annexed for the month of February 2022 for your kind Perusal.

Thanking you,

Yours faithfully,
 For NLC India Ltd

CF 05/03/2022
 Chief General Manager
 TPS-I Expansion

2/2

Encl: Annexure

Copy to DEE/TNPCB/Plot No. A3, SIPCOT Industrial Complex, Kudikadu, Cuddalore-607 005

Copy to Nodal Officer/Flyash, TPS-I Expn

Copy to DGM/CEC –email

TRUE COPY

Monthly Report on Fly Ash Generation and Disposal by			
Thermal Power Station - I Expansion			
Report of the month		February-22	
1	Name and Address of the Thermal Power Station :	Thermal Power Station - I Expn, NLC INDIA Ltd, Neyveli	
Accumulated quantity of ash at the start of the month			
a) Fly Ash			
2	i) Kept in the ash dyke	Nil	
	ii) Kept in Silos	0.00	T
	b) Bottom Ash	Nil	
3	Quantity of Lignite used during the month (With Variety and Ash content) :	288009.00	Tonnes
		6.52	%
Disposal of Fly Ash			
i) Fly ash to Cement Factories			
4	a) Normal	0.00	T
	b) E Auction	9896.08	T
	Total	9896.08	
ii) Fly ash To Brick Kilns			
4	a) Normal	3145.58	T
	b) E Auction	748.63	T
	Total	3894.210	
4	iii) NLC Pre - Casting Yard	0.00	
	iv) Mine-I	0.00	I
	v) Mines IA	0.00	I
	vi) Mines II	0.00	I
	vii) Others-XXII	0.00	I
	Dry Fly Ash Total	13790.29	I
	Disposal of wet fly Ash		
5	a) Dyke rising	976.08	I
	b) Conditioned ash sent to mines for backfilling and NLCIL low laying area	1901.887	I
	wet ash Total	2877.967	
5	Disposal of Bottom Ash :	2114.10	T
	Specify the location of Disposal :	Back filling purpose	
Total Ash Generated during the month			
6	Fly Ash(Dry 13790.29 T+ Wet 2877.967)	16668.257	T
	Bottom Ash	2114.10	
	Total Ash generated	18782.357	I
Accumulated quantity of ash at the end of the month			
a) Fly Ash			
7	i) Kept in the ash dyke	Nil	T
	ii) Kept in Silos	0.00	T
8	Any other information :		
	Percentage of Ash utilised	100.00%	

BL
TRUE COPY

Office of the Chief General Manager
Thermal Power Station - II (7 x 210 MW)
(An ISO 9001, 14001, 44001 Certified Power Plant)
NLC India Limited, NEYVELI-7.

Lr.No: TPS-II / PLG/ENV /2005/ T - 11 /2022 dated 3/2/2022

To,

Dy.General Manager/Civil, (Nodal officer - Ash),
TPS-II Expansion,
NLC India Ltd,
Neyveli-607807.

Sir,

Sub: TPS-II (7 x 210 MW) – Fly ash generation and Utilization – monthly report – reg.

The details of Fly ash generation and Utilization for Feb-22 in respect of TPS-II are furnished herewith.

Sl. No	Details	Quantity	Unit	Percentage
1	Quantity of lignite consumption	876,360.77	Tonnes	
2	Average Ash content	5.47	%	
3	Total Calculated Ash	47,918	Tonnes	
	a) Dry fly ash	32,710	Tonnes	
	b) Bottom ash	15,207	Tonnes	
4	Fly ash kept in Silo(start of the month)	-	Tonnes	
5	Fly Ash available in RCC Silos incl.stock	32,710	Tonnes	
	a) Fly ash issued to cement companies			
	Regular	-	Tonnes	
	E.auction	11,653	Tonnes	35.63%
	b) Fly ash issued to brick manufacturers			
	Regular	5,508	Tonnes	16.84%
	E.auction	15,549	Tonnes	47.54%
	c) Fly ash issued to others	-	Tonnes	
6	Total Fly ash issued (Cement, Brick & others)	32,710	Tonnes	
7	Fly ash kept in Silo(End of the month)	-	Tonnes	
8	Bottom ash sent to Mines II	15,207	Tonnes	100%
9	Total utilization of Ash (6+8)	47,918	Tonnes	100.00%

The details of the above may be noted for submission of details to various agencies.

J. Gauthaman
EXECUTIVE DIRECTOR / TPS-II

DL

TRUE COPY

OFFICE OF THE CHIEF GENERAL MANAGER

NLC INDIA LIMITED: NEYVELI

Lr. No. CGM/NNTPS/ENV/2021-22/41

Date: 07.03.2022

To

The Nodal Officer (Fly Ash),
Addl. Dy. General Manager/Civil,
Thermal Power Station-I Expansion,
NLC India Limited., Neyveli.

Sir,

Sub: NNTPS (2 x 500 MW) - Ash Utilization details for the month of February
2022 - Reg.

The details of ash generation and utilization of Neyveli New Thermal Power
Station (2x500 MW) are furnished in the format annexed for the month of
February 2022 for further process.

S. Kumar
07/03/22
GENERAL MANAGER/O&M
NNTPS

TRUE COPY

 Monthly Report on Fly Ash Generation and Disposal Neyveli New Thermal Power Station			
Report for the Month of February 2022			
1	Name of Address of the Thermal Power Station	Neyveli New Thermal Power Station NLC INDIA Ltd., Neyveli-607807, Cuddalore District, Tamilnadu.	
Accumulated Quantity of Ash at the Start of the Month (in Tonnes)			
a) Fly Ash			
2	i) Kept in the Ash Dyke	Nil	
	ii) Kept in Silos	Nil	
	b) Bottom Ash	Nil	
3	Quantity of Lignite used during the month (with Variety and Ash content)	Lignite (Tonnes)	565,845.00
		Ash Content (%)	6.58
Disposal of Fly Ash (In Tonnes)			
i) Fly Ash to Cement Factories			
	a) Normal	0	
	b) E Auction	21767.34	
	Sub Total	21767.34	
ii) Fly Ash to Brick Kilns			
	a) Normal	10168.09	
	b) E Auction	2444.13	
	Sub Total	12612.22	
iii) NLC Pre-casting Yard			
		0	
iv) Mines-I			
		0	
v) Mines IA			
		0	
vi) Mines II			
		0	
vii) Others (Drain Phase III Works & Conditioner Ash testing)			
		0	
	Dry Fly Ash Total	34379.56	
Disposal of Wet Fly Ash (In Tonnes)			
	a) Dyke Rising	0	
	b) Conditioned as sent to mines for backfilling and NLCIL Low lying area	0	
	Wet Ash Total	0.00	
5	Disposal of Bottom Ash	2901.6	
	Location of Disposal	For Mine Filling	
Total Ash Generated during the Month (in Tonnes)			
6	Fly Ash	34379.56	
	Bottom Ash	2901.6	
	Total Ash Generated	37281.16	
Accumulated Quantity of Ash at the End of the Month (in Tonnes)			
a) Fly Ash			
7	i) Kept in the Ash Dyke	Nil	
	ii) Kept in Silos	Nil	
	b) Bottom Ash	Nil	
Any Other Information			
8	Percentage of Ash Utilized	100%	


TRUE COPY
TRUE COPY


NLC INDIA LIMITED

(Formerly Neyveli Lignite Corporation Limited)
 "Navratna" - A Govt Of India Enterprise
OFFICE OF THE CHIEF GENERAL MANAGER
 Thermal Power Station-II Expansion
 Neyveli - 607 807
 Cuddalore district, Tamilnadu
 Tele/Fax : 04142-257715 / 257716
 Email: gm.tps2expn@nlicindia.in

एनएलसी इंडिया लिमिटेड

(पूर्व में नेयवेली लिग्नाइट कॉर्पोरेशन लिमिटेड)

भारत सरकार का "नवरात्र" उद्यम
 मुख्य महाप्रबंधक का कार्यालय
 थर्मल विद्युत प्लांट - II विस्तार
 नेयवेली - 607 807
 कड्डलूर जिला, तमिलनाडु
 टेली फैक्स: 04142-257715 / 257716
 ई-मेल: gm.tps2expn@nlicindia.in



ISO 9001:2015
 ISO 14001:2015
 ISO 45001:2018
 ISO 27001:2018
 Certified by DQS



NABCB
 QM 006
 Em 005
 EmM 001
 OHSMS 007

Lr No: NLCIL - TPS2E /PLG / 5529 /015 /346 /2021-22

Date: 03-03-2022

To

The Nodal Officer (Flyash),
 NLC India Limited, Neyveli-607807.

Sub: TPS-II Expn. - Monthly Report on Fly Ash Generation & Disposal - Reg.

With reference to the above, the report on Fly Ash Generation & Disposal for the month of in Feb-2022 respect of Thermal Power Station-II Expansion is enclosed in the Annexure.

[Signature]
 4/2/2022
CHIEF GENERAL MANAGER
 Thermal Power Station-II Expansion,
 NLC India Limited, Neyveli.

Enclosure: As above

CGM / TPS-II Expa.

No. 786

03.03.22

[Signature]
 03/03/22

Registered Office: 1st Floor, FSD, Egmore Complex of FCI, Sathyamurthy Road, Chetpet, Chennai-600 031
 Corporate Office: Block-1, Neyveli - 607 801, Tamilnadu. CIN: L93090TN1956GOI003507/Web: www.nlicindia.com

TRUE COPY

ANNEXURE			
Monthly Report on Fly Ash generation and disposal			
Report for the month : February 2022			
01.	Name and Address of the Thermal Power Station	:	Thermal Power Station-II Expansion, NLC INDIA Ltd.,Neyveli
02.	Quantity of lignite used during the month (with variety and ash content)	:	1,82,593.74 Tons (Lignite)
		:	6.69 % (Ash)
03.	Ash generated during the month	:	
3.1	Fly Ash	:	10,574.31 Tons
3.2	Bottom Ash	:	1,641.21 Tons
04.	Disposal of Fly Ash	:	
4.1	To Cement factories (e-Auction)	:	0.00 Tons
4.2	To Brick kilns (Regular)	:	2,870.62 Tons
4.3	To Brick kilns (e-Auction)	:	7,703.69 Tons
4.4	To other Activities (Sent to Mines for Backfilling)	:	0.00 Tons (NLC use)
4.5	Sent to Ash pond (Wet Ash)	:	0.00 Tons
	Total	:	10,574.31 Tons
05.	Bottom Ash	:	
5.1	Disposed to Ash Pond	:	0.00 Tons
5.1	Reused as bed material in CFBC Boiler	:	141.82 Tons
5.1	Disposal of Bottom Ash to Mine-II for Backfilling	:	1,499.39 Tons
	Total	:	1,641.21 Tons
06.	Debris / Contaminated Ash(Bed Ash)	:	0.00 Tons
07.	Any other information	:	---

SR

TRUE COPY

	NLC INDIA LIMITED "Navratna" - A Govt of India Enterprise / "नवरात्र" - भारत सरकार का उपक्रम OFFICE OF THE PROJECT HEAD / BARSINGSAR AND BITHNOK PROJECT परियोजना प्रमुख का कार्यालय / बारासिंगर एवं बिथनोक परियोजना Barsingsar - 334 402, Bikaner Dist. RAJASTHAN Ph. No. 0151-2847574, Fax No-0151-2847511 email - phhp@nclindia.in CIN: L9299DTN1956GOI005507 / web: www.nclindia.in	 ISO 9001:2015 QMS ISO 14001:2015 EMS ISO 45001:2018 OHSMS ISO 50001:2018 EnMS

Lr. No: NLCIL-BTPS / PLG/ENV/ 7101 /011/052/ 2022

Date: 05.03.2022

Sub: BTPS-Monthly Report on Ash Generation and Utilization for February-2022-Reg.

The details of Fly Ash and Bottom Ash utilization (In Tonnes) pertaining to BTPS for the month of February - 2022 are enclosed.

01. Dry Fly ash Generation	14756.01
To Ash Pond	0.00
Dry Ash Collected in Silo	14756.01
02. To Brick Manufacturing Companies (BMC)	4697.57
(a) On Regular Basis	0.00
(b) On e'Auction Basis	4697.57
03. To Cement Manufacturing Companies (CMC)	10058.44
(a) On Regular Basis	200.00
(b) On e'Auction Basis	9858.44
04. To NLC	0.00
(a) For Internal Use	0.00
(b) For Mines Back Filling	0.00
(c) Bed Ash sent for Mines Back Filling	0.00
05. Total Dry Fly ash Utilised / Disposed	14756.01
(a) On Regular Basis	200.00
(b) On e'Auction Basis	14556.01
06. Dry Fly Ash Utilization / Disposal Percentage (%)	100.00
(a) % of Fly Ash Disposal to BMC (Regular)	0.00
(b) % of Fly Ash Disposal to BMC (e'Auction)	31.83
(c) % of Fly Ash Disposal to CMC (Regular)	1.36
(d) % of Fly Ash Disposal to CMC (e'Auction)	66.81
(e) % of Fly Ash Disposal to NLC	0.00
07. Bottom Ash Generated	2439.66
(a) Bottom Ash Sent to Mines for Back Filling	2439.66
08. Total Ash (Fly Ash & Bottom Ash) sent for Mines Back Filling	2439.66
09. Percentage of Bottom Ash Utilised / Disposed	100.00
10. Percentage of Ash Content in Lignite	14.21
11. Lignite consumption	121032.76
12. Total Ash (Dry Fly Ash & Bottom Ash) Generated	17195.67
13. Total Ash (Dry Fly Ash & Bottom Ash) Utilized / Disposed	17195.67
PERCENTAGE OF ASH GENERATION & DISPOSAL	100


PROJECT HEAD
BARSINGSAR & BITHNOK PROJECT

To
 The Addl. Deputy General Manager/Civil
 Nodal Officer / Fly Ash
 Thermal Power Station -I Exprn,
 NLC India Ltd, Neyveli
 Email Id : nodalofficer.flyash@nclindia.in


TRUE COPY



NLC TAMILNADU POWER LIMITED
 (A JVC between NLC India Ltd (Formerly Neyveli Lignite Corporation Ltd) & TANGEDCO and a subsidiary of NLC India Ltd)
 OFFICE OF THE CHIEF EXECUTIVE OFFICER
 2*500 MW IV Thermal Power Project
 Harbour Estate, Tuticorin- 628004
 Fax: 0461-2352480, Phone : 0461-2352844, /CIN : U40102TN2005GOI058050
 E-mail: ceo.ntpl@nclindia.in, Web : www.ntplpower.com



Lr. No.Ash sales/NTPL/Fly ash report/76

07.03.2022

To,

The Nodal Officer,
 NTPL
 Tuticorin

Sir,

Sub: NTPL- Disposal of Dry fly ash- Monthly report- Feb'22- reg.

The disposal details of dry Fly ash & Bottom ash from NTPL for the month of Feb'2022 are submitted below.

NTPL TUTICORIN		
FLYASH DISPOSAL REPORT FOR THE MONTH OF FEB'22		
S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (Feb'22)	33,934.34
	b) Upto Last month (Jan'22)	8,30,025.97
	c) Cum. Disposal to BMC's on regular basis upto this month	8,63,960.31
2	Disposal to Cement Manufacturing Companies (CMC) & NHAI	
	a) On E-auction/EOI basis, this month (Feb'22)	66,922.48
	b) disposal to CMC's upto last month (Jan'22)	44,52,447.62
	c) Cum. Disposal to CMC's on e-auction basis upto this month	45,19,370.10
3	Fly ash disposed in ash pond for the month of Feb'22	0.00
	Fly ash disposed in ash pond upto month of Jan'22	496.32
	Fly ash disposed in ash pond upto this month	496.32
	Total fly ash disposed in the month of Feb'22	1,00,856.82
4	Total Dry Fly ash utilisation in this month (Feb'22)	1,00,856.82
	Total Dry Fly ash utilisation upto last month (Jan'22)	52,82,473.59
	Total Dry Fly ash utilisation	53,83,330.41
5	Percentage of flyash issued to CMC & NHAI for the month of Feb'22	66.35%
6	Percentage of flyash issued to BMC for the month of Feb'22	33.65%
7	Total Percentage	100.00%

TRUE COPY

BOTTOM ASH DISPOSAL REPORT FOR THE MONTH OF FEB'22		
S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (Feb'22)	0.00
	b) Upto Last month (Jan'22)	1,674.22
	c) Cum. Disposal to BMC's on regular basis upto this month [From Apr'18]	1,674.22
2	Disposal to Cement Manufacturing Companies (CMC)	
	a) This month (Feb'22)	8,005.62
	b) disposal to CMC's upto last month (Jan'22)	4,26,554.37
	c) Cum. Disposal to CMC's on regular basis upto this month [From Apr'18]	4,34,559.99
3	Total Bottom ash disposal in this month (Feb'22)	8,005.62
	Total Bottom ash disposal upto last month (Jan'22)	4,28,228.59
	Total Bottom ash disposal [From Apr'18]	4,36,234.21

For NLC Tamilnadu Power Ltd,

[Signature]
DGM/CIVIL/NTPL

[Signature]

TRUE COPY

Annexure 6

Report Submitted to Director/Power:

Date: 11.04.2022

Sub.: NLCIL & NTPL - Generation and Disposal of Ash - Monthly Report of March - 2022 - Reg.

The details of Generation and Disposal of Fly Ash & Bottom Ash from our Thermal Power Stations for the Month of March 2022 is submitted below

FLY ASH GENERATION & DISPOSAL FOR MARCH- 2022							
Details	TPS-I	TPS-II	TPS-II	NNTPS	TOTAL	BTPS	NTPL
	Exp		Exp				
1 Quantity of Lignite Consumption	316680	954300	67968	600162		127877.74	-
a Average ash content in percentage	6.61	5.90	6.80	6.68		17.8	-
b Total Ash generated during the month	20941	56286	4622	40106	121954	22758	108201
2 Dry Fly Ash Collected During the Month	18640	37164	3834	37118	96756	19164	99279
a Dry Fly Ash kept in Silo Start of the month	0	0	0	0	0	0	0
b To Ash pond	0	0	0	0	0	0	0
c Total Dry Fly Ash collected in Silo	18640	37164	3834	37118	96756	19164	99279
d Fly Ash Kept in Silo @ the end of Month	0	0	0	0	0	0	0
3 Disposal to Brick Manufacturing Companies (BMCs)							
a On Regular basis	3416	6199	0	3381	12996	0	17918
b On E-auction basis	2948	21115	3834	2385	30282	4598	0
c Disposal on regular basis upto last month	27260	81104	54527	59192	222083	24074	257548
d Disposal on regular basis this month	3416	6199	0	3381	12996	0	17918
e Cum. disposal on regular upto this month	30675	87303	54527	62573	235079	24074	275466
f Disposal on E-auction upto last month	2212	129744	44247	14256	190459	10065	0
g Disposal on E-auction basis this month	2948	21115	3834	2385	30282	4598	0
h Cum. disposal on E-auction upto this month	5160	150859	48081	16642	220742	14663	0
4 Disposal to Cement Manufacturing Companies (CMCs)							
a On Regular basis, this month	0	0	0	0	0	0	0
b On e-auction basis, this month	11730	9850	0	31352	52931	14172	81362
c Disposal on regular basis upto last month	0	0	0	3634	3634	4699	0
d Disposal on regular basis this month	0	0	0	0	0	0	0
e Cum. disposal on regular, upto this month	0	0	0	3634	3634	4699	0
f Disposal on E-auction basis upto last month	90700	172607	2435	149688	415430	101519	685937
g Disposal on E-auction basis this month	11730	9850	0	31352	52931	14172	81362
h Cum. disposal on E-auction basis upto this month	102430	182457	2435	181039	468362	115690	767299
5 Disposal to NLC Units							
a Conditioned ash sent to mines for backfilling	547	0	0	0	547	0	0
b To Precasting Yard / NLCIL Units	0	0	0	0	0	394	0
c Agriculture use/ others (DRDA& NHA I)/Dyke	0	0	0	0	0	0	0
6 a) NLC Units total	547	0	0	0	547	394	0
a NLC Units total upto last month	31590	17546	0	2984	52120	214	0
b NLC Units total this month	547	0	0	0	547	394	0

TRUE COPY

FLY ASH GENERATION & DISPOSAL FOR MARCH- 2022							
Details	TPS-I	TPS-II	TPS-II	NNTPS	TOTAL	BTPS	NTPL
	Exp		Exp				
c NLC Units total upto this month	32137	17546	0	2984	52667	607	0
7 Dry Fly Ash Utilisation total (Sl.No. 3 to 6)	18640	37164	3834	37118	96756	19164	99279
8 TOTAL (Regular)	3416	6199	0	3381	12996	0	17918
9 TOTAL (E-auction)	14678	30965	3834	33737	83214	18770	81362
10 Percentage of Flyash to BMC (Regular)	18.32	16.68	0.00	9.11	13.43	0.00	18.05
11 Percentage of Flyash to CMC(Regular)	0	0	0	0	0.0	0.0	0
12 Percentage of Flyash to BMC (E-auction)	15.8	56.8	100.0	6.4	31.3	24.0	0.0
13 Percentage of Flyash to CMC (E-auction)	62.9	26.5	0.0	84.5	54.7	74.0	82.0
14 Percentage of Flyash to NLC units	2.9	0.0	0.0	0.0	1	2.1	0.0
Percentage of Flyash to NHAI/DRDA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15 Total percentage	100.00	100.00	100.00	100.00	100.00	100.00	100.00
16 Percentage of Fly Ash sent to Ash pond	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17 Bottom Ash Details							
a Bottom Ash Generated for this month	2300	19121	788	2987	25197	3595	8921
b Bottom Ash Utilised/NLCI use/Land Back Fill	0	0	24	0	24	0	0
18 Bottom Ash sent to Ash Pond	0	0	0	0	0	0	0
a Bottom Ash sent to Cement & Brick	0	0	0	0	0	0	8921
19 Bottom Ash sent to Mines Filling	2300	19121	764	2987	25173	3595	0
20 Bottom Ash Utilisation	100%	100%	100%	100%	100%	100%	100%

Note: All the Quantities are in metric tonnes

- 1 Thermal Power Station I Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 18.32 %. Quantity of fly ash sent to the ash pond is Nil.
- 2 Thermal Power Station II: Percentage of dry fly ash issued to the BMCs on regular basis is 16.68 %. Quantity of fly ash sent to the ash pond is Nil.
- 3 Thermal Power Station II Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is Nil. Quantity of fly ash sent to the ash pond is Nil.
- 4 NNTPS: Percentage of dry fly ash issued to the BMCs on regular basis is 9.11 %. Quantity of fly ash sent to the ash pond is Nil.
- 5
The overall percentage of fly ash issued to the BMCs from all the power stations in Neyveli has been 13.43 %. TPS-I Exprn. achieved the highest among all the Thermal Power Stations in Neyveli with 18.32 % followed by TPS II with 16.68 %.
- 6 The overall bottom ash utilisation in Neyveli Thermal Power Stations is 100%.
- 7 Barsingsar Thermal Power Station: 97.90% of Fly ash generated has been disposed through e-auction mode to BMCs & CMCs in March 2022. 2.10 % has been utilised in NLCIL unit. The utilization of both fly ash and bottom ash is 100%
- 8 NLC Tamil Nadu Power Limited: Percentage of dry fly ash issued to the BMCs on regular basis is 18.05 %. The utilization of both fly ash and bottom ash is 100%.

Submitted to Director/Power for favour of information

Copy submitted to ED/Thermal
Copy submitted to CGM/TPS-I Expansion
Copy submitted to GM/TPS-II
Copy submitted to CGM/TPS-II Expansion
Copy submitted to CGM/NNTPS
Copy submitted to Project Head/Barsingsar Project
Copy submitted to CEO/NTPL


K. Arivazhagan
DGM/Civil/TPS-I Exprn.
Nodal Officer/Fly Ash

TRUE COPY

Monthly Report on Fly Ash Generation and Disposal by			
Thermal Power Station - I Expansion			
Report of the month		March-22	
1	Name and Address of the Thermal Power Station :	Thermal Power Station - I Expn, NLC INDIA Ltd, Neyveli	
Accumulated quantity of ash at the start of the month			
a) Fly Ash			
2	i) Kept in the ash dyke	Nil	
	ii) Kept in Silos	0.00	T
b) Bottom Ash			
		Nil	
3	Quantity of Lignite used during the month (With Variety and Ash content) :	316680.00	Tonnes
		6.61	%
Disposal of Fly Ash			
i) Fly ash to Cement Factories			
	a) Normal	0.00	T
	b) E Auction	11729.68	T
	Total	11729.68	
ii) Fly ash To Brick Kilns			
	a) Normal	3415.81	T
	b) E Auction	2947.95	T
	Total	6363.760	
4	iii) NLC Pre - Casting Yard	0.00	
	iv) Mine-I	0.00	T
	v) Mines IA	0.00	T
	vi) Mines II	0.00	T
	vii) Others-NNTP	0.00	T
	Dry Fly Ash Total :	18093.44	T
Disposal of wet fly Ash			
	a) Dyke rising	0.00	T
	b) Conditioned ash sent to mines for backfilling and NLCIL low laying area	546.845	T
	wet ash Total :	546.845	
5	Disposal of Bottom Ash :	2300.40	T
	Specify the location of Disposal :	Back filling purpose	
Total Ash Generated during the month			
6	Fly Ash(Dry 18093.44 T+ Wet 546.845)	18640.285	T
	Bottom Ash	2300.40	
	Total Ash generated	20940.685	T
Accumulated quantity of ash at the end of the month			
a) Fly Ash			
7	i) Kept in the ash dyke	Nil	T
	ii) Kept in Silos	0.00	T
8	Any other information :		
	Percentage of Ash utilised	100.00%	

TRUE COPY

Office of the Chief General Manager
Thermal Power Station - II (7 x 210 MW)
(An ISO 9001, 14001, 44001 Certified Power Plant)
NLC India Limited, NEYVELI-7.

LT.No: TPS II / PLG/ENV / 2005/ T - 23/2022 dated 02-04-2022

To,

Dy. General Manager/Civil, (Nodal officer - Ash),
TPS-II Expansion,
NLC India Ltd,
Neyveli-607807.

Sir,

Sub: TPS-II (7 x 210 MW) – Fly ash generation and Utilization – monthly report – reg.

The details of Fly ash generation and Utilization for Mar-22 in respect of TPS-II are furnished herewith.

Sl. No	Details	Quantity	Unit	Percentage
1	Quantity of lignite consumption	9,54,300.03	Tonnes	
2	Average Ash content	5.90	%	
3	Total Calculated Ash	56,286	Tonnes	
	a) Dry fly ash	37,164	Tonnes	
	b) Bottom ash	19,121	Tonnes	
4	Fly ash kept in Silo(start of the month)	-	Tonnes	
5	Fly Ash available in RCC Silos incl.stock	37,164	Tonnes	
	a) Fly ash issued to cement companies			
	Regular	-	Tonnes	
	E.auction	9,850	Tonnes	26.50%
	b) Fly ash issued to brick manufacturers			
	Regular	6,199	Tonnes	16.68%
	E.auction	21,115	Tonnes	56.82%
	c) Fly ash issued to others	-	Tonnes	
6	Total Fly ash issued (Cement,Brick& others)	37,164	Tonnes	
7	Fly ash kept in Silo(End of the month)	-	Tonnes	
8	Bottom ash sent to Mines II	19,121	Tonnes	100%
9	Total utilization of Ash (6+8)	56,286	Tonnes	100.00%

The details of the above may be noted for submission of details to various agencies.

General Manager / TPS-II

SH

TRUE COPY


NLC INDIA LIMITED

(Formerly Neyveli Lignite Corporation Limited)

"Navratna" - A Govt Of India Enterprise

OFFICE OF THE CHIEF GENERAL MANAGER

Thermal Power Station-II Expansion

Neyveli - 607 807

Cuddalore district, Tamilnadu

TeleFax : 04142-257715 / 257716

Email: gm.tps2expn@nlcindia.in

एनएलसी इंडिया लिमिटेड

(पूर्व में नेयवेली लिग्नाइट कॉर्पोरेशन लिमिटेड)

भारत सरकार का "नवरात्र" उद्यम

मुख्य महाप्रबंधक का कार्यालय

ताप विद्युत गृह - II विन्नार

नेयवेली - 607 807

कट्टनूर जिला, तमिलनाडु

टेली फैक्स: 04142-257715 / 257716

ई-मेल: gm.tps2expn@nlcindia.in


 ISO 9001:2015
 ISO 14001:2015
 ISO 50001:2015
 IN 13 45001:2015
 Certified by IQS

NABCB
 QM 006
 EM 005
 ENM 001
 OHSMS 007

Lr No: NLCIL - TPS2E /PLG / 5529 /016 /360 /2021-22
Date: 09-04-2022
To

The Nodal Officer (Flyash),

NLC India Limited, Neyveli-607807.

Sub: TPS-II Expn. - Monthly Report on Fly Ash Generation & Disposal - Reg.

With reference to the above, the report on Fly Ash Generation & Disposal for the month of in Mar-2022 respect of Thermal Power Station-II Expansion is enclosed in the Annexure.

 CHIEF GENERAL MANAGER 09/04/22

 Thermal Power Station-II Expansion,
 NLC India Limited, Neyveli.

Enclosure: As above

TRUE COPY

ANNEXURE		
Monthly Report on Fly Ash generation and disposal		
Report for the month : March 2022		
01.	Name and Address of the Thermal Power Station	: Thermal Power Station-II Expansion, NLC INDIA Ltd.,Neyveli
02.	Quantity of lignite used during the month (with variety and ash content)	: 67,968.42 Tons (Lignite)
		: 6.80 % (Ash)
03.	Ash generated during the month	
3.1	Fly Ash	: 3,833.94 Tons
3.2	Bottom Ash	: 787.91 Tons
04.	Disposal of Fly Ash	
4.1	To Cement factories (e-Auction)	: 0.00 Tons
4.2	To Brick kilns (Regular)	: 0.00 Tons
4.3	To Brick kilns (e-Auction)	: 3,833.94 Tons
4.4	To other Activities (Sent to Mines for Backfilling)	: 0.00 Tons (NLC use)
4.5	Sent to Ash pond (Wet Ash)	: 0.00 Tons
	Total	: 3,833.94 Tons
05.	Bottom Ash	
5.1	Disposed to Ash Pond	: 0.00 Tons
5.1	Reused as bed material in CFBC Boiler	: 23.91 Tons
5.1	Disposal of Bottom Ash to Mine-II for Backfilling	: 764.00 Tons
	Total	: 787.91 Tons
06.	Debris / Contaminated Ash(Bed Ash)	: 0.00 Tons
07.	Any other information	: ---

fi
25/3/22

en

TRUE COPY

575

OFFICE OF THE CHIEF GENERAL MANAGER⁵³
NLC INDIA LIMITED: NEYVELI

Lr. No. CGM/NNTPS/ENV/2022-23/2

Date: 07.04.2022

To

The Nodal Officer (Fly Ash),
Addl. Dy. General Manager/Civil,
Thermal Power Station-I Expansion,
NLC India Limited., Neyveli.

Sir,

Sub: NNTPS (2 x 500 MW) - Ash Utilization details for the month of March
2022 - Reg.

The details of ash generation and utilization of Neyveli New Thermal Power
Station (2x500 MW) are furnished in the format annexed for the month of March
2022 for further process.

Pleeray
07/04/22
GENERAL MANAGER/O&M
NNTPS

TRUE COPY

 Monthly Report on Fly Ash Generation and Disposal Neyveli New Thermal Power Station				
Sr. No.	Report for the Month of March 2022			
1	Name of Address of the Thermal Power Station	Neyveli New Thermal Power Station NLC INDIA Ltd., Neyveli-607807, Cuddalore District, Tamilnadu.		
Accumulated Quantity of Ash at the Start of the Month (in Tonnes)				
2	a) Fly Ash			
	i) Kept in the Ash Dyke	Nil		
	ii) Kept in Silos	Nil		
	b) Bottom Ash	Nil		
3	Quantity of Lignite used during the month (with Variety and Ash content)	Lignite (Tonnes)	600,162.03	
		Ash Content (%)	6.68	
Disposal of Fly Ash (in Tonnes)				
4	i) Fly Ash to Cement Factories			
	a) Normal	0		
	b) E Auction	31351.66		
	Sub Total		31351.66	
	ii) Fly Ash to Brick Kilns			
	a) Normal	3381.08		
	b) E Auction	2385.44		
	Sub Total		5766.52	
	iii) NLC Pre-casting Yard			
			0	
	iv) Mines-I			
			0	
	v) Mines IA			
			0	
	vi) Mines II			
			0	
	vii) Others (Drain Phase III Works & Conditioner Ash testing)			
		0		
Dry Fly Ash Total		37118.18		
Disposal of Wet Fly Ash (in Tonnes)				
a) Dyke Rising		0		
b) Conditioned as sent to mines for backfilling and NLCIL Low lying area		0		
Wet Ash Total		0.00		
5	Disposal of Bottom Ash	2987.4		
	Location of Disposal	For Mine Filling		
Total Ash Generated during the Month (in Tonnes)				
6	Fly Ash	37118.18		
	Bottom Ash	2987.4		
	Total Ash Generated		40105.58	
Accumulated Quantity of Ash at the End of the Month (in Tonnes)				
7	a) Fly Ash			
	i) Kept in the Ash Dyke	Nil		
	ii) Kept in Silos	Nil		
	b) Bottom Ash	Nil		
8	Any Other Information			
	Percentage of Ash Utilized	100%		



TRUE COPY





NLC TAMILNADU POWER LIMITED
 (A JVC between NLC India Ltd (Formerly Neyveli Lignite Corporation Ltd)
 & TANGEDCO and a subsidiary of NLC India Ltd)
 OFFICE OF THE CHIEF EXECUTIVE OFFICER
 2*500 MW IV Thermal Power Project
 Harbour Estate, Tuticorin - 620004
 Fax: 0461-2352480, Phone: 0461-2352844, CIN: U40102TN2005GO1058050
 E-mail: ceo.ntpl@nclindia.in, Web : www.ntplpower.com



Lr. No. Ash sales/NTPL/Fly ash report/77

06.04.2022

To:

The Nodal Officer,
 NTPL
 Tuticorin

Sir,

Sub: NTPL- Disposal of Dry fly ash- Monthly report- Mar'22- reg.

The disposal details of dry Fly ash & Bottom ash from NTPL for the month of Mar'2022 are submitted below.

NTPL TUTICORIN		
FLYASH DISPOSAL REPORT FOR THE MONTH OF MAR'22		
S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (Mar'22)	17,917.72
	b) Upto Last month (Feb'22)	8,63,960.31
	c) Cum. Disposal to BMC's on regular basis upto this month	8,81,878.03
2	Disposal to Cement Manufacturing Companies (CMC) & NHAI	
	a) On E-auction/EOI basis, this month (Mar'22)	81,361.70
	b) disposal to CMC's upto last month (Feb'22)	45,19,370.10
	c) Cum. Disposal to CMC's on e-auction basis upto this month	46,00,731.80
3	Fly ash disposed in ash pond for the month of Mar'22	0.00
	Fly ash disposed in ash pond upto month of Feb'22	0.00
	Fly ash disposed in ash pond upto this month	0.00
	Total fly ash disposed in the month of Mar'22	99,279.42
4	Total Dry Fly ash utilisation in this month (Mar'22)	99,279.42
	Total Dry Fly ash utilisation upto last month (Feb'22)	53,83,330.41
	Total Dry Fly ash utilisation	54,82,609.83
5	Percentage of flyash issued to CMC & NHAI for the month of Mar'22	81.95%
6	Percentage of flyash issued to BMC for the month of Mar'22	18.05%
7	Total Percentage	100.00%

Page 1 of 2

TRUE COPY

BOTTOM ASH DISPOSAL REPORT FOR THE MONTH OF MAR'22		
S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (Mar'22)	0.00
	b) Upto Last month (Feb'22)	1,674.22
	c) Cum. Disposal to BMC's on regular basis upto this month [From Apr'18]	1,674.22
2	Disposal to Cement Manufacturing Companies (CMC)	
	a) This month (Mar'22)	8,921.18
	b) disposal to CMC's upto last month (Feb'22)	4,34,559.99
	c) Cum. Disposal to CMC's on regular basis upto this month [From Apr'18]	4,43,481.17
3	Total Bottom ash disposal in this month (Mar'22)	8,921.18
	Total Bottom ash disposal upto last month (Feb'22)	4,36,234.21
	Total Bottom ash disposal [From Apr'18]	4,45,155.39

For NLC Tamilnadu Power Ltd.


DGM/CIVIL/NTPL






TRUE COPY

Office of The Chief General Manager/TPS-I Expansion
NLC India Ltd.
Neyveli

Report Submitted to Director/Power:

Date: 13.05.2022

Sub.: NLCIL & NTPL - Generation and Disposal of Ash - Monthly Report of April - 2022 - Reg.

The details of Generation and Disposal of Fly Ash & Bottom Ash from our Thermal Power Stations for the

FLY ASH GENERATION & DISPOSAL FOR APRIL- 2021							
Details	TPS-I	TPS-II	TPS-II	NNTPS	TOTAL	BTPS	NTPL
	Exp		Exp				
1 Quantity of Lignite Consumption	310571	1072934	159732	574958		105072	-
a Average ash content in percentage	6.69	6.08	6.86	6.41		12.18	-
b Total Ash generated during the month	20788	65250	10958	36868	133863	12795	102831
2 Dry Fly Ash Collected During the Month	18212	45197	8306	34021	105736	10787	94749
a Dry Fly Ash kept in Silo Start of the month	0	0	0	0	0	0	0
b To Ash pond	0	0	0	0	0	0	0
c Total Dry Fly Ash collected in Silo	18212	45197	8306	34021	105736	10787	94749
d Fly Ash Kept in Silo @ the end of Month	0	0	0	0	0	0	0
3 Disposal to Brick Manufacturing Companies (BMCs)							
a On Regular basis	2852	8651	0	6129	17633	0	27978
b On E-auction basis	1099	17975	7899	3535	30508	4124	0
c Disposal on regular basis upto last month	0	0	0	0	0	0	0
d Disposal on regular basis this month	2852	8651	0	6129	17633	0	27978
e Cum. disposal on regular upto this month	2852	8651	0	6129	17633	0	27978
f Disposal on E-auction upto last month	0	0	0	0	0	0	0
g Disposal on E-auction basis this month	1099	17975	7899	3535	30508	4124	0
h Cum. disposal on E-auction upto this month	1099	17975	7899	3535	30508	4124	0
4 Disposal to Cement Manufacturing Companies (CMCs)							
a On Regular basis, this month	0	0	0	0	0	0	0
b On e-auction basis, this month	12224	18570	407	24350	55551	6663	66771
c Disposal on regular basis upto last month	0	0	0	0	0	0	0
d Disposal on regular basis this month	0	0	0	0	0	0	0
e Cum. disposal on regular, upto this month	0	0	0	0	0	0	0
f Disposal on E-auction basis upto last	0	0	0	0	0	0	0
g Disposal on E-auction basis this month	12224	18570	407	24350	55551	6663	66771
h Cum. disposal on E-auction basis upto this	12224	18570	407	24350	55551	6663	66771
5 Disposal to NLC Units							
a Conditioned ash sent to mines for backfilling	2037	0	0	0	2037	0	0
b To Precasting Yard / NLCIL Units	0	0	0	0	0	0	0
c Agriculture use/ others (DRDA& NHA)	0	0	0	6	6	0	0
6 a) NLC Units total	2037	0	0	6	2043	0	0
a NLC Units total upto last month	0	0	0	0	0	0	0
b NLC Units total this month	2037	0	0	6	2043	0	0
c NLC Units total upto this month	2037	0	0	6	2043	0	0
7 Dry Fly Ash Utilisation total (Sl.No. 3 to 6)	18212	45196	8306	34021	105735	16928	94749
8 TOTAL (Regular)	2852	8651	0	6129	17633	0	27978
9 TOTAL (E-auction)	13323	36545	8306	27885	86060	10787	66771

13/05/2022

10	Percentage of Flyash to BMC (Regular)	15.66	19.14	0.00	18.02	16.68	0.00	29.53
11	Percentage of Flyash to CMC(Regular)	0	0	0	0	0.0	0.0	0
12	Percentage of Flyash to BMC (E-auction)	6.0	39.8	95.1	10.4	28.9	38.2	0.0
13	Percentage of Flyash to CMC (E-auction)	67.1	41.1	4.9	71.6	52.5	61.8	70.5
14	Percentage of Flyash to NLC units	11.2	0.0	0.0	0.0	2	0.0	0.0
	Percentage of Flyash to NHAI/DRDA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	Total percentage	100	100.0	100	100	100	100	100
16	Percentage of Fly Ash sent to Ash pond	0	0	0	0	0	0	0
17	Bottom Ash Details							
a	Bottom Ash Generated for this month	2576	20053	2651.31	2847	28127	2009	8082
b	Bottom Ash Utilised/NLCI use/Land Back Fill	0	0	129	0.0	129	0	0
18	Bottom Ash sent to Ash Pond	0	0	0	0	0	0	0
a	Bottom Ash sent to Cement & Brick	0	0	0	0	0	0	8082
19	Bottom Ash sent to Mines Filling	2576	20053	2523	2847	27998	2009	0
20	Bottom Ash Utilisation	100%	100%	100%	100%	100%	100%	100%

Note: All the Quantities are in metric tonnes

- 1 Thermal Power Station I Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 15.66 %. Quantity of fly ash sent to the ash pond is Nil.
- 2 Thermal Power Station II: Percentage of dry fly ash issued to the BMCs on regular basis is 19.14 %. Quantity of fly ash sent to the ash pond is Nil.
- 3 Thermal Power Station II Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is Nil. Quantity of fly ash sent to the ash pond is Nil.
- 4 NNTPS: Percentage of dry fly ash issued to the BMCs on regular basis is 18.02 %. Quantity of fly ash sent to the ash pond is Nil.
- 5 The overall percentage of fly ash issued to the BMCs from all the power stations in Neyveli has been 16.68 % . TPS II achieved the highest among all the Thermal Power Stations in Neyveli with 19.14 % followed by NNTPP with 18.02 %.
- 6 The overall bottom ash utilisation in Neyveli Thermal Power Stations is 100%.
- 7 Barsingsar Thermal Power Station: 100% of Fly ash generated has been disposed through e - auction mode to BMCs & CMCs in April 2022. The utilization of both fly ash and bottom ash is 100%
- 8 NLC Tamil Nadu Power Limited: Percentage of dry fly ash issued to the BMCs on regular basis is 29.53 % and is meeting the MoEF norm of 20 %. The utilization of both fly ash and bottom ash is 100%

Submitted to Director/Power for favour of information

K. Arivazhagan
13/05/2022
K. Arivazhagan

DGM/Civil/TPS-I Expn.
Nodal Officer/Fly Ash

Copy submitted to ED/Thermal
Copy submitted to CGM/TPS-I Expansion
Copy submitted to GM/TPS-II
Copy submitted to CGM/TPS-II Expansion
Copy submitted to CGM/NNTPS
Copy submitted to Project Head/Barsingsar Project
Copy submitted to CEO/NTPL

TRUE COPY



NLC INDIA LIMITED
 एनएलसी इंडिया लिमिटेड
 (formerly Neyveli Lignite Corporation Limited)
 पूर्व में नेवेली लिग्नाइट कॉर्पोरेशन लिमिटेड
 ('Navratna' - A Govt. of India Enterprise)
 (भारत सरकार का 'नवरातन' उद्योग)

15/5/22

OFFICE OF THE CHIEF GENERAL MANAGER

THERMAL POWER STATION-I EXPANSION

NEYVELI-607 807

email: gm.tps1expn@nlicindia.in / Website: nlicindia.in

CIN : L93090TN1956GOI003507

मुख्य महा प्रबन्धक का कार्यालय

ताप विद्युतगृह -1 विस्तार

नेवेली- 607 807

☎ : 04142 -257 941 / Fax : 04142 -257944

Lr. No: TPS - I EXP/Env/FA05/51/2022

Date: 05.05.2022

To
 The Member Secretary,
 Tamil Nadu Pollution Control Board,
 76, Mount Salai, Guindy,
 Chennai – 600 032.

Sir,

Sub: NLC India Ltd-TPS-I Expn-Ash Notification - Monthly Report – April 2022- Reg.

With reference to the above, the details of Ash Generation and utilization are furnished in the format annexed for the month of April 2022 for your kind Perusal.

Thanking you,

Yours faithfully,
 For NLC India Ltd

Cf 06/05/2022
 Chief General Manager
 TPS-I Expansion

Encl: Annexure

Copy to DEE/TNPCB/Plot No. A3, SIPCOT Industrial Complex, Kudikadu, Cuddalore-607 005

Copy to Nodal Officer/Flyash, TPS-I Expn

Copy to DGM/CEC –email

TRUE COPY

**NLC INDIA LIMITED**

(Formerly Neyveli Lignite Corporation Limited)
 "Navratna" - A Govt Of India Enterprise
OFFICE OF THE CHIEF GENERAL MANAGER
 Thermal Power Station-II Expansion
 Neyveli - 607 807
 Cuddalore district, Tamilnadu
 TeleFax : 04142-257715 / 257716
 Email: gm.tps2exon@nlcindia.in

एनएलसी इंडिया लिमिटेड

(पूर्व में नेयवेली लिग्नाइट कॉर्पोरेशन लिमिटेड)
 भारत सरकार का "नवराज" उद्यम
 मुख्य महाप्रबंधक का कार्यालय
 थर्मल पावर स्टेशन - II विस्तार
 नेयवेली - 607 807
 कड्डलूर जिला, तमिऴनाडु
 टेली फैक्स: 04142-257715 / 257716
 ई-मेल: gm.tps2exon@nlcindia.in



ISO 9001:2015
 ISO 14001:2015
 ISO 50001:2011
 INO 45001:2018
 Certified by IRIS



NABCB
 QM 008
 EM 005
 EnM 001
 OHSMS 007

Lr No: NLCIL - TPS2E / PLG / 5529 / 002 / 031 / 2022-23Date: 06-05-2022

To

The Nodal Officer (Flyash),
 NLC India Limited, Neyveli-607807.

Sub: TPS-II Expn. - Monthly Report on Fly Ash Generation & Disposal - Reg.

With reference to the above, the report on Fly Ash Generation & Disposal for the month of in **Apr-2022** respect of Thermal Power Station-II Expansion is enclosed in the Annexure.

CHIEF GENERAL MANAGER

Thermal Power Station-II Expansion,

NLC India Limited, Neyveli.

Thermal Power Station-II Expansion,
 Neyveli - 607 807,
 Cuddalore district, Tamilnadu.

Enclosure: As above

HA
 6/5/22
 ADGM/PLG

A
 6/5/22
 GM/ADGM

898

6-5-22-

TRUE COPY

Office of the Chief General Manager
Thermal Power Station - II (7 x 210 MW)
(An ISO 9001,14001,44001 Certified Power Plant)
NLC India Limited, NEYVELI-7.

Lr.No: TPS-II / PLG/ENV /2005/T - 23 /2022 dated 05-05-2022

To,

Dy.General Manager/Civil, (Nodal officer - Ash),
TPS-II Expansion,
NLC India Ltd,
Neyveli-607807.

Sir,

Sub: TPS-II (7 x 210 MW) – Fly ash generation and Utilization – monthly report – reg.

The details of Fly ash generation and Utilization for Apr-22 in respect of TPS-II are furnished herewith.

Sl. No	Details	Quantity	Unit	Percentage
1	Quantity of lignite consumption	10,72,933.91	Tonnes	
2	Average Ash content	6.08	%	
3	Total Calculated Ash	65,250	Tonnes	
	a) Dry fly ash	45,197	Tonnes	
	b) Bottom ash	20,053	Tonnes	
4	Fly ash kept in Silo(start of the month)	-	Tonnes	
5	Fly Ash available in RCC Silos incl.stock	45,197	Tonnes	
	a) Fly ash issued to cement companies			
	Regular	-	Tonnes	
	E.auction	18,570	Tonnes	41.09%
	b) Fly ash issued to brick manufacturers			
	Regular	8,651	Tonnes	19.14%
	E.auction	17,975	Tonnes	39.77%
	c) Fly ash issued to others	-	Tonnes	
6	Total Fly ash issued (Cement,Brick& others)	45,197	Tonnes	
7	Fly ash kept in Silo(End of the month)	-	Tonnes	
8	Bottom ash sent to low lying areas	20,053	Tonnes	100%
9	Total utilization of Ash (6+8)	65,250	Tonnes	100.00%

The details of the above may be noted for submission of details to various agencies.

General Manager / TPS-II

Sh

TRUE COPY

ANNEXURE			
<u>Monthly Report on Fly Ash generation and disposal</u>			
Report for the month : April 2022			
01.	Name and Address of the Thermal Power Station	:	Thermal Power Station-II Expansion, NLC INDIA Ltd., Neyveli
02.	Quantity of lignite used during the month (with variety and ash content)	:	1,59,732.39 Tons (Lignite)
		:	6.86 % (Ash)
03.	Ash generated during the month		
3.1	Fly Ash	:	8,306.33 Tons
3.2	Bottom Ash	:	2,651.31 Tons
04.	Disposal of Fly Ash		
4.1	To Cement factories (e-Auction)	:	406.85 Tons
4.2	To Brick kilns (Regular)	:	0.00 Tons
4.3	To Brick kilns (e-Auction)	:	7,899.48 Tons
4.4	To other Activities (Sent to Mines for Backfilling)	:	0.00 Tons (NLC use)
4.5	Sent to Ash pond (Wet Ash)	:	0.00 Tons
	Total	:	8,306.33 Tons
05.	Bottom Ash		
5.1	Disposed to Ash Pond	:	0.00 Tons
5.1	Reused as bed material in CFBC Boiler	:	128.79 Tons
5.1	Disposal of Bottom Ash to Mine-II for Backfilling	:	2,522.52 Tons
	Total	:	2,651.31 Tons
06.	Debris / Contaminated Ash (Bed Ash)	:	0.00 Tons
07.	Any other information	:	---

SH

TRUE COPY

OFFICE OF THE CHIEF GENERAL MANAGER
NLC INDIA LIMITED: NEYVELI

Lr. No. CGM/NNTPS/ENV/2022-23/8

Date: 07.05.2022

To

The Nodal Officer (Fly Ash),
Addl. Dy. General Manager/Civil,
Thermal Power Station-I Expansion,
NLC India Limited., Neyveli.

Sir,

Sub: NNTPS (2 x 500 MW) - Ash Utilization details for the month of April 2022
- Reg.

The details of ash generation and utilization of Neyveli New Thermal Power Station (2x500 MW) are furnished in the format annexed for the month of April 2022 for further process.

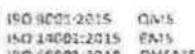
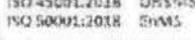
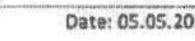
Stemas
09/05/22
GENERAL MANAGER/O&M
NNTPS

TRUE COPY

 Monthly Report on Fly Ash Generation and Disposal Neyveli New Thermal Power Station				
Report for the Month of April 2022				
1	Name of Address of the Thermal Power Station	Neyveli New Thermal Power Station NLC INDIA Ltd., Neyveli-607807, Cuddalore District, Tamilnadu.		
Accumulated Quantity of Ash at the Start of the Month (In Tonnes)				
2	a) Fly Ash			
	i) Kept in the Ash Dyke	Nil		
	ii) Kept in Silos	Nil		
	b) Bottom Ash	Nil		
3	Quantity of Lignite used during the month (with Variety and Ash content)	Lignite (Tonnes)	574,958.00	
		Ash Content (%)	6.41	
Disposal of Fly Ash (in Tonnes)				
4	i) Fly Ash to Cement Factories			
	a) Normal	0		
	b) E Auction	24350.2		
	Sub Total	24350.2		
	ii) Fly Ash to Brick Kilns			
	a) Normal	6129.19		
	b) E Auction	3535.11		
	Sub Total	9664.3		
	iii) NLC Pre-casting Yard			
	iv) Mines-I			
	v) Mines IA			
	vi) Mines II			
	vii) Others (Drain Phase III Works)			
	Dry Fly Ash Total		34020.74	
	Disposal of Wet Fly Ash (in Tonnes)			
a) Dyke Rising				
b) Conditioned as sent to mines for backfilling and NLCIL Low lying area				
Wet Ash Total		0.00		
5	Disposal of Bottom Ash	2847		
	Location of Disposal	For Mine Filling		
Total Ash Generated during the Month (In Tonnes)				
6	Fly Ash	34020.74		
	Bottom Ash	2847		
	Total Ash Generated	36867.74		
Accumulated Quantity of Ash at the End of the Month (in Tonnes)				
7	a) Fly Ash			
	i) Kept in the Ash Dyke	Nil		
	ii) Kept in Silos	Nil		
	b) Bottom Ash	Nil		
8	Any Other Information			
	Percentage of Ash Utilized	100%		

Handwritten signature

TRUE COPY

	NLC INDIA LIMITED "Navratna" - A Govt of India Enterprise / "नवरात्रि" - भारत सरकार का उपकरण OFFICE OF THE PROJECT HEAD / BARSINGSAR AND BITHNOK PROJECT परियोजना प्रमुख का कार्यालय / बरसिंगर एवं बिथनोक परियोजना Barsingsar - 354 402, Bikaner Dist. RAJASTHAN Ph. No. 0151-2847574, Fax No.-0152-2847511 email - phhp@nicindia.in CIN: L850907N1956GDI023007 / web: www.nicindia.in	   
	Lr. No: NLCIL-BTPS / PLG/ENV/ 7101 /001/010/ 2022	Date: 05.05.2022

Sub: BTPS-Monthly Report on Ash Generation and Utilization for April-2022-Reg.

The details of Fly Ash and Bottom Ash utilization (in Tonnes) pertaining to BTPS for the month of April-2022 are enclosed.

01. Dry Fly ash Generation	10786.80
To Ash Pond	0.00
Dry Ash Collected in Silo	10786.80
02. To Brick Manufacturing Companies (BMC)	4124.04
(a) On Regular Basis	0.00
(b) On e'Auction Basis	4124.04
03. To Cement Manufacturing Companies (CMC)	6662.76
(a) On Regular Basis	0.00
(b) On e'Auction Basis	6662.76
04. To NLC	0.00
(a) For Internal Use	0.00
(b) For Mines Back Filling	0.00
(c) Bed Ash sent for Mines Back Filling	0.00
05. Total Dry Fly ash Utilised / Disposed	10786.80
(a) On Regular Basis	0.00
(b) On e'Auction Basis	10786.80
06. Dry Fly Ash Utilization / Disposal Percentage (%)	100.00
(a) % of Fly Ash Disposal to BMC (Regular)	0.00
(b) % of Fly Ash Disposal to BMC (e'Auction)	38.23
(c) % of Fly Ash Disposal to CMC (Regular)	0.00
(d) % of Fly Ash Disposal to CMC (e'Auction)	61.77
(e) % of Fly Ash Disposal to NLC	0.00
07. Bottom Ash Generated	2008.62
(a) Bottom Ash Sent to Mines for Back Filling	2008.62
08. Percentage of Bottom Ash Utilised / Disposed	100.00
09. Percentage of Ash Content in Lignite	12.18
10. Lignite consumption	105071.70
11. Total Ash (Dry Fly Ash & Bottom Ash) Generated	12795.42
12. Total Ash (Dry Fly Ash & Bottom Ash) Utilized / Disposed	12795.42
PERCENTAGE OF ASH GENERATION & DISPOSAL	100


PROJECT HEAD
BARSINGSAR & BITHNOK PROJECT

To
 The Addl. Deputy General Manager/Civil
 Nodal Officer / Fly Ash
 Thermal Power Station-I Expn,
 NLC India Ltd, Neyveli
 Email Id : nodalofficer.flyash@nicindia.in


TRUE COPY



NLC TAMILNADU POWER LIMITED
 (A JVC between NLC India Ltd (Formerly Neyveli Lignite Corporation Ltd)
 & TANGEDCO and a subsidiary of NLC India Ltd)
 OFFICE OF THE CHIEF EXECUTIVE OFFICER
 2*500 MW JV Thermal Power Project
 Harbour Estate, Tuticorin- 628004
 Fax: 0461-2352480, Phone : 0461-2352844, ICN : U40102TN2005G01058050
 E-mail: ceo.ntpl@nclindia.in, Web : www.ntplpower.com

Lr. No. Ash sales/NTPL/Fly ash report/78

03.05.2022

To,

The Nodal Officer,

NTPL

Tuticorin

Sir,

Sub: NTPL- Disposal of Dry fly ash- Monthly report- Apr'22- reg.

The disposal details of dry Fly ash & Bottom ash from NTPL for the month of Apr'2022 are submitted below

NTPL TUTICORIN		
FLYASH DISPOSAL REPORT FOR THE MONTH OF APR'22		
S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (Apr'22)	27,978.30
	b) Upto Last month (Mar'22)	8,81,878.03
	c) Cum. Disposal to BMC's on regular basis upto this month	9,09,856.33
2	Disposal to Cement Manufacturing Companies (CMC) & NHAI	
	a) On E-auction/EOI basis, this month (Apr'22)	66,771.04
	b) disposal to CMC's upto last month (Mar'22)	46,00,731.80
	c) Cum. Disposal to CMC's on e-auction basis upto this month	46,67,502.84
3	Fly ash disposed in ash pond for the month of Apr'22	0.00
	Fly ash disposed in ash pond upto month of Mar'22	0.00
	Fly ash disposed in ash pond upto this month	0.00
	Total fly ash disposed in the month of Apr'22	94,749.34
4	Total Dry Fly ash utilisation in this month (Apr'22)	94,749.34
	Total Dry Fly ash utilisation upto last month (Mar'22)	54,82,609.83
	Total Dry Fly ash utilisation	55,77,359.17
5	Percentage of flyash issued to CMC & NHAI for the month of Apr'22	70.47%
6	Percentage of flyash issued to BMC for the month of Apr'22	29.53%
7	Total Percentage	100.00%

TRUE COPY

BOTTOM ASH DISPOSAL REPORT FOR THE MONTH OF APR'22		
S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month, (Apr'22)	0.00
	b) Upto Last month (Mar'22)	1,674.22
	c) Cum. Disposal to BMC's on regular basis upto this month [From Apr'18]	1,674.22
2	Disposal to Cement Manufacturing Companies (CMC)	
	a) This month (Apr'22)	8,081.62
	b) disposal to CMC's upto last month (Mar'22)	4,43,481.17
	c) Cum. Disposal to CMC's on regular basis upto this month [From Apr'18]	4,51,562.79
3	Total Bottom ash disposal in this month (Apr'22)	8,081.62
	Total Bottom ash disposal upto last month (Mar'22)	4,45,155.39
	Total Bottom ash disposal [From Apr'18]	4,53,237.01

For NLC Tamilnadu Power Ltd,

Chelvan
NCEK

[Signature]
DGM/CIVIL/NTPL

[Signature]

TRUE COPY

Report Submitted to Director/Power:

Date: 14.06.2022

Sub.: NLCIL & NTPL - Generation and Disposal of Ash - Monthly Report of May - 2022 - Reg.

The details of Generation and Disposal of Fly Ash & Bottom Ash from our Thermal Power Stations for the Month of May 2022 is submitted below

FLY ASH GENERATION & DISPOSAL FOR MAY- 2022								
	Details							
		TPS-I Exp	TPS-II	TPS-II Exp	NNTPS	TOTAL	BTPS	NTPL
1	Quantity of Lignite Consumption	307742	960687	228518	708510		50441.11	-
a	Average ash content in percentage	7.42	5.75	7.01	6.33		17.36	-
b	Total Ash generated during the month	22828	55235	16019	44876	138958	8755	126986.78
2	Dry Fly Ash Collected During the Month	20025	34792	14151	40797	109764	6983	120351
a	Dry Fly Ash kept in Silo Start of the month	0	0	0	0	0	0	0
b	To Ash pond	0	0	0	0	0	0	0
c	Total Dry Fly Ash collected in Silo	20025	34792	14151	40797	109764	6983	120351
d	Fly Ash Kept in Silo @ the end of Month	0	0	0	0	0	0	0
3	Disposal to Brick Manufacturing Companies (BMCs)							
a	On Regular basis	3263	6965	8554	6113	24895	0	44588
b	On E-auction basis	1066	13858	5108	3991	24023	3773	0
c	Disposal on regular basis upto last month	2852	8651	0	6129	17632	0	27978
d	Disposal on regular basis this month	3263	6965	8554	6113	24895	0	44588
e	Cum. disposal on regular upto this month	6115	15616	8554	12242	42527	0	72566
f	Disposal on E-auction upto last month	1099	17975	7899	3535	30508	4124	0
g	Disposal on E-auction basis this month	1066	13858	5108	3991	24023	3773	0
h	Cum. disposal on E-auction upto this month	2165	31833	13007	7526	54531	7897	0
4	Disposal to Cement Manufacturing Companies (CMCs)							
a	On Regular basis, this month	0	0	0	0	0	0	0
b	On e-auction basis, this month	10680	13969	488	30693	55830	3210	75763
c	Disposal on regular basis upto last month	0	0	0	0	0	0	0
d	Disposal on regular basis this month	0	0	0	0	0	0	0
e	Cum. disposal on regular, upto this month	0	0	0	0	0	0	0
f	Disposal on E-auction basis upto last month	12224	18570	407	24350	55551	6663	66771
g	Disposal on E-auction basis this month	10680	13969	488	30693	55830	3210	75763
h	Cum. disposal on E-auction basis upto this month	22904	32539	895	55043	111381	9873	142534
5	Disposal to NLC Units							
a	Conditioned ash sent to mines for backfilling	4981	0	0	0	4981	0	0
b	To Precasting Yard / NLCIL Units	34	0	0	0	34	0	0
c	Agriculture use/ others (DRDA& NHAI)/Dyke	0	0	0	0	0	0	0
6	a) NLC Units total	5016	0	0	0	5016	0	0
a	NLC Units total upto last month	2037	0	0	6	2043	0	0
b	NLC Units total this month	5016	0	0	0	5016	0	0
c	NLC Units total upto this month	7053	0	0	0	7053	0	0

FLY ASH GENERATION & DISPOSAL FOR MAY- 2022							
Details	TPS-I	TPS-II	TPS-II	NNTPS	TOTAL	BTPS	NTPL
	Exp		Exp				
7 Dry Fly Ash Utilisation total (Sl.No. 3 to 6)	20025	34792	14151	40797	109764	16928	120351
8 TOTAL (Regular)	3263	6965	8554	6113	24895	0	44588
9 TOTAL (E-auction)	11746	27827	5597	34684	79854	6983	75763
10 Percentage of Flyash to BMC (Regular)	16.30	20.02	60.45	14.98	22.68	0.00	37.05
11 Percentage of Flyash to CMC(Regular)	0	0	0	0	0.0	0.0	0
12 Percentage of Flyash to BMC (E-auction)	5.3	39.8	36.1	9.8	21.9	54.0	0.0
13 Percentage of Flyash to CMC (E-auction)	53.3	40.2	3.4	75.2	50.9	46.0	63.0
14 Percentage of Flyash to NLC units	25.0	0.0	0.0	0.0	5	0.0	0.0
Percentage of Flyash to NHAI/DRDA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15 Total percentage	100.00	100.00	100.00	100.00	100.00	100.00	100.00
16 Percentage of Fly Ash sent to Ash pond	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Bottom Ash Details						
a Bottom Ash Generated for this month	2803	20443	1868.4	4079.4	29193	1772	6636
b Bottom Ash Utilised/NLCI use/Land Back Fill	0	0	227	0.0	227	0	0
18 Bottom Ash sent to Ash Pond	0	0	0	0	0	0	0
a Bottom Ash sent to Cement & Brick	0	0	0	0	0	0	6636
19 Bottom Ash sent to Mines Filling	2803	20443	1641	4079	28966	1772	0
20 Bottom Ash Utilisation	100%	100%	100%	100%	100%	100%	100%

Note: All the Quantities are in metric tonnes

- 1 Thermal Power Station I Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 16.30 %. Quantity of fly ash sent to the ash pond is Nil.
- 2 Thermal Power Station II: Percentage of dry fly ash issued to the BMCs on regular basis is 20.02 %. Quantity of fly ash sent to the ash pond is Nil.
- 3 Thermal Power Station II Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 60.45% Quantity of fly ash sent to the ash pond is Nil.
- 4 NNTPS: Percentage of dry fly ash issued to the BMCs on regular basis is 14.98 %. Quantity of fly ash sent to the ash pond is Nil.
- 5 The overall percentage of fly ash issued to the BMCs from all the power stations in Neyveli has been 22.66 %. TPS-II Expn. achieved the highest among all the Thermal Power Stations in Neyveli with 60.45 % followed by TPS II with 20.02 %.
- 6 The overall bottom ash utilisation in Neyveli Thermal Power Stations is 100%.
- 7 Barsingsar Thermal Power Station: 100 % of Fly ash generated has been disposed through e-auction mode to BMCs & CMCs in March 2022. The utilization of both fly ash and bottom ash is 100%
- 8 NLC Tamil Nadu Power Limited: Percentage of dry fly ash issued to the BMCs on regular basis is 37.05 %. The utilization of both fly ash and bottom ash is 100%.

Submitted to Director/Power for favour of information

Copy submitted to CGM/Thermal
 Copy submitted to CGM/TPS-I Expansion
 Copy submitted to GM/TPS-II
 Copy submitted to CGM/TPS-II Expansion
 Copy submitted to CGM/NNTPS
 Copy submitted to Project Head/Barsingsar Project
 Copy submitted to CEO/NTPL

E. Arivazhagan
 14/06/2022
 K. Arivazhagan
 DGM/Civil/TPS-I Expn.
 Nodal Officer/Fly Ash

TRUE COPY



NLC INDIA LIMITED
 एनएलसी इंडिया लिमिटेड
 (formerly Neyveli Lignite Corporation Limited)
 (पूर्व में नेयवेली लिग्नाइट कॉर्पोरेशन लिमिटेड)
 ('Navratna' - A Govt. of India Enterprise)
 (भारत सरकार का 'नवरातन' उद्यम)



OFFICE OF THE GENERAL MANAGER
 THERMAL POWER STATION-I EXPANSION
 NEYVELI-607 807

email: gm.tps1expn@nclindia.in / Website: nclindia.in

CIN : L93090TN1956GOI003507

मुख्य महा प्रबन्धक का कार्यालय
 ताप विद्युतगृह -1 विस्तार
 नेयवेली- 607 807

☎ : 04142 -257 941 / Fax : 04142 -257944

Lr. No: TPS - I EXP/Env/FA05/55/2022

Date: 08.06.2022

To
 The Member Secretary,
 Tamil Nadu Pollution Control Board,
 76, Mount Salai, Guindy,
 Chennai – 600 032.

Sir,

Sub: NLC India Ltd-TPS-I Expn-Ash Notification - Monthly Report – May 2022- Reg.

With reference to the above, the details of Ash Generation and utilization are furnished in the format annexed for the month of May 2022 for your kind Perusal.

Thanking you,

Yours faithfully,
 For NLC India Ltd

[Handwritten Signature]
 08/06/2022
 General Manager
 TPS-I Expansion

GENERAL MANAGER / UNIT HEAD
 TPS-I EXPN
 NLC India Ltd, Neyveli - 607 807

Encl: Annexure

Copy to DEE/TNPCB/Plot No. A3, SIPCOT Industrial Complex, Kudikadu, Cuddalore-607 005

TRUE COPY

Monthly Report on Fly Ash Generation and Disposal by			
Thermal Power Station - I Expansion			
Report of the month		May-22	
1	Name and Address of the Thermal Power Station :	Thermal Power Station - I Expn, NLC INDIA Ltd, Neyveli	
Accumulated quantity of ash at the start of the month			
a) Fly Ash			
2	i) Kept in the ash dyke	Nil	
	ii) Kept in Silos	0.00	T
	b) Bottom Ash	Nil	
3	Quantity of Lignite used during the month (With Variety and Ash content) :	307741.81	Tonnes
		7.42	%
Disposal of Fly Ash			
i) Fly ash to Cement Factories			
	a) Normal	0.00	T
	b) E Auction	10680.11	T
	Total	10680.11	
ii) Fly ash To Brick Kilns			
	a) Normal	3263.39	T
	b) E Auction	1065.61	T
	Total	4329.000	
4	iii) NLC Pre - Casting Yard	0.00	
	iv) Mine-I	34.46	T
	v) Mines IA	0.00	T
	vi) Mines II	0.00	T
	vii) Others-NNIP	0.00	T
	Dry Fly Ash Total	15043.57	T
Disposal of wet fly Ash			
	a) Dyke rising	0.00	T
	b) Conditioned ash sent to mines for backfilling and NLCIL low laying area	4981.340	T
	wet ash Total	4981.340	
5	Disposal of Bottom Ash :	2802.60	T
	Specify the location of Disposal :	Back filling purpose	
Total Ash Generated during the month			
6	Fly Ash(Dry 15043.57 T+ Wet 4981.34 T)	20024.910	T
	Bottom Ash	2802.60	T
	Total Ash generated	22827.510	T
Accumulated quantity of ash at the end of the month			
a) Fly Ash			
7	i) Kept in the ash dyke	Nil	T
	ii) Kept in Silos	0.00	T
8	Any other information :		
	Percentage of Ash utilised	100.00%	



TRUE COPY

Office of the Chief General Manager
Thermal Power Station - II (7 x 210 MW)
(An ISO 9001,14001,44001 Certified Power Plant)
NLC India Limited, NEYVELI-7.

Lr.No: TPS-II / PLG/ENV /2005/ T -J,1 /2022 dated 03-06-2022

To,
Dy.General Manager/Civil, (Nodal officer - Ash),
TPS-II Expansion,
NLC India Ltd,
Neyveli-607807.

Sir,
Sub: TPS-II (7 x 210 MW) – Fly ash generation and Utilization – monthly report – reg.

The details of Fly ash generation and Utilization for May-22 in respect of TPS-II are furnished herewith.

Sl. No	Details	Quantity	Unit	Percentage
1	Quantity of lignite consumption	9,60,687.05	Tonnes	
2	Average Ash content	5.75	%	
3	Total Calculated Ash	55,235	Tonnes	
	a) Dry fly ash	34,792	Tonnes	
	b) Bottom ash	20,443	Tonnes	
4	Fly ash kept in Silo(start of the month)	-	Tonnes	
5	Fly Ash available in RCC Silos incl.stock	34,792	Tonnes	
	a) Fly ash issued to cement companies			
	Regular	-	Tonnes	
	E.auction	13,969	Tonnes	40.15%
	b) Fly ash issued to brick manufacturers			
	Regular	6,965	Tonnes	20.02%
	E.auction	13,858	Tonnes	39.83%
	c) Fly ash issued to others	-	Tonnes	
6	Total Fly ash issued (Cement,Brick& others)	34,792	Tonnes	
7	Fly ash kept in Silo(End of the month)	-	Tonnes	
8	Bottom ash sent to Mines II	20,443	Tonnes	100%
9	Total utilization of Ash (6+8)	55,235	Tonnes	100.00%

The details of the above may be noted for submission of details to various agencies.

[Signature]
General Manager / TPS II

[Signature]
TRUE COPY

**NLC INDIA LIMITED**

(Formerly Neyveli Lignite Corporation Limited)
 "Navratna" - A Govt Of India Enterprise
 OFFICE OF THE CHIEF GENERAL MANAGER
 Thermal Power Station-II Expansion
 Neyveli - 607 807
 Cuddalore district, Tamilnadu
 TeleFax : 04142-257715 / 257716
 Email: gm.tps2expn@nlicindia.in

एनएलसी इंडिया लिमिटेड

(पूर्व में नेयवेली लिग्नाइट कॉर्पोरेशन लिमिटेड)
 भारत सरकार का "नवरात्र" उद्यम
 मुख्य महाप्रबंधक का कार्यालय
 ताप विद्युत गृह - II विम्नार
 नेयवेली - 607 807
 कडुनूर जिला, तमिलनाडु
 टेली फैक्स: 04142-257715 / 257716
 ई-मेल: gm.tps2expn@nlicindia.in



ISO 9001:2015
 ISO 14001:2015
 ISO 39001:2011
 ISO 45001:2018
 Certified by IRIS



QM 006
 EM 005
 EnM 001
 OHSMS 007

Lr No: NLCIL - TPS2E /PLG / 5529 /003 /054/2022-23

Date: 04-06-2022

To

The Nodal Officer (Flyash),
 NLC India Limited, Neyveli-607807.

Sub: TPS-II Expn. - Monthly Report on Fly Ash Generation & Disposal for May-22 - Reg.

With reference to the above, the report on Fly Ash Generation & Disposal for the month of in May-2022 respect of Thermal Power Station-II Expansion is enclosed in the Annexure.

[Signature]
 4/6/2022

CHIEF GENERAL MANAGER

Thermal Power Station-II Expansion,
 NLC India Limited, Neyveli.
 CHIEF GENERAL MANAGER
 Thermal Power Station-II Expn.,
 NLC India Limited, Neyveli-607807.

Enclosure: As above

ADGM
 4/6/22
 ADGM / Plg

975
 4.6.22

TRUE COPY

ANNEXURE		
Monthly Report on Fly Ash generation and disposal		
Report for the month : May 2022		
01.	Name and Address of the Thermal Power Station	: Thermal Power Station-II Expansion, NLC INDIA Ltd., Neyveli
02.	Quantity of lignite used during the month (with variety and ash content)	: 2,28,517.79 ✓ Tons (Lignite)
		: 7.01 ✓% (Ash)
03.	Ash generated during the month	
3.1	Fly Ash	: 14,150.67 ✓ Tons
3.2	Bottom Ash	: 1,868.43 Tons
04.	Disposal of Fly Ash	
4.1	To Cement factories (e-Auction)	: 488.19 ✓ Tons
4.2	To Brick kilns (Regular)	: 8,554.14 ✓ Tons
4.3	To Brick kilns (e-Auction)	: 5,108.34 ✓ Tons
4.4	To other Activities (Sent to Mines for Backfilling)	: 0.00 Tons (NLC use)
4.5	Sent to Ash pond (Wet Ash)	: 0.00 Tons
	Total	: 14,150.67 Tons
05.	Bottom Ash	
5.1	Disposed to Ash Pond	: 0.00 Tons
5.1	Reused as bed material in CFBC Boiler	: 227.27 ✓ Tons
5.1	Disposal of Bottom Ash to Mine-II for Backfilling	: 1,641.16 ✓ Tons
	Total	: 1,868.43 ✓ Tons
06.	Debris / Contaminated Ash(Bed Ash)	: 0.00 Tons
07.	Any other information	: ---

AL

TRUE COPY

OFFICE OF THE CHIEF GENERAL MANAGER
NLC INDIA LIMITED: NEYVELI

Lr. No. CGM/NNTPS/ENV/2022-23/12

Date: 09.06.2022

To

The Nodal Officer (Fly Ash),
Addl. Dy. General Manager/Civil,
Thermal Power Station-I Expansion,
NLC India Limited., Neyveli.

Sir,

Sub: NNTPS (2 x 500 MW) - Ash Utilization details for the month of May 2022
- Reg.

The details of ash generation and utilization of Neyveli New Thermal Power Station (2x500 MW) are furnished in the format annexed for the month of May 2022 for further process.

*Steering
2022-23*
GENERAL MANAGER/O&M
NNTPS

TRUE COPY

 Monthly Report on Fly Ash Generation and Disposal Neyveli New Thermal Power Station			
Sr. No.	Report for the Month of May 2022		
1	Name of Adress of the Thermal Power Station	Neyveli New Thermal Power Station NLC INDIA Ltd., Neyveli-607807, Cuddalore District, Tamilnadu.	
Accumulated Quantity of Ash at the Start of the Month (in Tonnes)			
a) Fly Ash			
2	i) Kept in the Ash Dyke	Nil	
	ii) Kept in Silos	Nil	
	b) Bottom Ash	Nil	
3	Quantity of Lignite used during the month (with Variety and Ash content)	Lignite (Tonnes)	708,510.41 ✓
		Ash Content (%)	6.33 ✓
Disposal of Fly Ash (in Tonnes)			
i) Fly Ash to Cement Factories			
a) Normal			
b) E Auction			
Sub Total			
ii) Fly Ash to Brick Kilns			
a) Normal			
b) E Auction			
Sub Total			
4	iii) NLC Pre-casting Yard		
	iv) Mines-I		
	v) Mines IA		
	vi) Mines II		
	vii) Others		
	Dry Fly Ash Total		
	40796.88 ✓		
Disposal of Wet Fly Ash (in Tonnes)			
a) Dyke Rising			
b) Conditioned as sent to mines for backfilling and NLCIL Low lying area			
Wet Ash Total			
0.00			
5	Disposal of Bottom Ash		4079.4 ✓
	Location of Disposal		For Mine Filling
Total Ash Generated during the Month (in Tonnes)			
6	Fly Ash		40796.88
	Bottom Ash		4079.4
	Total Ash Generated		44876.28 ✓
Accumulated Quantity of Ash at the End of the Month (in Tonnes)			
a) Fly Ash			
7	i) Kept in the Ash Dyke	Nil	
	ii) Kept in Silos	Nil	
	b) Bottom Ash	Nil	
8	Any Other Information		
	Percentage of Ash Utilized	100%	

SH

TRUE COPY

	NLC INDIA LIMITED "Navratna" - A Govt of India Enterprise / "नवरात्ना" - भारत सरकार का उपक्रम OFFICE OF THE PROJECT HEAD / BARSINGSAR AND BITHNOK PROJECT परियोजना प्रमुख का कार्यालय / बरसिंगसर एवं बिठनोक परियोजना Barsingsar - 334 402, Bikaner Dist. RAJASTHAN Ph. No. 0151-2847574, Fax No.-0151-2847511 email - phbp@nclindia.in CIN: L93090TN1956G01000507 / web: www.nclindia.in	  
		ISO 9001:2015 QMS ISO 14001:2015 EMS ISO 45001:2018 OHSMS ISO 50001:2018 EnMS

Lr. No: NLCIL-BTPS / PLG/ENV/ 7101 /002/015/ 2022

Date: 07.06.2022

Sub: BTPS-Monthly Report on Ash Generation and Utilization for May-2022-Reg.

The details of Fly Ash and Bottom Ash utilization (In Tonnes) pertaining to BTPS for the month of May-2022 are enclosed.

01. Dry Fly ash Generation	6983.36
To Ash Pond	0.00
Dry Ash Collected in Silo	6983.36
02. To Brick Manufacturing Companies (BMC)	3773.39
(a) On Regular Basis	0.00
(b) On e'Auction Basis	3773.39 ✓
03. To Cement Manufacturing Companies (CMC)	3209.97
(a) On Regular Basis	0.00
(b) On e'Auction Basis	3209.97 ✓
04. To NLC	0.00
(a) For Internal Use	0.00
(b) For Mines Back Filling	0.00
(c) Bed Ash sent for Mines Back Filling	0.00
05. Total Dry Fly ash Utilised / Disposed	6983.36 ✓
(a) On Regular Basis	0.00
(b) On e'Auction Basis	6983.36
06. Dry Fly Ash Utilization / Disposal Percentage (%)	100.00
(a) % of Fly Ash Disposal to BMC (Regular)	0.00
(b) % of Fly Ash Disposal to BMC (e'Auction)	54.03
(c) % of Fly Ash Disposal to CMC (Regular)	0.00
(d) % of Fly Ash Disposal to CMC (e'Auction)	45.97
(e) % of Fly Ash Disposal to NLC	0.00
07. Bottom Ash Generated	1771.55
(a) Bottom Ash Sent to Mines for Back Filling	1771.55 ✓
08. Percentage of Bottom Ash Utilised / Disposed	100.00
09. Percentage of Ash Content in Lignite	17.36 ✓
10. Lignite consumption	50441.11 ✓
11. Total Ash (Dry Fly Ash & Bottom Ash) Generated	8754.91 ✓
12. Total Ash (Dry Fly Ash & Bottom Ash) Utilized / Disposed	8754.91
PERCENTAGE OF ASH GENERATION & DISPOSAL	100

PROJECT HEAD
BARSINGSAR & BITHNOK PROJECT

To
The Deputy General Manager/Civil
Nodal Officer / Fly Ash
Thermal Power Station -I Expn,
NLC India Ltd, Neyveli
Email Id : nodalofficer.flyash@nclindia.in

TRUE COPY



NLC TAMILNADU POWER LIMITED
 (A JVC between NLC India Ltd (Formerly Neyveli Lignite Corporation Ltd)
 & TANGEDCO and a subsidiary of NLC India Ltd)
OFFICE OF THE CHIEF EXECUTIVE OFFICER
 2*500 MW IV Thermal Power Project
 Harbour Estate, Tuticorin - 628004
 Fax: 0461-2352480, Phone: 0461-2352844, /CIN: U40102TN2005GD1058050
 E-mail: ceo.ntpl@nclindia.in, Web : www.ntplpower.com

Lr. No.Ash sales/NTPL/Fly ash report/79

01.06.2022

To,
 The Nodal Officer,
 NTPL
 Tuticorin

Sir,

Sub: NTPL- Disposal of Dry fly ash- Monthly report- May'22- reg.

The disposal details of dry Fly ash & Bottom ash from NTPL for the month of May'2022 are submitted below:

NTPL TUTICORIN		
FLYASH DISPOSAL REPORT FOR THE MONTH OF MAY'22		
S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (May'22)	44,587.98 ✓
	b) Upto Last month (Apr'22)	9,09,856.83
	c) Cum. Disposal to BMC's on regular basis upto this month	9,54,444.81
2	Disposal to Cement Manufacturing Companies (CMC) & NHAI	
	a) On E-auction/EOI basis, this month (May'22)	75,763.02 ✓
	b) disposal to CMC's upto last month (Apr'22)	46,67,502.84
	c) Cum. Disposal to CMC's on e-auction basis upto this month	47,43,265.86
3	Fly ash disposed in ash pond for the month of May'22	0.00
	Fly ash disposed in ash pond upto month of Apr'22	0.00
	Fly ash disposed in ash pond upto this month	0.00
4	Total Dry Fly ash utilisation in this month (May'22)	1,20,351.00 ✓
	Total Dry Fly ash utilisation upto last month (Apr'22)	55,77,359.67
	Total Dry Fly ash utilisation	56,97,710.67
5	Percentage of flyash issued to CMC & NHAI for the month of May'22	62.95%
6	Percentage of flyash issued to BMC for the month of May'22	37.05%
7	Total Percentage	100.00%

Page 1 of 2

TRUE COPY

BOTTOM ASH DISPOSAL REPORT FOR THE MONTH OF MAY'22		
S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (May'22)	0.00
	b) Upto Last month (Apr'22)	1,674.22
	c) Cum. Disposal to BMC's on regular basis upto this month [From Apr'18]	1,674.22
2	Disposal to Cement Manufacturing Companies (CMC)	
	a) This month (May'22)	6,635.78
	b) disposal to CMC's upto last month (Apr'22)	4,51,562.79
	c) Cum. Disposal to CMC's on regular basis upto this month [From Apr'18]	4,58,198.57
3	Total Bottom ash disposal in this month (May'22)	6,635.78 ✓
	Total Bottom ash disposal upto last month (Apr'22)	4,53,237.01
	Total Bottom ash disposal [From Apr'18]	4,59,872.79

For NLC Tamilnadu Power Ltd.

Qalyan
02/05/22

[Signature]
DGM/CIVIL/NTPI

[Signature]

Page 2 of 2
TRUE COPY

Report Submitted to Director/Power:

Date: 13.07.2022

Sub.: NLCIL & NTPL - Generation and Disposal of Ash - Monthly Report of June - 2022 - Reg.

The details of Generation and Disposal of Fly Ash & Bottom Ash from our Thermal Power Stations for the Month of June 2022 is submitted below

FLY ASH GENERATION & DISPOSAL FOR JUNE - 2022								
	Details	TPS-I	TPS-II	TPS-II	NNTPS	TOTAL	BTPS	NTPL
		Exp		Exp				
1	Quantity of Lignite Consumption	304900	922315	217933	583082		178914	
a	Average ash content in percentage	5.92	7.68	7.03	6.79		13.26	
b	Total Ash generated during the month	18048	70790	15321	39570	143728	17094	136001.14
2	Dry Fly Ash Collected During the Month	15658	50093	11416	36411	113578	13780	125754.46
a	Dry Fly Ash kept in Silo Start of the month	0	0	0	0	0	0	0
b	To Ash pond	0	0	0	0	0	0	0
c	Total Dry Fly Ash collected in Silo	15658	50093	11416	36411	113578	13780	125754
d	Fly Ash Kept in Silo @ the end of Month	0	0	0	0	0	0	0
3	Disposal to Brick Manufacturing Companies (BMCs)							
a	On Regular basis	2719	5414	3134	2259	13526	0	48628
b	On E-auction basis	530	15667	7216	2114	25528	3832	0
c	Disposal on regular basis upto last month	6115	15616	8554	12242	42527	0	72566
d	Disposal on regular basis this month	2719	5414	3134	2259	13526	0	48628
e	Cum. disposal on regular upto this month	8834	21030	11688	14501	56053	0	121194
f	Disposal on E-auction upto last month	2165	31833	13007	7526	54531	7897	0
g	Disposal on E-auction basis this month	530	15667	7216	2114	25528	3832	0
h	Cum. disposal on E-auction upto this month	2695	47500	20223	9641	80059	11729	0
4	Disposal to Cement Manufacturing Companies (CMCs)							
a	On Regular basis, this month	0	0	0	0	0	0	0
b	On e-auction basis, this month	11454	17935	1067	27103	57559	5690	77127
c	Disposal on regular basis upto last month	0	0	0	0	0	0	0
d	Disposal on regular basis this month	0	0	0	0	0	0	0
e	Cum. disposal on regular, upto this month	0	0	0	0	0	0	0
f	Disposal on E-auction basis upto last month	22904	32539	895	55043	111381	9873	142534
g	Disposal on E-auction basis this month	11454	17935	1067	27103	57559	5690	77127
h	Cum. disposal on E-auction basis upto this month	34359	50474	1962	82146	168940	15563	219661
5	Disposal to NLC Units							
a	Conditioned ash sent to mines for backfilling	954	0	0	4935	5889	0	0
b	To Precasting Yard / NLCIL Units	0	0	0	0	0	4258	0
c	Agriculture use/ others (DRDA& NHAI)/Dyke	0	11077	0	0	11077	0	0
6	a) NLC Units total	954	11077	0	4935	16966	4258	0
a	NLC Units total upto last month	7053	0	0	0	7053	0	0
b	NLC Units total this month	954	11077	0	4935	16966	4258	0
c	NLC Units total upto this month	8007	11077	0	4935	24019	4258	0

FLY ASH GENERATION & DISPOSAL FOR JUNE- 2022								
	Details	TPS-I	TPS-II	TPS-II	NNTPS	TOTAL	BTPS	NTPL
		Exp		Exp				
7	Dry Fly Ash Utilisation total (Sl.No. 3 to 6)	15658	50093	11416	36411	113578	16928	125754
8	TOTAL (Regular)	2719	5414	3134	2259	13526	0	48628
9	TOTAL (E-auction)	11985	33602	8282	29217	83086	9522	77127
10	Percentage of Flyash to BMC (Regular)	17.37	10.81	27.45	6.20	11.91	0.00	38.67
11	Percentage of Flyash to CMC(Regular)	0	0	0	0	0.0	0.0	0
12	Percentage of Flyash to BMC (E-auction)	3.4	31.3	63.2	5.8	22.5	27.8	0.0
13	Percentage of Flyash to CMC (E-auction)	73.2	35.8	9.3	74.4	50.7	41.3	61.3
14	Percentage of Flyash to NLC units	6.1	22.1	0.0	13.6	15	30.9	0.0
	Percentage of Flyash to NHAI/DRDA	0.0	22.1	0.0	0.0	0.1	0.0	0.0
15	Total percentage	100.00	100.00	100.00	100.00	100.00	100.00	100.00
16	Percentage of Fly Ash sent to Ash pond	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Bottom Ash Details							
a	Bottom Ash Generated for this month	2390	20697	3904.5	3159	30150	3315	10247
b	Bottom Ash Utilised/NLCI use/Land Back Fill	0	0	419	0.0	419	0	0
18	Bottom Ash sent to Ash Pond	0	0	0	0	0	0	0
a	Bottom Ash sent to Cement & Brick	0	0	0	0	0	0	10247
19	Bottom Ash sent to Mines Filling	2390	20697	3485	3159	29731	3315	0
20	Bottom Ash Utilisation	100%	100%	100%	100%	100%	100%	100%

Note: All the Quantities are in metric tonnes

- 1 Thermal Power Station I Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 17.37 %. Quantity of fly ash sent to the ash pond is Nil.
- 2 Thermal Power Station II: Percentage of dry fly ash issued to the BMCs on regular basis is 10.81 %. Quantity of fly ash sent to the ash pond is Nil.
- 3 Thermal Power Station II Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 27.45 % Quantity of fly ash sent to the ash pond is Nil.
- 4 NNTPS: Percentage of dry fly ash issued to the BMCs on regular basis is 6.20 %. Quantity of fly ash sent to the ash pond is Nil.
- 5 The overall percentage of fly ash issued to the BMCs from all the power stations in Neyveli has been 11.91%. TPS-II Expn. achieved the highest among all the Thermal Power Stations in Neyveli with 27.45 % followed by TPS I Expn. with 17.37 %.
- 6 The overall bottom ash utilisation in Neyveli Thermal Power Stations is 100%.
- 7 Barsingsar Thermal Power Station: 69.10 % of Fly ash generated has been disposed through e-auction mode to BMCs & CMCs in March 2022 and 30.90% for mines back filling. The utilization of both fly ash and bottom ash is 100%
- 8 NLC Tamil Nadu Power Limited: Percentage of dry fly ash issued to the BMCs on regular basis is 38.67 %. The utilization of both fly ash and bottom ash is 100%.

Submitted to Director/Power for favour of information

Copy submitted to CGM/Thermal
 Copy submitted to GM/TPS-I Expansion
 Copy submitted to GM/TPS-II
 Copy submitted to CGM/TPS-II Expansion
 Copy submitted to CGM/NNTPS
 Copy submitted to Project Head/Barsingsar Project
 Copy submitted to CEO/NTPL

E. Arivazhagan
 13/07/2022
 K. Arivazhagan
 DGM/Civil/TPS-I Expn.
 Nodal Officer/Fly Ash/Thermal

TRUE COPY

Monthly Report on Fly Ash Generation and Disposal by			
Thermal Power Station - I Expansion			
Report of the month		June-22	
1	Name and Address of the Thermal Power Station	Thermal Power Station - I Expn, NLC INDIA Ltd, Neyveli	
Accumulated quantity of ash at the start of the month			
a) Fly Ash			
2	i) Kept in the ash dyke	Nil	
	ii) Kept in Silos	0.00	T
	b) Bottom Ash	Nil	
3	Quantity of Lignite used during the month (With Variety and Ash content) :	304900.00 ✓	Tonnes
		5.92 ✓	%
Disposal of Fly Ash			
i) Fly ash to Cement Factories			
	a) Normal	0.00	T
	b) E Auction	11454.41	T
	Total	11454.41 ✓	
ii) Fly ash To Brick Kilns			
	a) Normal	2719.07 ✓	T
	b) E Auction	530.37 ✓	T
	Total	3249.440	
4	iii) NLC Pre - Casting Yard	0.00	
	iv) Mine-I	0.00	T
	v) Mines IA	0.00	T
	vi) Mines II	0.00	T
	vii) Others-XXTP	0.00	T
	Dry Fly Ash Total :	14703.85	T
Disposal of wet fly Ash			
	a) Dyke rising	0.00	T
	b) Conditioned ash sent to mines for backfilling and NLCIL low laying area	954.369	T
	wet ash Total :	954.369 ✓	
5	Disposal of Bottom Ash :	2389.50	T
	Specify the location of Disposal :	Back filling purpose	
Total Ash Generated during the month			
6	Fly Ash(Dry 14703.85 T- Wet 954.369 T)	15658.219 ✓	T
	Bottom Ash	2389.50 ✓	
	Total Ash generated	18047.719 ✓	T
Accumulated quantity of ash at the end of the month			
a) Fly Ash			
7	i) Kept in the ash dyke	Nil	T
	ii) Kept in Silos	0.00	T
8	Any other information :		
	Percentage of Ash utilised	100.00%	



TRUE COPY

Office of the Chief General Manager
Thermal Power Station - II (7 x 210 MW)
(An ISO 9001,14001,44001 Certified Power Plant)
NLC India Limited, NEYVELI-7.

Lr.No: TPS-II / PLG/ENV /2005/ T - 53/2022 dated 08-07-2022

To,
Dy.General Manager/Civil, (Nodal officer - Ash),
TPS-I Expansion,
NLC India Ltd,
Neyveli-607807.

Sir,
Sub: TPS-II (7 x 210 MW) – Fly ash generation and Utilization – monthly report – reg.

The details of Fly ash generation and Utilization for Jun-22 in respect of TPS-II are furnished herewith.

Sl. No	Details	Quantity	Unit	Percentage
1	Quantity of lignite consumption	9,22,314.64	Tonnes	
2	Average Ash content	7.68	%	
3	Total Calculated Ash	70,790	Tonnes	
	a) Dry fly ash	50,093	Tonnes	
	b) Bottom ash	20,697	Tonnes	
4	Fly ash kept in Silo(start of the month)	-	Tonnes	
5	Fly Ash available in RCC Silos incl.stock	50,093	Tonnes	
	a) Fly ash issued to cement companies			
	Regular	-	Tonnes	
	E.auction	17,935	Tonnes	35.80%
	b) Fly ash issued to brick manufacturers			
	Regular	5,414	Tonnes	10.81%
	E.auction	15,667	Tonnes	53.39%
	c) Fly ash used for Ash Dyke raising	11,077	Tonnes	
6	Total Fly ash issued (Cement,Brick& Ash Dyke raising)	50,093	Tonnes	
7	Fly ash kept in Silo(End of the month)	-	Tonnes	
8	Bottom ash sent to low lying areas	20,697	Tonnes	100%
9	Total utilization of Ash (6+8)	70,790	Tonnes	100.00%

The details of the above may be noted for submission of details to various agencies.


General Manager / TPS-II


TRUE COPY

ANNEXURE		
Monthly Report on Fly Ash generation and disposal		
Report for the month : June 2022		
01.	Name and Address of the Thermal Power Station	: Thermal Power Station-II Expansion, NLC INDIA Ltd.,Neyveli
02.	Quantity of lignite used during the month (with variety and ash content)	: 2,17,933.45 ✓ Tons (Lignite)
		: 7.03 ✓% (Ash)
03.	Ash generated during the month	
3.1	Fly Ash	: 11,416.20 Tons
3.2	Bottom Ash	: 3,904.52 Tons
04.	Disposal of Fly Ash	
4.1	To Cement factories (e-Auction)	: 1,066.68 Tons ✓
4.2	To Brick kilns (Regular)	: 3,133.76 Tons ✓
4.3	To Brick kilns (e-Auction)	: 7,215.76 Tons ✓
4.4	To other Activities (Sent to Mines for Backfilling)	: 0.00 Tons (NLC use)
4.5	Sent to Ash pond (Wet Ash)	: 0.00 Tons
	Total	: 11,416.20 ✓ Tons
05.	Bottom Ash	
5.1	Disposed to Ash Pond	: 0.00 Tons
5.1	Reused as bed material in CFBC Boiler	: 419.25 Tons ✓
5.1	Disposal of Bottom Ash to Mine-II for Backfilling	: 3,485.27 Tons ✓
	Total	: 3,904.52 Tons ✓
06.	Debris / Contaminated Ash(Bed Ash)	: 0.00 Tons
07.	Any other information	: ---

Sl

TRUE COPY

 Monthly Report on Fly Ash Generation and Disposal Neyveli New Thermal Power Station	
Report for the Month of June 2022	
1	Name of Address of the Thermal Power Station Neyveli New Thermal Power Station NLC INDIA Ltd., Neyveli-607807, Cuddalore District, Tamilnadu.
Accumulated Quantity of Ash at the Start of the Month (in Tonnes)	
a) Fly Ash	
2	i) Kept in the Ash Dyke Nil
	ii) Kept in Silos Nil
	b) Bottom Ash Nil
3	Quantity of Lignite used during the month (with Variety and Ash content)
	Lignite (Tonnes) 583,082.47 ✓
	Ash Content (%) 6.79 ✓
Disposal of Fly Ash (in Tonnes)	
i) Fly Ash to Cement Factories	
	a) Normal 0
	b) E Auction 27102.54 ✓
	Sub Total 27102.54
ii) Fly Ash to Brick Kilns	
	a) Normal 2259.12 ✓
	b) E Auction 2114.37 ✓
	Sub Total 4373.49
4	iii) NLC Pre-casting Yard 0
	iv) Mines-I 0
	v) Mines IA 0
	vi) Mines II 0
	vii) Others 0
	Dry Fly Ash Total 31476.03
Disposal of Wet Fly Ash (in Tonnes)	
	a) Dyke Rising 0
	b) Conditioned as sent to mines for backfilling and NLCIL Low lying area 4934.77
	Wet Ash Total 4934.77 ✓
5	Disposal of Bottom Ash 3159
	Location of Disposal For Mine Filling
Total Ash Generated during the Month (in Tonnes)	
6	Fly Ash 36410.80 ✓
	Bottom Ash 3159 ✓
	Total Ash Generated 39569.80 ✓
Accumulated Quantity of Ash at the End of the Month (in Tonnes)	
a) Fly Ash	
7	i) Kept in the Ash Dyke Nil
	ii) Kept in Silos Nil
	b) Bottom Ash Nil
8	Any Other Information
	Percentage of Ash Utilized 100%



TRUE COPY

	NLC INDIA LIMITED "Navratna" - A Govt of India Enterprise / "नवरात्ना" - भारत सरकार का उपक्रम OFFICE OF THE PROJECT HEAD / BARSINGSAR AND BITHNOK PROJECT परियोजना प्रमुख का कार्यालय / बरसिंगसर एवं बिठनोक परियोजना Barsingsar - 334 402, Bikaner Dist. RAJASTHAN Ptl. No. 0152-2847574, Fax No. 0151-2847511 email - phbp@nclindia.in CIN: L93090TN1956GDI003507 / web: www.nclindia.in	 
	ISO 9001:2015 QMS ISO 14001:2015 EMS ISO 45001:2018 OHSMS ISO 50001:2018 EnMS	

Lr. No: NLCIL-BTPS / PLG/ENV/ 7101 /003/023/ 2022

Date: 05.07.2022

Sub: BTPS-Monthly Report on Ash Generation and Utilization for June-2022-Reg.

The details of Fly Ash and Bottom Ash utilization (In Tonnes) pertaining to BTPS for the month of June-2022 are enclosed.

01. Dry Fly ash Generation	13779.52 ✓
To Ash Pond	0.00
Dry Ash Collected in Silo	13779.52
02. To Brick Manufacturing Companies (BMC)	3831.75 ✓
(a) On Regular Basis	0.00
(b) On e'Auction Basis	3831.75
03. To Cement Manufacturing Companies (CMC)	5690.21 ✓
(a) On Regular Basis	0.00
(b) On e'Auction Basis	5690.21
04. To NLC	4257.56
(a) For Internal Use	0.00
(b) For Mines Back Filling	4257.56
(c) Bed Ash sent for Mines Back Filling	0.00
05. Total Dry Fly ash Utilised / Disposed	13779.52
(a) On Regular Basis	4257.56
(b) On e'Auction Basis	9521.96
06. Dry Fly Ash Utilization / Disposal Percentage (%)	100.00
(a) % of Fly Ash Disposal to BMC (Regular)	0.00
(b) % of Fly Ash Disposal to BMC (e'Auction)	27.81
(c) % of Fly Ash Disposal to CMC (Regular)	0.00
(d) % of Fly Ash Disposal to CMC (e'Auction)	41.29
(e) % of Fly Ash Disposal to NLC	30.90
07. Bottom Ash Generated	3314.66
(a) Bottom Ash Sent to Mines for Back Filling	3314.66
08. Percentage of Bottom Ash Utilised / Disposed	100.00
09. Percentage of Ash Content in Lignite	13.26 ✓
10. Lignite consumption	128914.00 ✓
11. Total Ash (Dry Fly Ash & Bottom Ash) Generated	17094.18 ✓
12. Total Ash (Dry Fly Ash & Bottom Ash) Utilized / Disposed	17094.18
PERCENTAGE OF ASH GENERATION & DISPOSAL	100


 PROJECT HEAD
 BARSINGSAR & BITHNOK PROJECT

To
 The Deputy General Manager/Civil
 Nodal Officer / Fly Ash
 Thermal Power Station -I Expn,
 NLC India Ltd, Neyveli
 Email Id : nodalofficer.flyash@nclindia.in


TRUE COPY



NLC TAMILNADU POWER LIMITED
 [A JVC between NLC India Ltd [Formerly Neyveli Lignite Corporation Ltd]
 & TANGEDCO and a subsidiary of NLC India Ltd]
 OFFICE OF THE CHIEF EXECUTIVE OFFICER
 2*500 MW IV Thermal Power Project
 Harbour Estate, Tuticorin, 628004
 Fax: 0461-2352400, Phone: 0461-2352844, /CIN: U40102TN2005GO1058050
 E-mail: ceo.ntpl@nlicindia.in, Web: www.ntplpower.com

Lr. No.Ash sales/NTPL/Fly ash report/80

05.07.2022

To,

The Nodal Officer,

NTPL

Tuticorin

Sir,

Sub: NTPL- Disposal of Dry fly ash- Monthly report- June'22- reg.

The disposal details of dry Fly ash & Bottom ash from NTPL for the month of June'2022 are submitted below

NTPL TUTICORIN		
FLYASH DISPOSAL REPORT FOR THE MONTH OF JUNE'22		
S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (June'22)	48,627.74
	b) Upto Last month (May'22)	9,54,444.81
	c) Cum. Disposal to BMC's on regular basis upto this month	10,03,072.55
2	Disposal to Cement Manufacturing Companies (CMC) & NHAI	
	a) On E-auction/EOI basis, this month (June'22)	77,126.72
	b) disposal to CMC's upto last month (May'22)	47,43,265.86
	c) Cum. Disposal to CMC's on e-auction basis upto this month	48,20,392.58
3	Fly ash disposed in ash pond for the month of June'22	0.00
	Fly ash disposed in ash pond upto month of May'22	0.00
	Fly ash disposed in ash pond upto this month	0.00
4	Total Dry Fly ash utilisation in this month (June'22)	1,25,754.46
	Total Dry Fly ash utilisation upto last month (May'22)	56,97,710.67
	Total Dry Fly ash utilisation	58,23,465.13
5	Percentage of flyash issued to CMC & NHAI for the month of June'22	61.38%
6	Percentage of flyash issued to BMC for the month of June'22	38.62%
7	Total Percentage	100.00%

Page 1 of 2

TRUE COPY

BOTTOM ASH DISPOSAL REPORT FOR THE MONTH OF JUNE'22		
S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (June'22)	0.00
	b) Upto Last month (May'22)	1,674.22
	c) Cum. Disposal to BMC's on regular basis upto this month [From Apr'18]	1,674.22
2	Disposal to Cement Manufacturing Companies (CMC)	
	a) This month (June'22)	10,246.68
	b) disposal to CMC's upto last month (May'22)	4,58,198.57
	c) Cum. Disposal to CMC's on regular basis upto this month [From Apr'18]	4,68,445.25
3	Total Bottom ash disposal in this month (June'22)	10,246.68 ✓
	Total Bottom ash disposal upto last month (May'22)	4,59,872.79
	Total Bottom ash disposal [From Apr'18]	4,70,119.47

For NLC Tamilnadu Power Ltd,

Signature
2022/06/22

Signature
2022/06/22
ACM/CIVIL/NTPL

TRUE COPY

Annexure 10

Office of The General Manager/TPS-II.
NLC India Ltd.
Neyveli

Report Submitted to Director/Power:

Date: 16.08.2022

Sub.: NLCIL & NTPL - Generation and Disposal of Ash - Monthly Report of JULY - 2022 - Reg.

The details of Generation and Disposal of Fly Ash & Bottom Ash from our Thermal Power Stations for the Month of July 2022 is submitted below

FLY ASH GENERATION & DISPOSAL FOR JULY- 2022								
	Details							
		TPS-I Exp	TPS-II	TPS-II Exp	NNTPS	TOTAL	BTPS	NTPL
1	Quantity of Lignite Consumption	302400	808865	136615	688548		97487	-
a	Average ash content in percentage	6.75	8.84	7.60	6.76		20.58	-
b	Total Ash generated during the month	20419	7148	10383	46564	84514	20066	124241
2	Dry Fly Ash Collected During the Month	17706	54327	8790	42758	123581	16820	124240.76
a	Dry Fly Ash kept in Silo Start of the month	0	0	0	0	0	0	0
b	To Ash pond	0	0	0	0	0	0	0
c	Total Dry Fly Ash collected in Silo	17164	54327	8790	42758	123039	16820	124241
d	Fly Ash Kept in Silo @ the end of Month	0	0	0	0	0	0	0
3	Disposal to Brick Manufacturing Companies (BMCs)							
a	On Regular basis	2962	3118	1273	1517	8870	0	31529
b	On E-auction basis	1082	15849	7172	5908	30011	2690	0
c	Disposal on regular basis upto last month	8834	21030	11688	14501	56053	0	121194
d	Disposal on regular basis this month	2962	3118	1273	1517	8870	0	31529
e	Cum. disposal on regular upto this month	11796	24148	12961	16018	64923	0	152723
f	Disposal on E-auction upto last month	2695	47500	20223	9641	80059	11729	0
g	Disposal on E-auction basis this month	1082	15849	7172	5908	30011	2690	0
h	Cum. disposal on E-auction upto this month	3777	63349	27395	15549	110070	14419	0
4	Disposal to Cement Manufacturing Companies (CMCs)							
a	On Regular basis, this month	0	0	0	0	0	0	0
b	On e-auction basis, this month	13120	12241	345	35332	61038	6662	92712
c	Disposal on regular basis upto last month	0	0	0	0	0	0	0
d	Disposal on regular basis this month	0	0	0	0	0	0	0
e	Cum. disposal on regular, upto this month	0	0	0	0	0	0	0
f	Disposal on E-auction basis upto last month	34359	50474	1962	82146	168941	15563	219661
g	Disposal on E-auction basis this month	13120	12241	345	35332	61038	6662	92712
h	Cum. disposal on E-auction basis upto this	47479	62715	2307	117478	229979	22225	312373
5	Disposal to NLC Units							
a	Conditioned ash sent to mines for backfilling	542	0	0	0	542	7469	0
b	To Precasting Yard / NLCIL Units	0	0	0	0	0	0	0
c	Agriculture use/ others (DRDA& NHA)	0	23119	0	0	23119	0	0
6	a) NLC Units total	542	23119	0	0	23661	7469	0
a	NLC Units total upto last month	8007	11077	0	0	19084	0	0
b	NLC Units total this month	542	23119	0	0	23661	7469	0
c	NLC Units total upto this month	8549	34196	0	0	42745	7469	0

TRUE COPY

7	Dry Fly Ash Utilisation total (Sl.No. 3 to 6)	17706	54327	8790	42757	123580	16928	124241
8	TOTAL (Regular)	2962	3118	1273	1517	8870	0	31529
9	TOTAL (E-auction)	14202	28090	7517	41240	91049	9352	92712
10	Percentage of Flyash to BMC (Regular)	16.73	5.74	14.48	3.55	7.18	0.00	25.38
11	Percentage of Flyash to CMC(Regular)	0	0	0	0	0.0	0.0	0
12	Percentage of Flyash to BMC (E-auction)	6.1	29.2	81.6	13.8	24.3	16.0	0.0
13	Percentage of Flyash to CMC (E-auction)	74.1	22.5	3.9	82.6	49.4	39.6	74.6
14	Percentage of Flyash to NLC units	3.1	42.6	0.0	0.0	19	44.4	0.0
	Percentage of Flyash to NHAI/DRDA	0.0	42.6	0.0	0.0	0.2	0.0	0.0
15	Total percentage	100.00	100.00	100.00	100.00	100	100	100.00
16	Percentage of Fly Ash sent to Ash pond	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Bottom Ash Details							
a	Bottom Ash Generated for this month	2713	17155	1592	3806	25266	3246	12613
b	Bottom Ash Utilised/NLCI use/Land Back Fill	0	0	43	0.0	43	0	0
18	Bottom Ash sent to Ash Pond	0	0	0	0	0	0	0
a	Bottom Ash sent to Cement & Brick	0	0	0	0	0	0	12613
19	Bottom Ash sent to Mines Filling	2713	17155	1549	3806	25223	3246	0
20	Bottom Ash Utilisation	100%	100%	100%	100%	100%	100%	100%

Note: All the Quantities are in metric tonnes

- 1 Thermal Power Station I Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 16.73 %. Quantity of fly ash sent to the ash pond is Nil.
- 2 Thermal Power Station II: Percentage of dry fly ash issued to the BMCs on regular basis is 5.74 %. Quantity of fly ash sent to the ash pond is Nil.
- 3 Thermal Power Station II Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 14.48 % Quantity of fly ash sent to the ash pond is Nil.
- 4 NNTPS: Percentage of dry fly ash issued to the BMCs on regular basis is 3.55 %. Quantity of fly ash sent to the ash pond is Nil.
- 5 The overall percentage of fly ash issued to the BMCs from all the power stations in Neyveli has been 7.18 %. TPS-I Expn. achieved the highest among all the Thermal Power Stations in Neyveli with 16.73 % followed by TPS II Expn. with 14.48 %.
- 6 The overall bottom ash utilisation in Neyveli Thermal Power Stations is 100%.
- 7 Barsingar Thermal Power Station: 55.60 % of Fly ash generated has been disposed through e-auction mode to BMCs & CMCs in JULY 2022 and 44.40 % for mines back filling. **The utilization of both fly ash and bottom ash is 100%**
- 8 NLC Tamil Nadu Power Limited: Percentage of dry fly ash issued to the BMCs on regular basis is 25.38 %. **The utilization of both fly ash and bottom ash is 100%.**

Submitted to Director/Power for favour of information

Copy submitted to CGM/Thermal
 Copy submitted to GM/TPS-I Expansion
 Copy submitted to GM/TPS-II
 Copy submitted to CGM/TPS-II Expansion
 Copy submitted to CGM/NNTPS
 Copy submitted to Project Head/Barsingar Project
 Copy submitted to CEO/NTPL

E. Arivazhagan
 16/08/2022
 K. Arivazhagan
 DGM/Civil/TPS-II.
 Nodal Officer/Fly Ash/Thermal

TRUE COPY



NLC INDIA LIMITED

(formerly Neyveli Lignite Corporation Limited)
 (Navratna - A Govt. of India Enterprise)
 (भारत सरकार का 'नवरातना' उद्यम)

OFFICE OF THE GENERAL MANAGER
 THERMAL POWER STATION-I EXPANSION
 NEYVELI-607 807

email: gm.tpstexpn@nicindia.in / Website: nlcindia.in

☎ : 04142-257941 / Fax : 04142-257944

मुख्य महा प्रबन्धक का कार्यालय
 ताप विद्युतगृह -1 विस्तार
 नेयवेली- 607 807

☎ : 04142-257941 / Fax : 04142-257944

Lr. No: TPS - I EXP/Env/FA05/64/2022

Date: 04.08.2022

To
 The Member Secretary,
 Tamil Nadu Pollution Control Board,
 76, Mount Salai, Guindy,
 Chennai - 600 032.

Sir,

Sub: NLC India Ltd-TPS-I Expn-Ash Notification - Monthly Report - July 2022- Reg.

With reference to the above, the details of Ash Generation and utilization are furnished in the format annexed for the month of July 2022 for your kind Perusal.

Thanking you,

Yours faithfully,
 For NLC India Ltd

General Manager
 TPS-I Expansion

GM (UNIT HEAD),
 TPS-I Expansion,
 NLC India Ltd, NEYVELI.

Encl: Annexure

Copy to DEE/TNPCB/Plot No. A3, SIPCOT Industrial Complex, Kudikadu, Cuddalore-607 005

TRUE COPY

Monthly Report on Fly Ash Generation and Disposal by			
Thermal Power Station - I Expansion			
Report of the month		July-22	
1	Name and Address of the Thermal Power Station :	Thermal Power Station - I Expn, N.I.C INDIA Ltd, Neyveli	
Accumulated quantity of ash at the start of the month			
a) Fly Ash			
2	i) Kept in the ash dyke	Nil	
	ii) Kept in Silos	0.00	T
	b) Bottom Ash	Nil	
3	Quantity of Lignite used during the month (With Variety and Ash content) :	302400.00	Tonnes
		6.75	%
Disposal of Fly Ash			
i) Fly ash to Cement Factories			
4	a) Normal	0.00	T
	b) E Auction	13120.08	T
	Total	13120.08	
ii) Fly ash to Brick Kilns			
4	a) Normal	2962.42	T
	b) E Auction	1081.37	T
	Total	4043.790	
iii) NLC Pre - Casting Yard			
4	iv) Mine-I	0.00	T
	v) Mines IA	0.00	T
	vi) Mines II	0.00	T
	vii) Others-NNTIP	0.00	T
	Dry Fly Ash Total	17163.87	T
Disposal of wet fly Ash			
a) Dyke rising			
5	b) Conditioned ash sent to mines for backfilling and N.I.C.II. low laying area	542.061	T
	wet ash Total	542.061	
	Disposal of Bottom Ash	2713.50	T
Specify the location of Disposal :		Back filling purpose	
Total Ash Generated during the month			
6	Fly Ash(Dry 17163.87 T+ Wet 542.061 T)	17705.931	T
	Bottom Ash	2713.50	
	Total Ash generated	20419.431	T
Accumulated quantity of ash at the end of the month			
a) Fly Ash			
7	i) Kept in the ash dyke	Nil	T
	ii) Kept in Silos	0.00	T
8	Any other information :		
	Percentage of Ash utilised	100.00%	



TRUE COPY

Office of the Chief General Manager
Thermal Power Station - II (7 x 210 MW)
(An ISO 9001,14001,44001 Certified Power Plant)
NLC India Limited, NEYVELI-7.

Cr.No: TPS-II / PLG/ENV /2005/T - 505 /2022 dated 03-08-2022

To,
Dy.General Manager/Civil, (Nodal officer - Ash),
TPS-II
NLC India Ltd,
Neyveli-607807.

Sir,
Sub: TPS-II (7 x 210 MW)- Fly ash generation and Utilization -- monthly report -- reg.

The details of Fly ash generation and Utilization for Jul-22 in respect of TPS-II are furnished herewith.

Sl. No	Details	Quantity	Unit	Percentage
1	Quantity of lignite consumption	8,08,864.52	Tonnes	
2	Average Ash content	8.84	%	
3	Total Calculated Ash	71,482	Tonnes	
	a) Dry fly ash	54,327	Tonnes	
	b) Bottom ash	17,155	Tonnes	
4	Fly ash kept in Silo(start of the month)	-	Tonnes	
5	Fly Ash available in RCC Silos incl.stock	54,327	Tonnes	
	a) Fly ash issued to cement companies			
	Regular	-	Tonnes	
	L.auction	12,241	Tonnes	22.53%
	b) Fly ash issued to brick manufacturers			
	Regular	3,118	Tonnes	5.74%
	L.auction	15,849	Tonnes	71.73%
	c) Fly ash used for Ash Dyke raising	23,119	Tonnes	
6	Total Fly ash issued (Cement,Brick& Ash Dyke raising)	54,327	Tonnes	
7	Fly ash kept in Silo(End of the month)	-	Tonnes	
8	Bottom ash sent to low lying areas	17,155	Tonnes	100%
9	Total utilization of Ash (6+8)	71,482	Tonnes	100.00%

The details of the above may be noted for submission of details to various agencies.

General Manager / TPS-II


TRUE COPY


NLC INDIA LIMITED

(Formerly Neyveli Lignite Corporation Limited)

"Navratna" - A Govt Of India Enterprise

OFFICE OF THE CHIEF GENERAL MANAGER

Thermal Power Station-II Expansion

Neyveli - 607 807

Cuddalore district, Tamilnadu

TeleFax : 04142-257715 / 257716

Email: gm.tps2expn@nlicindia.in

एनएलसी इंडिया लिमिटेड

(पूर्व में नेयवेली लिग्नाइट कॉर्पोरेशन लिमिटेड)

भारत सरकार का "नवरात्र" उद्यम

मुख्य महाप्रबंधक का कार्यालय

थर्मल पावर स्टेशन - II विस्तार

नेयवेली - 607 807

कूदलूर जिला, तमिलनाडु

टेली फैक्स: 04142-257715 / 257716

ई-मेल: gm.tps2expn@nlicindia.in


Lr No: NLCIL - TPS2E /PLG / 5529 /005 /103/2022-23
Date: 09-08-2022

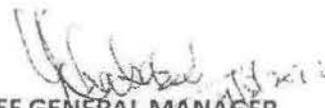
To

The Nodal Officer (Flyash),

NLC India Limited, Neyveli-607807.

Sub: TPS-II Expn. - Monthly Report on Fly Ash Generation & Disposal-Jul-22 and Apr-22 (Revised)- Reg.

With reference to the above, the report on Fly Ash Generation & Disposal for the month of Jul-2022 and revised report for the month of Apr-22 in respect of TPS-II Expansion is enclosed in the Annexure.


CHIEF GENERAL MANAGER

Thermal Power Station-II Expansion,

NLC India Limited, Neyveli.

Enclosure: As above

TRUE COPY

ANNEXURE		
Monthly Report on Fly Ash generation and disposal		
Report for the month : July 2022		
01.	Name and Address of the Thermal Power Station	: Thermal Power Station-II Expansion, NLC INDIA Ltd.,Neyveli
02.	Quantity of lignite used during the month (with variety and ash content)	: 1,36,615.39 Tons (Lignite)
		: 7.60 % (Ash)
03.	Ash generated during the month	
3.1	Fly Ash	: 8,790.25 Tons
3.2	Bottom Ash	: 1,592.52 Tons
04.	Disposal of Fly Ash	
4.1	To Cement factories (e-Auction)	: 344.83 Tons
4.2	To Brick kilns (Regular)	: 1,273.13 Tons
4.3	To Brick kilns (e-Auction)	: 7,172.29 Tons
4.4	To other Activities (Sent to Mines for Backfilling)	: 0.00 Tons (NLC use)
4.5	Sent to Ash pond (Wet Ash)	: 0.00 Tons
	Total	: 8,790.25 Tons
05.	Bottom Ash	
5.1	Disposed to Ash Pond	: 0.00 Tons
5.1	Reused as bed material in CFBC Boiler	: 43.39 Tons
5.1	Disposal of Bottom Ash to Mine-II for Backfilling	: 1,549.13 Tons
	Total	: 1,592.52 Tons
06.	Debris / Contaminated Ash(Bed Ash)	: 0.00 Tons
07.	Any other information	: ---



TRUE COPY

	NLC INDIA LIMITED "Navratna" - A Govt of India Enterprise / "नवरातन" - भारत सरकार का उपक्रम OFFICE OF THE GENERAL MANAGER / BARSINGSAR THERMAL POWER STATION महापबंधक का कार्यालय / बरसिंगसर थर्मल पावर स्टेशन Barsingsar - 334 402, Bikaner Dist. RAJASTHAN Ph. No. 0151-2847574, Fax No. 0151-2847511 email - gm_bp@nicindia.in CIN: L95000TN1956G01003507 / web: www.nicindia.in	 
	ISO 9001:2015 QMS ISO 14001:2015 EMS ISO 45001:2018 OHSMS ISO 50001:2018 E/MS	

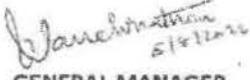
Lr. No: NLCIL-BTPS / PLG/ENV/ 7101 /004/028/ 2022

Date: 05.08.2022

Sub: BTPS-Monthly Report on Ash Generation and Utilization for July-2022-Reg.

The details of Fly Ash and Bottom Ash utilization (in Tonnes) pertaining to BTPS for the month of July-2022 are enclosed.

01. Dry Fly ash Generation	16820.38
To Ash Pond	0.00
Dry Ash Collected in Silo	16820.38
02. To Brick Manufacturing Companies (BMC)	2690.12
(a) On Regular Basis	0.00
(b) On e'Auction Basis	2690.12
03. To Cement Manufacturing Companies (CMC)	6661.61
(a) On Regular Basis	0.00
(b) On e'Auction Basis	6661.61
04. To NLC	7468.65
(a) For Internal Use	0.00
(b) For Mines Back Filling	7468.65
(c) Bed Ash sent for Mines Back Filling	0.00
05. Total Dry Fly ash Utilised / Disposed	16820.38
(a) On Regular Basis	7468.65
(b) On e'Auction Basis	9351.73
06. Dry Fly Ash Utilization / Disposal Percentage (%)	100.00
(a) % of Fly Ash Disposal to BMC (Regular)	0.00
(b) % of Fly Ash Disposal to BMC (e'Auction)	15.99
(c) % of Fly Ash Disposal to CMC (Regular)	0.00
(d) % of Fly Ash Disposal to CMC (e'Auction)	39.60
(e) % of Fly Ash Disposal to NLC	44.40
07. Bottom Ash Generated	3245.69
(a) Bottom Ash Sent to Mines for Back Filling	3245.69
08. Percentage of Bottom Ash Utilised / Disposed	100.00
09. Percentage of Ash Content in Lignite	20.58
10. Lignite consumption	97487.27
11. Total Ash (Dry Fly Ash & Bottom Ash) Generated	20066.07
12. Total Ash (Dry Fly Ash & Bottom Ash) Utilized / Disposed	20066.07
PERCENTAGE OF ASH GENERATION & DISPOSAL	100


 GENERAL MANAGER
 BARSINGSAR THERMAL POWER STATION

To
 The Deputy General Manager/Civil
 Nodal Officer / Fly Ash
 Thermal Power Station-I Expn,
 NLC India Ltd, Neyveli
 Email Id : nodalofficer.flyash@nicindia.in

TRUE COPY



NLC TAMILNADU POWER LIMITED
 (A JVC between NLC India Ltd (Formerly Neyveli Lignite Corporation Ltd)
 & TANGEDCO and a subsidiary of NLC India Ltd)
OFFICE OF THE CHIEF EXECUTIVE OFFICER
 2*500 MW JV Thermal Power Project
 Harbour Estate, Tuticorin-628004
 Fax: 0461-2352480, Phone : 0461-2352844, /CIN : U40102TN2005G01058050
 E-mail: ceo.ntpl@nfcindia.in, Web : www.ntplpower.com

Lr. No.Ash sales/NTPL/fly ash report/81

04.08.2022

To,

The Nodal Officer,
 NTPL
 Tuticorin

Sir,

Sub: NTPL- Disposal of Dry fly ash- Monthly report- July'22- reg.

The disposal details of dry Fly ash & Bottom ash from NTPL for the month of July'22 are submitted below

NTPL TUTICORIN		
FLYASH DISPOSAL REPORT FOR THE MONTH OF JULY'22		
S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (July'22)	71,529.20
	b) upto last month (June'22)	10,03,072.50
	c) Cum. Disposal to BMC's on regular basis upto this month	10,34,601.60
2	Disposal to Cement Manufacturing Companies (CMC) & NHAI	
	a) On E-auction/EOI basis, this month (July'22)	92,711.60
	b) disposal to CMC's upto last month (June'22)	48,20,392.58
	c) Cum. Disposal to CMC's on e-auction basis upto this month	49,13,104.24
3	Fly ash disposed in ash pond for the month of July'22	0.00
	Fly ash disposed in ash pond upto month of June'22	0.00
	Fly ash disposed in ash pond upto this month	0.00
4	Total Dry Fly ash utilisation in this month (July'22)	1,24,240.76
	Total Dry Fly ash utilisation upto last month (June'22)	58,23,465.08
	Total Dry Fly ash utilisation	59,47,705.84
5	Percentage of flyash issued to CMC & NHAI for the month of July'22	74.62%
6	Percentage of flyash issued to BMC for the month of July'22	25.38%
7	Total Percentage	100.00%

Page 1 of 2

TRUE COPY

S.No	Details - BOTTOM ASH	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (July'22)	0.00
	b) Upto Last month (June'22)	1,674.22
	c) Cum. Disposal to BMC's on regular basis upto this month [From Apr'18]	1,674.22
2	Disposal to Cement Manufacturing Companies (CMC)	
	a) This month (July'22)	12,613.48
	b) disposal to CMC's upto last month (June'22)	4,18,445.75
	c) Cum. Disposal to CMC's on regular basis upto this month [From Apr'18]	4,31,058.75
3	Total Bottom ash disposal in this month (July'22)	12,613.48
	Total Bottom ash disposal upto last month (June'22)	4,10,119.47
	Total Bottom ash disposal [From Apr'18]	4,32,732.95

For NLC Tamilnadu Power Ltd,

Signature
Date

Signature
DGM/CIVIL/NTPL

Signature

TRUE COPY

Annexure 11

Office of The General Manager/TPS-II,
NLC India Ltd.
Neyveli

Report Submitted to Director/Power:

Date: 15.09.2022

Sub.: NLCIL & NTPL - Generation and Disposal of Ash - Monthly Report of August - 2022 - Reg.

The details of Generation and Disposal of Fly Ash & Bottom Ash from our Thermal Power Stations for the Month of August 2022 is submitted below

FLY ASH GENERATION & DISPOSAL FOR AUGUST- 2022								
	Details							
		TPS-I Exp	TPS-II	TPS-II Exp	NNTPS	TOTAL	BTPS	NTPL
1	Quantity of Lignite Consumption	185200	776232	205771	627709		133649	-
a	Average ash content in percentage	6.16	8.35	7.60	6.83		14.29	-
b	Total Ash generated during the month	11417	64815	15639	42897	134768	19094	133983
2	Dry Fly Ash Collected During the Month	10178	46055	11045	39527	106805	15973	133983
a	Dry Fly Ash kept in Silo Start of the month	0	0	0	0	0	0	0
b	To Ash pond	0	0	0	0	0	0	0
c	Total Dry Fly Ash collected in Silo	9300	46055	11045	39527	105927	15973	133983
d	Fly Ash Kept in Silo @ the end of Month	0	0	0	0	0	0	0
3	Disposal to Brick Manufacturing Companies (BMCs)							
a	On Regular basis	1099	2724	830	2106	6759	0	27498
b	On E-auction basis	1373	12513	9456	9011	32353	2012	0
c	Disposal on regular basis upto last month	11796	24148	12961	16018	64923	0	152723
d	Disposal on regular basis this month	1099	2724	830	2106	6759	0	27498
e	Cum. disposal on regular upto this month	12895	26872	13791	18124	71682	0	180221
f	Disposal on E-auction upto last month	3777	63349	27395	15549	110070	14419	0
g	Disposal on E-auction basis this month	1373	12513	9456	9011	32353	2012	0
h	Cum. disposal on E-auction upto this month	5150	75862	36851	24560	142423	16431	0
4	Disposal to Cement Manufacturing Companies (CMCs)							
a	On Regular basis, this month	0	0	0	0	0	631	0
b	On e-auction basis, this month	6828	11593	759	28409	47589	12722	106485
c	Disposal on regular basis upto last month	0	0	0	0	0	0	0
d	Disposal on regular basis this month	0	0	0	0	0	0	0
e	Cum. disposal on regular, upto this month	0	0	0	0	0	0	0
f	Disposal on E-auction basis upto last month	47479	62715	2307	117478	229979	22225	312373
g	Disposal on E-auction basis this month	6828	11593	759	28409	47589	12722	106485
h	Cum. disposal on E-auction basis upto this	54307	74308	3066	145887	277568	34947	418858
5	Disposal to NLC Units							
a	Conditioned ash sent to mines for backfilling	878	0	0	0	878	608	0
b	To Precasting Yard / NLCIL Units	0	0	0	0	0	0	0
c	Agriculture use/ others (DRDA& NHAI)/Dyke	0	19225	0	0	19225	0	0
a)	NLC Units total	878	19225	0	0	20103	608	0
a	NLC Units total upto last month	8549	34196	0	0	42745	0	0
b	NLC Units total this month	878	19225	0	0	20103	608	0
c	NLC Units total upto this month	9427	53421	0	0	62848	608	0

TRUE COPY

7	Dry Fly Ash Utilisation total (Sl.No. 3 to 6)	10178	46055	11045	39526	106804	16928	133983
8	TOTAL (Regular)	1099	2724	830	2106	6759	631	27498
9	TOTAL (E-auction)	8201	24106	10215	37420	79942	14734	106485
10	Percentage of Flyash to BMC (Regular)	10.80	5.91	7.51	5.33	6.33	0.00	20.52
11	Percentage of Flyash to CMC(Regular)	0	0	0	0	0.0	4.0	0
12	Percentage of Flyash to BMC (E-auction)	13.5	27.2	85.6	22.8	30.3	12.6	0.0
13	Percentage of Flyash to CMC (E-auction)	67.1	25.2	6.9	71.9	44.6	79.6	79.5
14	Percentage of Flyash to NLC units	8.6	41.7	0.0	0.0	19	3.8	0.0
	Percentage of Flyash to NHAI/DRDA	0.0	41.7	0.0	0.0	0.2	0.0	0.0
15	Total percentage	100.00	100.00	100.00	100.00	100	100.00	100.00
16	Percentage of Fly Ash sent to Ash pond	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Bottom Ash Details							
a	Bottom Ash Generated for this month	1239	18760	4593	3370	27962	3121	11414
b	Bottom Ash Utilised/NLCI use/Land Back Fill	0	0	0	0.0	0	0	0
18	Bottom Ash sent to Ash Pond	0	0	0	0	0	0	0
a	Bottom Ash sent to Cement & Brick	0	0	0	0	0	0	11414
19	Bottom Ash sent to Mines Filling	1239	18760	4593	3370	27962	3121	0
20	Bottom Ash Utilisation	100%	100%	100%	100%	100%	100%	100%

Note: All the Quantities are in metric tonnes

- 1 Thermal Power Station I Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 10.80 %. Quantity of fly ash sent to the ash pond is Nil.
- 2 Thermal Power Station II: Percentage of dry fly ash issued to the BMCs on regular basis is 5.91 %. Quantity of fly ash sent to the ash pond is Nil.
- 3 Thermal Power Station II Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 7.51 % Quantity of fly ash sent to the ash pond is Nil.
- 4 NNTPS: Percentage of dry fly ash issued to the BMCs on regular basis is 5.33 %. Quantity of fly ash sent to the ash pond is Nil.
- 5 The overall percentage of fly ash issued to the BMCs from all the power stations in Neyveli has been 6.33 %. TPS-I Expn. achieved the highest among all the Thermal Power Stations in Neyveli with 10.80 % followed by TPS II Expn. with 7.51 %.
- 6 The overall bottom ash utilisation in Neyveli Thermal Power Stations is 100%.
- 7 Barsingsar Thermal Power Station: 92.2 % of Fly ash generated has been disposed through e-auction mode to BMCs & CMCs in AUGUST 2022 and 3.2 % for mines back filling. 4% to CMCs. The utilization of both fly ash and bottom ash is 100%
- 8 NLC Tamil Nadu Power Limited: Percentage of dry fly ash issued to the BMCs on regular basis is 20.52 %. The utilization of both fly ash and bottom ash is 100%.

Submitted to Director/Power for favour of information

Copy submitted to CGM/Thermal
 Copy submitted to GM/TPS-I Expansion
 Copy submitted to GM/TPS-II
 Copy submitted to CGM/TPS-II Expansion
 Copy submitted to CGM/NNTPS
 Copy submitted to Project Head/Barsingsar Project
 Copy submitted to CEO/NTPL

K. Arivazhagan
 15/09/2022
 K. Arivazhagan
 DGM/Civil/TPS-II.
 Nodal Officer/Fly Ash/Thermal

TRUE COPY



NLC INDIA LIMITED
 एनएलसी इंडिया लिमिटेड
 (Formerly Neyveli Lignite Corporation Limited)
 (पूर्व में नेवेली लिग्नाइट कॉर्पोरेशन लिमिटेड)
 ('Navratna' - A Govt. of India Enterprise)
 (भारत सरकार का 'नवरातन' उद्योग)



OFFICE OF THE GENERAL MANAGER
 THERMAL POWER STATION-I EXPANSION
 NEYVELI-607 807
 email: gnu.tps1expn@nlicindia.in / Website: nlicindia.in
 CIN : L93090TN1956G01003507

मुख्य महा प्रबन्धक का कार्यालय
 ताप विद्युतगृह -1 विस्तार
 नेवेली- 607 807
 Ph : 04142 -257 941 / Fax : 04142 -257944

Lr. No: TPS - I EXP/Env/FA05/68/2022

Date: 06.09.2022

To
 The Member Secretary,
 Tamil Nadu Pollution Control Board,
 76, Mount Salai, Guindy,
 Chennai - 600 032.

Sir,

Sub: NLC India Ltd-TPS-I Expn-Ash Notification - Monthly Report - August 2022- Reg.

With reference to the above, the details of Ash Generation and utilization are furnished in the format annexed for the month of August 2022 for your kind Perusal.

Thanking you,

Yours faithfully,
 For NLC India Ltd

[Signature]
 06/09/2022
 General Manager
 TPS-I Expansion

GM (UNIT HEAD),
 TPS-I Expansion,
 NLC India Ltd, NEYVELI-7,

Encl: Annexure

Copy to DEE/TNPCB/Plot No. A3, SIPCOT Industrial Complex, Kudikadu, Cuddalore-607 005

TRUE COPY

Monthly Report on Fly Ash Generation and Disposal by			
Thermal Power Station - I Expansion			
Report of the month		August-22	
1	Name and Address of the Thermal Power Station	Thermal Power Station - I Expr, NLC INDIA Ltd, Neyveli	
Accumulated quantity of ash at the start of the month			
a) Fly Ash			
2	i) Kept in the ash dyke	Nil	
	ii) Kept in Silos	0.00	T
	b) Bottom Ash	Nil	
3	Quantity of Lignite used during the month (With Variety and Ash content)	185200.00	Tonnes
		6.16	%
Disposal of Fly Ash			
i) Fly ash to Cement Factories			
	a) Normal	0.00	T
	b) E Auction	6827.80	T
	Total	6827.80	
ii) Fly ash To Brick Kilns			
	a) Normal	1099.28	T
	b) E Auction	1372.95	T
	Total	2472.230	
4	iii) NLC Pre - Casting Yard	0.00	
	iv) Mine-I	0.00	T
	v) Mines IA	0.00	T
	vi) Mines II	0.00	T
	vii) Others-NNTP	0.00	T
	Dry Fly Ash Total	9300.03	T
Disposal of wet fly Ash			
	a) Dyke rising	0.00	T
	b) Conditioned ash sent to mines for backfilling and NLCIL low laying aea	877.773	T
	wet ash Total	877.773	
5	Disposal of Bottom Ash	1239.30	T
	Specify the location of Disposal	Back filling purpose	
Total Ash Generated during the month			
6	Fly Ash(Dry 9300.03 T+ Wet 877.773 T)	10177.803	T
	Bottom Ash	1239.30	
	Total Ash generated	11417.103	T*
Accumulated quantity of ash at the end of the month			
a) Fly Ash			
7	i) Kept in the ash dyke	Nil	T
	ii) Kept in Silos	0.00	T
8	Any other information		
	Percentage of Ash utilised	100.00%	

SL
TRUE COPY

Office of the Chief General Manager
Thermal Power Station - II (7 x 210 MW)
(An ISO 9001,14001,44001 Certified Power Plant)
NLC India Limited, NEYVELI-7.

Lr.No: TPS-II / PLG/ENV /2005/ T - 66 /2022 dated 03-09-2022

To,
Dy.General Manager/Civil, (Nodal officer - Ash),
TPS-II,
NLC India Ltd,
Neyveli-607807.

Sir,
Sub: TPS-II (7 x 210 MW) – Fly ash generation and Utilization – monthly report – reg.

The details of Fly ash generation and Utilization for Aug-22 in respect of TPS-II are furnished herewith.

Sl. No	Details	Quantity	Unit	Percentage
1	Quantity of lignite consumption	7,76,231.71	Tonnes	
2	Average Ash content	8.35	%	
3	Total Calculated Ash	64,815	Tonnes	
	a) Dry fly ash	46,055	Tonnes	
	b) Bottom ash	18,760	Tonnes	
4	Fly ash kept in Silo(start of the month)	-	Tonnes	
5	Fly Ash available in RCC Silos incl.stock	46,055	Tonnes	
	a) Fly ash issued to cement companies			
	Regular	-	Tonnes	
	E.auction	11,593	Tonnes	25.17%
	b) Fly ash issued to brick manufacturers			
	Regular	2,724	Tonnes	5.91%
	E.auction	12,513	Tonnes	68.91%
	c) Fly ash used for Ash Dyke raising	19,225	Tonnes	
6	Total Fly ash issued (Cement,Brick& Ash Dyke raising)	46,055	Tonnes	
7	Fly ash kept in Silo(End of the month)	-	Tonnes	
8	Bottom ash sent to low lying areas	18,760	Tonnes	100%
9	Total utilization of Ash (6+8)	64,815	Tonnes	100.00%

The details of the above may be noted for submission of details to various agencies.

2/2
General Manager / TPS-II

JK

TRUE COPY


NLC INDIA LIMITED

(Formerly Neyveli Lignite Corporation Limited)

"Navratna" - A Govt Of India Enterprise

OFFICE OF THE CHIEF GENERAL MANAGER

Thermal Power Station-II Expansion

Neyveli - 607 807

Cuddalore district, Tamilnadu

Tele/Fax : 04142-257715 / 257716

 Email: gm.tps2expn@nliindia.in
एनएलसी इंडिया लिमिटेड

(पूर्व में नेवेली लिग्नाइट कॉर्पोरेशन लिमिटेड)

भारत सरकार का "नवरातन" उद्यम

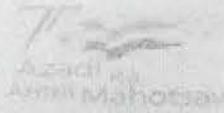
मुख्य महाप्रबंधक का कार्यालय

थर्मल पावर स्टेशन - II, विस्तार

नेवेली - 607 807

कूदलूर जिला, तमिलनाडु

टेली फैक्स: 04142-257715 / 257716

 ई-मेल: gm.tps2expn@nliindia.in

 ISO 9001:2015
 2014-2015, 2015
 2014-2015, 2015
 2014-2015, 2015
 2014-2015, 2015
 2014-2015, 2015

NABCC
 QM 900
 QM 900
 QM 900
 QM 900
 QM 900

Lr No: NLCIL - TPS2E /PLG / 5529 /006/120/2022-22
Date: 06-09-2022
To

The Nodal Officer (Flyash),

NLC India Limited, Neyveli-607807.


Sub: TPS-II Expn. - Monthly Report on Fly Ash Generation & Disposal-Aug-22 Reg.

With reference to the above, the report on Fly Ash Generation & Disposal for the month
 of in Aug-2022ⁱⁿ respect of Thermal Power Station-II Expansion is enclosed in the Annexure.
 A

CHIEF GENERAL MANAGER

Thermal Power Station-II Expansion,

NLC India Limited, Neyveli.

Thermal Power Station-II Expn

NLC India Ltd., Neyveli-607 807

Enclosure: As above

TRUE COPY

ANNEXURE		
Monthly Report on Fly Ash generation and disposal		
Report for the month : August 2022		
01.	Name and Address of the Thermal Power Station	: Thermal Power Station-II Expansion, NLC INDIA Ltd.,Neyveli
02.	Quantity of lignite used during the month (with variety and ash content)	: 2,05,771.10 Tons (Lignite)
		: 7.60 % (Ash)
03.	Ash generated during the month	
3.1	Fly Ash	: 11,045.55 Tons
3.2	Bottom Ash	: 4,593.05 Tons
04.	Disposal of Fly Ash	
4.1	To Cement factories (e-Auction)	: 759.15 Tons
4.2	To Brick kilns (Regular)	: 829.95 Tons
4.3	To Brick kilns (e-Auction)	: 9,456.45 Tons
4.4	To other Activities (Sent to Mines for Backfilling)	: 0.00 Tons (NLC use)
4.5	Sent to Ash pond (Wet Ash)	: 0.00 Tons
	Total	: 11,045.55 Tons
05.	Bottom Ash	
5.1	Disposed to Ash Pond	: 0.00 Tons
5.1	Reused as bed material in CFBC Boiler	: 737.45 Tons
5.1	Disposal of Bottom Ash to Mine-II for Backfilling	: 3,855.60 Tons
	Total	: 4,593.05 Tons
06.	Debris / Contaminated Ash(Bed Ash)	: 0.00 Tons
07.	Any other information	: ---

SR

TRUE COPY

OFFICE OF THE CHIEF GENERAL MANAGER

NLC INDIA LIMITED: NEYVELI

Lr. No. CGM/NNTPS/ENV/2022-23/25

Date: 08.09.2022

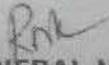
To

The Nodal Officer (Fly Ash),
Addl. Dy. General Manager/Civil,
Thermal Power Station-I Expansion,
NLC India Limited, Neyveli.

Sir,

Sub: NNTPS (2 x 500 MW) - Ash Utilization details for the month of August
2022 - Reg.

The details of ash generation and utilization of Neyveli New Thermal Power
Station (2x500 MW) are furnished in the format annexed for the month of August
2022 for further process.


CHIEF GENERAL MANAGER
NNTPS

TRUE COPY

		Monthly Report on Fly Ash Generation and Disposal	
		Neyveli New Thermal Power Station	
Sr. No.	Report for the Month of August 2022		
1	Name of Address of the Thermal Power Station	Neyveli New Thermal Power Station NLC INDIA Ltd., Neyveli-607807, Cuddalore District, Tamilnadu.	
Accumulated Quantity of Ash at the Start of the Month (in Tonnes)			
2	a) Fly Ash		
	i) Kept in the Ash Dyke	Nil	
	ii) Kept in Silos	Nil	
	b) Bottom Ash	Nil	
3	Quantity of Lignite used during the month (with Variety and Ash content)	Lignite (Tonnes)	627,709.30
		Ash Content (%)	6.83
Disposal of Fly Ash (in Tonnes)			
i) Fly Ash to Cement Factories			
	a) Normal	0	
	b) E Auction	28409.32	
	Sub Total	28409.32	
ii) Fly Ash to Brick Kilns			
	a) Normal	2106.48	
	b) E Auction	9011.49	
	Sub Total	11117.97	
iii) NLC Pre-casting Yard			
		0	
iv) Mines-I			
		0	
v) Mines IA			
		0	
vi) Mines II			
		0	
vii) Others			
		0	
	Dry Fly Ash Total	39527.29	
Disposal of Wet Fly Ash (in Tonnes)			
	a) Dyke Rising	0	
	b) Conditioned as sent to mines for backfilling and NLCIL Low lying area	0	
	Wet Ash Total	0.00	
5	Disposal of Bottom Ash	3369.6	
	Location of Disposal	For Mine Filling	
Total Ash Generated during the Month (In Tonnes)			
6	Fly Ash	39527.29	
	Bottom Ash	3369.6	
	Total Ash Generated	42896.89	
Accumulated Quantity of Ash at the End of the Month (in Tonnes)			
7	a) Fly Ash		
	i) Kept in the Ash Dyke	Nil	
	ii) Kept in Silos	Nil	
	b) Bottom Ash	Nil	
8	Any Other Information		
	Percentage of Ash Utilized	100%	

SL

TRUE COPY

	NLC INDIA LIMITED "Navratna" - A Govt of India Enterprise / "नवराता" - भारत सरकार का उपक्रम OFFICE OF THE PROJECT HEAD / BARSINGSAR AND BITHNOK PROJECT परियोजना प्रमुख का कार्यालय / बरसिंगर एवं बिठनोक परियोजना Barsingsar - 334 402, Bikaner Dist. RAJASTHAN Ph. No. 0151-2847574, Fax No. 0151-2847511 email - plbp@nclindia.in CIN: L83090TN1956GOI003507 / web: www.nclindia.in	   
	ISO 9001:2015 QMS ISO 14001:2015 EMS ISO 45001:2018 OHSMS ISO 50001:2018 EnMS	

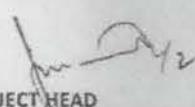
Lr. No: NLCIL-BTPS / PLG/ENV/ 7101 /005/034/ 2022

Date: 12.09.2022

Sub: BTPS-Monthly Report on Ash Generation and Utilization for August-2022-Reg.

The details of Fly Ash and Bottom Ash utilization (in Tonnes) pertaining to BTPS for the month of August-2022 are enclosed.

01. Dry Fly ash Generation	15973.10
To Ash Pond	0.00
Dry Ash Collected in Silo	15973.10
02. To Brick Manufacturing Companies (BMC)	2011.84
(a) On Regular Basis	0.00
(b) On e'Auction Basis	2011.84
03. To Cement Manufacturing Companies (CMC)	13353.68
(a) On Regular Basis	631.27
(b) On e'Auction Basis	12722.41
04. To NLC	607.58
(a) For Internal Use	0.00
(b) For Mines Back Filling	607.58
(c) Bed Ash sent for Mines Back Filling	0.00
05. Total Dry Fly ash Utilised / Disposed	15973.10
(a) On Regular Basis	1238.85
(b) On e'Auction Basis	14734.25
06. Dry Fly Ash Utilization / Disposal Percentage (%)	100.00
(a) % of Fly Ash Disposal to BMC (Regular)	0.00
(b) % of Fly Ash Disposal to BMC (e'Auction)	12.60
(c) % of Fly Ash Disposal to CMC (Regular)	3.95
(d) % of Fly Ash Disposal to CMC (e'Auction)	79.65
(e) % of Fly Ash Disposal to NLC	3.80
07. Bottom Ash Generated	3120.69
(a) Bottom Ash Sent to Mines for Back Filling	3120.69
08. Percentage of Bottom Ash Utilised / Disposed	100.00
09. Percentage of Ash Content in Lignite	14.29
10. Lignite consumption	133649.47
11. Total Ash (Dry Fly Ash & Bottom Ash) Generated	19093.79
12. Total Ash (Dry Fly Ash & Bottom Ash) Utilized / Disposed	19093.79
PERCENTAGE OF ASH GENERATION & DISPOSAL	100


 PROJECT HEAD
 BARSINGSAR & BITHNOK PROJECT

To
 The Deputy General Manager/Civil
 Nodal Officer / Fly Ash
 Thermal Power Station -I Exprn,
 NLC India Ltd, Neyveli
 Email Id : nodalofficer.flyash@nclindia.in


TRUE COPY



NLC TAMILNADU POWER LIMITED
 (A JVC between NLC India Ltd (Formerly Neyveli Lignite Corporation Ltd)
 & TANGEDCO and a subsidiary of NLC India Ltd)
 OFFICE OF THE CHIEF EXECUTIVE OFFICER
 2*500 MW JV Thermal Power Project
 Harbour Estate, Tuticorin- 628004
 Fax: 0461-2352480, Phone : 0461-2352844, /CIN : U40102TN2005G01058050
 E-mail: ceo.ntpl@nclindia.in, Web : www.ntplpower.com

Lr. No. Ash sales/NTPL/Fly ash report/82

03.09.2022

To,

The Nodal Officer,

NTPL

Tuticorin

Sir,

Sub: NTPL- Disposal of Dry fly ash- Monthly report- Aug'22- reg.

The disposal details of dry Fly ash & Bottom ash from NTPL for the month of Aug 2022 are submitted below.

NTPL TUTICORIN		
FLYASH DISPOSAL REPORT FOR THE MONTH OF AUG'22		
S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (Aug'22)	27,497.72
	b) Upto Last month (July'22)	10,34,601.60
	c) Cum. Disposal to BMC's on regular basis upto this month	10,62,099.32
2	Disposal to Cement Manufacturing Companies (CMC) & NHA	
	a) On E-auction/EOI basis, this month (Aug'22)	1,06,485.40
	b) disposal to CMC's upto last month (July'22)	49,13,104.24
	c) Cum. Disposal to CMC's on e-auction basis upto this month	50,19,589.64
3	Fly ash disposed in ash pond for the month of Aug'22	0.00
	Fly ash disposed in ash pond upto month of July'22	0.00
	Fly ash disposed in ash pond upto this month	0.00
4	Total Dry Fly ash utilisation in this month (Aug'22)	1,33,983.12
	Total Dry Fly ash utilisation upto last month (July'22)	59,47,705.84
	Total Dry Fly ash utilisation	60,81,688.96
5	Percentage of flyash issued to CMC & NHA for the month of Aug'22	79.48%
6	Percentage of flyash issued to BMC for the month of Aug'22	20.52%
7	Total Percentage	100.00%

BOTTOM ASH

S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (Aug'22)	0.00
	b) Upto Last month (July'22)	1,674.22
	c) Cum. Disposal to BMC's on regular basis upto this month [From Apr'18]	1,674.22
2	Disposal to Cement Manufacturing Companies (CMC)	
	a) This month (Aug'22)	11,413.70
	b) disposal to CMC's upto last month (July'22)	4,81,058.73
	c) Cum. Disposal to CMC's on regular basis upto this month [From Apr'18]	4,92,472.43
3	Total Bottom ash disposal in this month (Aug'22)	11,413.70
	Total Bottom ash disposal upto last month (July'22)	4,82,732.05
	Total Bottom ash disposal [From Apr'18]	4,94,146.55

For NLC Tamilnadu Power Ltd,

Sanjay
030922
ACM/CIVIL/NTPL

Calypso
030922

SL

Annexure 12

Office of The General Manager/TPS-II.
NLC India Ltd.
Neyveli

Report Submitted to Director/Power:

Date: 15.10.2022

FLY ASH GENERATION & DISPOSAL FOR SEPTEMBER-2022								
	Details	TPS-I	TPS-II	TPS-II	NNTPS	TOTAL	BTPS	NTPL
		Exp		Exp				
1	Quantity of Lignite Consumption	157760	816477	183706	586164		128494	-
a	Average ash content in percentage	5.48	8.72	8.59	6.52		17.88	-
b	Total Ash generated during the month	8641	71214	11909	38223	129987	22977	108513
2	Dry Fly Ash Collected During the Month	7628	53028	11909	35040	107605	19041	108513
a	Dry Fly Ash kept in Silo Start of the month	0	0	0	0	0	0	0
b	To Ash pond	0	0	0	0	0	0	0
c	Total Dry Fly Ash collected in Silo	7273	53028	11909	35040	107250	19041	108513
d	Fly Ash Kept in Silo @ the end of Month	0	0	0	0	0	0	0
3	Disposal to Brick Manufacturing Companies (BMCs)							
a	On Regular basis	1351	2652	1941	1900	7844	852	21380
b	On E-auction basis	673	14926	9442	4865	29906	3235	0
c	Disposal on regular basis upto last month	12895	26872	13791	18124	71682	0	180221
d	Disposal on regular basis this month	1351	2652	1941	1900	7844	852	21380
e	Cum. disposal on regular upto this month	14246	29524	15732	20024	79526	852	201601
f	Disposal on E-auction upto last month	5150	75862	36851	24560	142423	16431	0
g	Disposal on E-auction basis this month	673	14926	9442	4865	29906	3235	0
h	Cum. disposal on E-auction upto this month	5823	90788	46293	29425	172329	19666	0
4	Disposal to Cement Manufacturing Companies (CMCs)							
a	On Regular basis, this month	0	0	0	0	0	0	0
b	On e-auction basis, this month	5248	9339	526	28241	43354	14954	87134
c	Disposal on regular basis upto last month	0	0	0	0	0	0	0
d	Disposal on regular basis this month	0	0	0	0	0	0	0
e	Cum. disposal on regular, upto this month	0	0	0	0	0	0	0
f	Disposal on E-auction basis upto last month	54307	74308	3066	145887	277568	34947	418858
g	Disposal on E-auction basis this month	5248	9339	526	28241	43354	14954	87134
h	Cum. disposal on E-auction basis upto this	59555	83647	3592	174128	320922	49901	505992
5	Disposal to NLC Units							
a	Conditioned ash sent to mines for backfilling	356	0	0	0	356	0	0
b	To Precasting Yard / NLCIL Units	0	0	0	35	35	0	0
c	Agriculture use/ others (DRDA& NHAI)/Dyke	0	26111	0	0	26111	0	0
6	a) NLC Units total	356	26111	0	34	26502	0	0
a	NLC Units total upto last month	9427	53241	0	0	62668	0	0
b	NLC Units total this month	356	26111	0	34	26501	0	0
c	NLC Units total upto this month	9783	79352	0	34	89169	0	0

TRUE COPY

7	Dry Fly Ash Utilisation total (Sl.No. 3 to 6)	7628	53028	11909	35040	107605	19041	108514
8	TOTAL (Regular)	1351	2652	1941	1900	7844	852	21380
9	TOTAL (E-auction)	5921	24265	9968	33106	73260	18189	87134
10	Percentage of Flyash to BMC (Regular)	17.71	5.00	16.30	5.42	7.29	4.47	19.70
11	Percentage of Flyash to CMC(Regular)	0	0	0	0	0.0	0.0	0
12	Percentage of Flyash to BMC (E-auction)	8.8	28.1	79.3	13.9	27.8	17.0	0.0
13	Percentage of Flyash to CMC (E-auction)	68.8	17.6	4.4	80.6	40.3	78.5	80.3
14	Percentage of Flyash to NLC units	4.7	49.2	0.0	0.1	25	0.0	0.0
	Percentage of Flyash to NHAI/DRDA	0.0	49.2	0.0	0.0	0.2	0.0	0.0
15	Total percentage	100	100.00	100.00	100.00	100	100.00	100.00
16	Percentage of Fly Ash sent to Ash pond	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Bottom Ash Details							
a	Bottom Ash Generated for this month	1012	18186	3871	3182	26251	3935	11414
b	Bottom Ash Utilised/NLCI use/Land Back Fill	0	0	0	0.0	0	0	0
18	Bottom Ash sent to Ash Pond	0	0	0	0	0	0	0
a	Bottom Ash sent to Cement & Brick	0	0	0	0	0	0	11414
19	Bottom Ash sent to Mines Filling	1012	18186	3871	3182	26251	3935	0
20	Bottom Ash Utilisation	100%	100%	100%	100%	100%	100%	100%

Note: All the Quantities are in metric tonnes

- 1 Thermal Power Station I Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 17.71 %. Quantity of fly ash sent to the ash pond is Nil.
- 2 Thermal Power Station II: Percentage of dry fly ash issued to the BMCs on regular basis is 5.00 %. Quantity of fly ash sent to the ash pond is Nil.
- 3 Thermal Power Station II Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 7.51 % Quantity of fly ash sent to the ash pond is Nil.
- 4 NNTPS: Percentage of dry fly ash issued to the BMCs on regular basis is 5.42 %. Quantity of fly ash sent to the ash pond is Nil.
- 5 The overall percentage of fly ash issued to the BMCs from all the power stations in Neyveli has been 7.29 %. TPS-I Expr. achieved the highest among all the Thermal Power Stations in Neyveli with 17.71 % followed by TPS II Expr. with 16.30 %.
- 6 The overall bottom ash utilisation in Neyveli Thermal Power Stations is 100%.
- 7 Barsingsar Thermal Power Station: 95.5 % of Fly ash generated has been disposed through e-auction mode to BMCs & CMCs in SEPTEMBER 2022. 4.47% to BMC. The utilization of both fly ash and bottom ash is 100%
- 8 NLC Tamil Nadu Power Limited: Percentage of dry fly ash issued to the BMCs on regular basis is 19.70 %. The utilization of both fly ash and bottom ash is 100%.

Submitted to Director/Power for favour of information

Copy submitted to CGM/Thermal
 Copy submitted to GM/TPS-I Expansion
 Copy submitted to GM/TPS-II
 Copy submitted to CGM/TPS-II Expansion
 Copy submitted to CGM/NNTPS
 Copy submitted to Project Head/Barsingsar Project
 Copy submitted to CEO/NTPL

K. Arivazhagan
 15/9/2022
 K. Arivazhagan

DGM/Civil/TPS-II.
 Nodal Officer/Fly Ash/Thermal

TRUE COPY


NLC INDIA LIMITED

एनएलसी इंडिया लिमिटेड
(formerly Neyveli Lignite Corporation Limited)
(पूर्व में नेवेली लिग्नाइट कॉर्पोरेशन लिमिटेड)
(‘Navratna’ - A Govt. of India Enterprise)
(भारत सरकार का ‘नवरात्न’ उद्यम)



OFFICE OF THE GENERAL MANAGER
THERMAL POWER STATION-I EXPANSION
NEYVELI-607 807
email: gm.tpsIexpn@nclindia.in / Website: nclindia.in

मुख्य महा प्रबन्धक का कार्यालय
ताप विद्युतगृह -1 विस्तार
नेवयेली- 607 807

email: gm.tpsIexpn@nclindia.in / Website: nclindia.in
CIN : L93090TN1956GOI003507

☎ : 04142 -257 941 / Fax : 04142 -257944

Lr. No: TPS - I EXP/Env/FA05/71/2022

Date: 06.10.2022

To
The Member Secretary,
Tamil Nadu Pollution Control Board,
76, Mount Salai, Guindy,
Chennai – 600 032.

Sir,

Sub: NLC India Ltd-TPS-I Expn-Ash Notification - Monthly Report – September 2022- Reg.

With reference to the above, the details of Ash Generation and utilization are furnished in the format annexed for the month of September 2022 for your kind Perusal.

Thanking you,

Yours faithfully,
For NLC India Ltd

[Signature]
07/10/2022
General Manager
TPS-I Expansion

Encl: Annexure

Copy to DEE/TNPCB/Plot No. A3, SIPCOT Industrial Complex, Kudikadu, Cuddalore-607 005

TRUE COPY

Monthly Report on Fly Ash Generation and Disposal by Thermal Power Station - I Expansion			
Report of the month		September-22	
1	Name and Address of the Thermal Power Station :	Thermal Power Station - I Expn, NLC INDIA Ltd, Neyveli	
Accumulated quantity of ash at the start of the month			
a) Fly Ash			
2	i) Kept in the ash dyke	Nil	
	ii) Kept in Silos	0.00	T
	b) Bottom Ash	Nil	
3	Quantity of Lignite used during the month (With Variety and Ash content) :	157760.00	Tonnes
		5.48	%
Disposal of Fly Ash			
i) Fly ash to Cement Factories			
	a) Normal	0.00	T
	b) E Auction	5248.62	T
	Total	5248.62	
ii) Fly ash To Brick Kilns			
	a) Normal	1351.15	T
	b) E Auction	672.85	T
	Total	2024.000	
4	iii) NLC Pre - Casting Yard	0.00	
	iv) Mine-I	0.00	T
	v) Mines IA	0.00	T
	vi) Mines II	0.00	T
	vii) Others-NNTP	0.00	T
	Dry Fly Ash Total :	7272.62	T
Disposal of wet fly Ash			
	a) Dyke rising	0.00	T
	b) Conditioned ash sent to mines for backfilling and NLCIL low laying aea	355.914	T
	wet ash Total :	355.914	
5	Disposal of Bottom Ash :	1012.50	T
	Specify the location of Disposal :	Back filling purpose	
Total Ash Generated during the month			
6	Fly Ash (Dry 7272.62 T+ Wet 355.914 T)	7628.534	T
	Bottom Ash	1012.50	
	Total Ash generated	8641.034	T
Accumulated quantity of ash at the end of the month			
a) Fly Ash			
7	i) Kept in the ash dyke	Nil	T
	ii) Kept in Silos	0.00	T
8	Any other information :		
	Percentage of Ash utilised	100.00%	

al *ok*

TRUE COPY

Office of the Chief General Manager
Thermal Power Station - II (7 x 210 MW)
(An ISO 9001,14001,44001 Certified Power Plant)
NLC India Limited, NEYVELI-7.

Lr.No: TPS-II / PLG/ENV /2005/ T - 77/2022 dated 06-10-2022

To,
Dy.General Manager/Civil, (Nodal officer - Ash),
TPS-II
NLC India Ltd,
Neyveli-607807.

Sir,
Sub: TPS-II (7 x 210 MW) – Fly ash generation and Utilization – monthly report – reg.

The details of Fly ash generation and Utilization for Sep-22 in respect of TPS-II are furnished herewith.

Sl. No	Details	Quantity	Unit	Percentage
1	Quantity of lignite consumption	8,16,476.84	Tonnes	
2	Average Ash content	8.72	%	
3	Total Calculated Ash	71,214	Tonnes	
	a) Dry fly ash	53,028	Tonnes	
	b) Bottom ash	18,186	Tonnes	
4	Fly ash kept in Silo(start of the month)	-	Tonnes	
5	Fly Ash available in RCC Silos incl.stock	53,028	Tonnes	
	a) Fly ash issued to cement companies			
	Regular	-	Tonnes	
	E.auction	9,339	Tonnes	17.61%
	b) Fly ash issued to brick manufacturers			
	Regular	2,652	Tonnes	5.00%
	E.auction	14,926	Tonnes	77.39%
	c) Fly ash used for Ash Dyke raising	26,111	Tonnes	
6	Total Fly ash issued (Cement, Brick & Ash Dyke raising)	53,028	Tonnes	
7	Fly ash kept in Silo(End of the month)	-	Tonnes	
8	Bottom ash sent to low lying areas	18,186	Tonnes	100%
9	Total utilization of Ash (6+8)	71,214	Tonnes	100.00%

The details of the above may be noted for submission of details to various agencies.

Received on
10.10.2022 @ 12 hours

[Signature]
General Manager / TPS-II

[Signature]

TRUE COPY


NLC INDIA LIMITED

(Formerly Neyveli Lignite Corporation Limited)
 "Navratna" - A SSSI of India Enterprise
OFFICE OF THE CHIEF GENERAL MANAGER
 Thermal Power Station-II Expansion
 Neyveli - 607 807
 Cuddalore district Tamil Nadu
 Tele/Fax : 041 42-25715 / 257716
 Email: gm_tps2expn@nclindia.in

एनएलसी इंडिया लिमिटेड

(पूर्व में नेवेली लिग्नाइट कॉर्पोरेशन लिमिटेड)
 भारत सरकार का "नवरात्र" उद्यम
 मुख्य महाप्रबंधक का कार्यालय
 थर्मल पावर स्टेशन - II विस्तार
 नेवेली - 607 807
 कड्डलूर जिला, तमिलनाडु
 टेली फैक्स: 04142-257715 / 257716
 ई-मेल: gm_tps2expn@nclindia.in

75
 Azadi Ka
 Amrit Mahotsav



ISO 9001:2015
 END 14001:2015
 ISO 14001:2015
 CERTIFIED BY IBCS

NABCB
 DM 006
 EM 005
 ERM 007
 OHSMS 007

Lr No: NLCIL - TPS2E / PLG / 5529 / 007 / 149 / 2022-23

Date: 05-10-2022

To

The Nodal Officer (Flyash),
 NLC India Limited, Neyveli-607807.



Sub: TPS-II Expn. - Monthly Report on Fly Ash Generation & Disposal for Sep-22- Reg.

With reference to the above, the report on Fly Ash Generation & Disposal for the month of Sep-2022 respect of Thermal Power Station-II Expansion is enclosed in the Annexure.

[Signature]
 CHIEF GENERAL MANAGER

Thermal Power Station-II Expansion,
 NLC India Limited, Neyveli.

Enclosure: As above

TRUE COPY

ANNEXURE		
Monthly Report on Fly Ash generation and disposal		
Report for the month : September 2022		
01.	Name and Address of the Thermal Power Station	: Thermal Power Station-II Expansion, NLC INDIA Ltd., Neyveli
02.	Quantity of lignite used during the month (with variety and ash content)	: 1,83,705.90 Tons (Lignite)
		: 8.59 % (Ash)
03.	Ash generated during the month	
3.1	Fly Ash	: 11,909.07 Tons
3.2	Bottom Ash	: 3,871.27 Tons
04.	Disposal of Fly Ash	
4.1	To Cement factories (e-Auction)	: 526.05 Tons
4.2	To Brick kilns (Regular)	: 1,940.86 Tons
4.3	To Brick kilns (e-Auction)	: 9,442.16 Tons
4.4	To other Activities (Sent to Mines for Backfilling)	: 0.00 Tons (NLC use)
4.5	Sent to Ash pond (Wet Ash)	: 0.00 Tons
	Total	: 11,909.07 Tons
05.	Bottom Ash	
5.1	Disposed to Ash Pond	: 0.00 Tons
5.1	Reused as bed material in CFBC Boiler	: 2,713.23 Tons
5.1	Disposal of Bottom Ash to Mine-II for Backfilling	: 1,158.04 Tons
	Total	: 3,871.27 Tons
06.	Debris / Contaminated Ash(Bed Ash)	: 0.00 Tons
07.	Any other information	: -

Handwritten signature

TRUE COPY

OFFICE OF THE CHIEF GENERAL MANAGER
NLC INDIA LIMITED: NEYVELI

Lr. No. CGM/NNTPS/ENV/2022-23/27

Date: 07.10.2022

To

The Nodal Officer (Fly Ash),
Addl. Dy. General Manager/Civil,
Thermal Power Station-II,
NLC India Limited, Neyveli.

Sir,

Sub: NNTPS (2 x 500 MW) - Ash Utilization details for the month of
September 2022 - Reg.

The details of ash generation and utilization of Neyveli New Thermal Power
Station (2x500 MW) are furnished in the format annexed for the month of
September 2022 for further process.

B. S. 7/10/22

GENERAL MANAGER/O&M
NNTPS

TRUE COPY

 Monthly Report on Fly Ash Generation and Disposal Neyveli New Thermal Power Station			
Report for the Month of September 2022			
1	Name of Address of the Thermal Power Station	Neyveli New Thermal Power Station NLC INDIA Ltd., Neyveli-607807, Cuddalore District, Tamilnadu.	
Accumulated Quantity of Ash at the Start of the Month (in Tonnes)			
2	a) Fly Ash		
	i) Kept in the Ash Dyke	Nil	
	ii) Kept in Silos	Nil	
	b) Bottom Ash	Nil	
3	Quantity of Lignite used during the month (with Variety and Ash content)	Lignite (Tonnes)	586,164.00
		Ash Content (%)	6.52
Disposal of Fly Ash (in Tonnes)			
i) Fly Ash to Cement Factories			
4	a) Normal	0	
	b) E Auction	28240.67	
	Sub Total	28240.67	
ii) Fly Ash to Brick Kilns			
4	a) Normal	1900.28	
	b) E Auction	4864.58	
	Sub Total	6764.86	
iii) NLC Pre-casting Yard			
4	iv) Mines-I	0	
	v) Mines IA	0	
	vi) Mines II	0	
	vii) Others	0	
	Dry Fly Ash Total	35040.48	
Disposal of Wet Fly Ash (in Tonnes)			
a) Dyke Rising			
b) Conditioned as sent to mines for backfilling and NLCIL Low lying area			
Wet Ash Total			
0.00			
5	Disposal of Bottom Ash	3182.4	
	Location of Disposal	For Mine Filling	
Total Ash Generated during the Month (in Tonnes)			
6	Fly Ash	35040.48	
	Bottom Ash	3182.4	
	Total Ash Generated	38222.88	
Accumulated Quantity of Ash at the End of the Month (in Tonnes)			
7	a) Fly Ash		
	i) Kept in the Ash Dyke	Nil	
	ii) Kept in Silos	Nil	
	b) Bottom Ash	Nil	
Any Other Information			
8	Percentage of Ash Utilized	100%	



TRUE COPY

	NLC INDIA LIMITED "Navratna" - A Govt of India Enterprise / "नवरातना" - भारत सरकार का उपक्रम OFFICE OF THE PROJECT HEAD / BARSINGSAR AND BITHNOK PROJECT परियोजना प्रमुख का कार्यालय / बरसिंगसर एवं बिठनोक परियोजना Barsingsar - 334 402, Bikaner Dist. RAJASTHAN Ph. No. 0151-2847574, Fax No.-0151-2847511 email - phhp@nlcindia.in CIN: L93090TN1956G01003507 / web: www.nlcindia.in	  
	ISO 9001:2015 QMS ISO 14001:2015 EMS ISO 45001:2018 OHSMS ISO 50001:2018 EAMS	

Lr. No: NLCIL-BTPS / PLG/ENV/ 7101 /006/037/ 2022

Date: 06.10.2022

Sub: BTPS-Monthly Report on Ash Generation and Utilization for September-2022-Reg.

The details of Fly Ash and Bottom Ash utilization (in Tonnes) pertaining to BTPS for the month of September-2022 are enclosed.

01. Dry Fly ash Generation	19041.17
To Ash Pond	0.00
Dry Ash Collected in Silo	19041.17
02. To Brick Manufacturing Companies (BMC)	4086.23
(a) On Regular Basis	851.56
(b) On e'Auction Basis	3234.67
03. To Cement Manufacturing Companies (CMC)	14954.94
(a) On Regular Basis	0.00
(b) On e'Auction Basis	14954.94
04. To NLC	0.00
(a) For Internal Use	0.00
(b) For Mines Back Filling	0.00
(c) Bed Ash sent for Mines Back Filling	0.00
05. Total Dry Fly ash Utilised / Disposed	19041.17
(a) On Regular Basis	851.56
(b) On e'Auction Basis	18189.61
06. Dry Fly Ash Utilization / Disposal Percentage (%)	100.00
(a) % of Fly Ash Disposal to BMC (Regular)	4.47
(b) % of Fly Ash Disposal to BMC (e'Auction)	16.99
(c) % of Fly Ash Disposal to CMC (Regular)	0.00
(d) % of Fly Ash Disposal to CMC (e'Auction)	78.54
(e) % of Fly Ash Disposal to NLC	0.00
07. Bottom Ash Generated	3935.34
(a) Bottom Ash Sent to Mines for Back Filling	3935.34
08. Percentage of Bottom Ash Utilised / Disposed	100.00
09. Percentage of Ash Content in Lignite	17.88
10. Lignite consumption	128493.62
11. Total Ash (Dry Fly Ash & Bottom Ash) Generated	22976.51
12. Total Ash (Dry Fly Ash & Bottom Ash) Utilized / Disposed	22976.51
PERCENTAGE OF ASH GENERATION & DISPOSAL	100


 PROJECT HEAD
 BARSINGSAR & BITHNOK PROJECT

To
 The Deputy General Manager/Civil
 Nodal Officer / Fly Ash
 Thermal Power Station-II
 NLC India Ltd, Neyveli
 Email Id : nodalofficer.flyash@nlcindia.in


TRUE COPY



NLC TAMILNADU POWER LIMITED
 (A JVC between NLC India Ltd (Formerly Neyveli Lignite Corporation Ltd)
 & TANGEDCO and a subsidiary of NLC India Ltd)
OFFICE OF THE CHIEF EXECUTIVE OFFICER
 2*500 MW JV Thermal Power Project
 Harbour Estate, Tuticorin-628004
 Fax: 0461-2352480, Phone: 0461-2352844, /CIN: U40102TN2005GOI058050
 E-mail: ceo.ntpl@nclindia.in, Web : www.ntplpower.com

Lr. No.Ash sales/NTPL/Fly ash report/83

05.10.2022

To,
 The Nodal Officer,
 NTPL
 Tuticorin

Sir,

Sub: NTPL- Disposal of Dry fly ash- Monthly report- Sep'22- reg.

The disposal details of dry Fly ash & Bottom ash from NTPL for the month of Sep'2022 are submitted below.

NTPL TUTICORIN		
FLYASH DISPOSAL REPORT FOR THE MONTH OF SEP'22		
S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (Sep'22)	21,379.72
	b) Upto Last month (Aug'22)	10,62,099.32
	c) Cum. Disposal to BMC's on regular basis upto this month	10,83,479.04
2	Disposal to Cement Manufacturing Companies (CMC) & NHAI	
	a) On E-auction/EOI basis, this month (Sep'22)	87,133.66
	b) disposal to CMC's upto last month (Aug'22)	50,19,589.64
	c) Cum. Disposal to CMC's on e-auction basis upto this month	51,06,723.30
3	Fly ash disposed in ash pond for the month of Sep'22	0.00
	Fly ash disposed in ash pond upto month of Aug'22	0.00
	Fly ash disposed in ash pond upto this month	0.00
4	Total Dry Fly ash utilisation in this month (Sep'22)	1,08,513.38
	Total Dry Fly ash utilisation upto last month (Aug'22)	60,81,688.96
	Total Dry Fly ash utilisation	61,90,202.34
5	Percentage of flyash issued to CMC & NHAI for the month of Sep'22	80.30%
6	Percentage of flyash issued to BMC for the month of Sep'22	19.70%
7	Total Percentage	100.00%

TRUE COPY

BOTTOM ASH DISPOSAL REPORT FOR THE MONTH OF SEP'22		
S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (Sep'22)	0.00
	b) Upto Last month (Aug'22)	1,674.22
	c) Cum. Disposal to BMC's on regular basis upto this month [From Apr'18]	1,674.22
2	Disposal to Cement Manufacturing Companies (CMC)	
	a) This month (Sep'22)	12,270.84
	b) disposal to CMC's upto last month (Aug'22)	4,92,472.43
	c) Cum. Disposal to CMC's on regular basis upto this month [From Apr'18]	5,04,743.27
3	Total Bottom ash disposal in this month (Sep'22)	12,270.84
	Total Bottom ash disposal upto last month (Aug'22)	4,94,146.65
	Total Bottom ash disposal [From Apr'18]	5,06,417.49

For NLC Tamilnadu Power Ltd,

Qatun
10/09/22

Sanjay
05/10/22
ACM/CIVIL/NTPL

SA

Annexure 13

Office of The General Manager/TPS-II.
NLC India Ltd.
Neyveli

Report Submitted to Director/Power:

Date: 10.11.2022

Sub.: NLCIL & NTPL - Generation and Disposal of Ash - Monthly Report of October - 2022 - Reg.

The details of Generation and Disposal of Fly Ash & Bottom Ash from our Thermal Power Stations for the Month of October 2022 is submitted below

FLY ASH GENERATION & DISPOSAL FOR October- 2022									
	Details	TPS-I	TPS-II	TPS-II	NNTPS	TOTAL	BTPS	NTPL	
		Exp		Exp					
1	Quantity of Lignite Consumption	265930	696941	197903	625602		162053	-	
a	Average ash content in percentage	8.28	9.38	7.20	6.15		18.03	-	
b	Total Ash generated during the month	22014	65343	10976	35150	133483	22051	130708	
2	Dry Fly Ash Collected During the Month	19324	47836	10976	35150	113286	22051	130708	
a	Dry Fly Ash kept in Silo Start of the month	0	0	0	0	0	0	0	
b	To Ash pond	0	0	0	0	0	0	0	
c	Total Dry Fly Ash collected in Silo	19324	47836	10976	35150	113286	22051	130708	
d	Fly Ash Kept in Silo @ the end of Month	0	0	0	0	0	0	0	
3	Disposal to Brick Manufacturing Companies (BMCs)								
a	On Regular basis	2734	2650	3676	5222	14282	517	29025	
b	On E-auction basis	2085	15054	6359	3930	27428	3836	0	
c	Disposal on regular basis upto last month	14246	29524	15732	20024	79526	0	201601	
d	Disposal on regular basis this month	2734	2650	3676	5222	14282	517	29025	
e	Cum. disposal on regular upto this month	16980	32174	19408	25246	93808	517	230626	
f	Disposal on E-auction upto last month	5823	90788	46293	29425	172329	19666	0	
g	Disposal on E-auction basis this month	2085	15054	6359	3930	27428	3836	0	
h	Cum. disposal on E-auction upto this month	7908	105842	52652	33355	199757	23502	0	
4	Disposal to Cement Manufacturing Companies (CMCs)								
a	On Regular basis, this month	0	0	0	0	0	0	0	
b	On e-auction basis, this month	8864	5113	941	25998	40916	17164	101683	
c	Disposal on regular basis upto last month	0	0	0	0	0	0	0	
d	Disposal on regular basis this month	0	0	0	0	0	0	0	
e	Cum. disposal on regular, upto this month	0	0	0	0	0	0	0	
f	Disposal on E-auction basis upto last month	59555	83647	3592	174128	320922	49901	505992	
g	Disposal on E-auction basis this month	8864	5113	941	25998	40916	17164	101683	
h	Cum. disposal on E-auction basis upto this	68419	88760	4533	200126	361838	67065	607675	
5	Disposal to NLC Units								
a	Conditioned ash sent to mines for backfilling	5641	0	0	0	5641	534	0	
b	To Precasting Yard / NLCIL Units	0	0	0	0	0	0	0	
c	Agriculture use/ others (DRDA& NHAI)/Dyke	0	25019	0	0	25019	0	0	
6	a) NLC Units total	5641	25019	0	0	30660	534	0	
a	NLC Units total upto last month	9783	79352	0	0	89135	0	0	
b	NLC Units total this month	5641	25019	0	0	30660	534	0	
c	NLC Units total upto this month	15424	104371	0	0	119795	534	0	

TRUE COPY

7	Dry Fly Ash Utilisation total (Sl.No. 3 to 6)	19324	47836	10976	35150	113286	22051	130708
8	TOTAL (Regular)	2734	2650	3676	5222	14282	517	29025
9	TOTAL (E-auction)	10949	20167	7300	29928	68344	21000	101683
10	Percentage of Flyash to BMC (Regular)	14.15	5.54	33.49	14.86	12.61	2.34	22.21
11	Percentage of Flyash to CMC(Regular)	0	0	0	0	0.0	0.0	0
12	Percentage of Flyash to BMC (E-auction)	10.8	31.5	57.9	11.2	24.2	17.4	0.0
13	Percentage of Flyash to CMC (E-auction)	45.9	10.7	8.6	74.0	36.1	77.8	77.8
14	Percentage of Flyash to NLC units	29.2	52.3	0.0	0.0	27	2.4	0.0
	Percentage of Flyash to NHAI/DRDA	0.0	52.3	0.0	0.0	0.2	0.0	0.0
15	Total percentage	100.00	100.00	100.00	100.00	100	100.00	100.00
16	Percentage of Fly Ash sent to Ash pond	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Bottom Ash Details							
a	Bottom Ash Generated for this month	2689	17508	3273	3299	26769	7164	9818
b	Bottom Ash Utilised/NLCI use/Land Back Fill	0	0	0	0.0	0	0	0
18	Bottom Ash sent to Ash Pond	0	0	0	0	0	0	0
a	Bottom Ash sent to Cement & Brick	0	0	0	0	0	0	9818
19	Bottom Ash sent to Mines Filling	2689	17508	3273	3299	26769	7164	0
20	Bottom Ash Utilisation	100%	100%	100%	100%	100%	100%	100%

Note: All the Quantities are in metric tonnes

1. Thermal Power Station I Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 14.15 %. Quantity of fly ash sent to the ash pond is Nil.
2. Thermal Power Station II: Percentage of dry fly ash issued to the BMCs on regular basis is 5.54 %. Quantity of fly ash sent to the ash pond is Nil.
3. Thermal Power Station II Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 33.49 % Quantity of fly ash sent to the ash pond is Nil.
4. NNTPS: Percentage of dry fly ash issued to the BMCs on regular basis is 14.86 %. Quantity of fly ash sent to the ash pond is Nil.
5. The overall percentage of fly ash issued to the BMCs from all the power stations in Neyveli has been 12.61%. TPS-II Expn. achieved the highest among all the Thermal Power Stations in Neyveli with 33.49 % followed by NNTPP with 14.86 %.
6. The overall bottom ash utilisation in Neyveli Thermal Power Stations is 100%.
7. Barsingsar Thermal Power Station: 95.2 % of Fly ash generated has been disposed through e-auction mode to BMCs & CMCs in October 2022 and 2.4 % for mines back filling. 77.8 % to CMCs. The utilization of both fly ash and bottom ash is 100%
8. NLC Tamil Nadu Power Limited: Percentage of dry fly ash issued to the BMCs on regular basis is 22.21 %. The utilization of both fly ash and bottom ash is 100%.

Submitted to Director/Power for favour of information

Copy submitted to CGM/Thermal
 Copy submitted to GM/TPS-I Expansion
 Copy submitted to GM/TPS-II
 Copy submitted to CGM/TPS-II Expansion
 Copy submitted to CGM/NNTPS
 Copy submitted to Project Head/Barsingsar Project
 Copy submitted to CEO/NTPL

K. Arivazhagan
 10/12/2022
 K. Arivazhagan
 DGM/Civil/TPS-II.
 Nodal Officer/Fly Ash/Thermal

TRUE COPY



NLC INDIA LIMITED

एनएलसी इंडिया लिमिटेड
(formerly Neyveli Lignite Corporation Limited)
(पूर्व में नेवेली लिग्नाइट कॉर्पोरेशन लिमिटेड)
(Navratha - A Govt. of India Enterprise)
(भारत सरकार का 'नवरात्र' उद्यम)

15
1

OFFICE OF THE GENERAL MANAGER
THERMAL POWER STATION-I EXPANSION
NEYVELI-607 807

email: gm.tps1expn@nclindia.in / Website: nclindia.in

CIN : L93090TN1958GOI003507

मुख्य महा प्रबन्धक का कार्यालय
ताप विद्युतगृह - 1 विस्तार
नेवेली- 607 807

☎ : 04142 - 257 941 / Fax : 04142 - 257944

Lr. No: TPS - I EXP/Env/FA05/76/2022

Date: 02.11.2022

To
The Member Secretary,
Tamil Nadu Pollution Control Board,
76, Mount Salai, Guindy,
Chennai - 600 032.

Sir,

Sub: NLC India Ltd-TPS-I Expn-Ash Notification - Monthly Report - October 2022- Reg.

With reference to the above, the details of Ash Generation and utilization are furnished in the format annexed for the month of October 2022 for your kind Perusal.

Thanking you,

Yours faithfully,
For NLC India Ltd

[Signature]
02/11/2022
General Manager
TPS-I Expansion
GM (UNIT HEAD),
TPS-I Expansion,
NLC India Ltd., NEYVELI-7.

Encl: Annexure

Copy to DEE/TNPCB/Plot No. A3, SIPCOT Industrial Complex, Kudikadu, Cuddalore-607 005

TRUE COPY

Monthly Report on Fly Ash Generation and Disposal by Thermal Power Station - I Expansion			
Report of the month		October-22	
1	Name and Address of the Thermal Power Station ;	Thermal Power Station - I Expn, NLC INDIA Ltd, Neyveli	
Accumulated quantity of ash at the start of the month			
a) Fly Ash			
2	i) Kept in the ash dyke	Nil	
	ii) Kept in Silos	0.00	T
b) Bottom Ash			
		Nil	
3	Quantity of Lignite used during the month (With Variety and Ash content) ;	265930.00 / 8.28 /	Tonnes %
Disposal of Fly Ash			
i) Fly ash to Cement Factories			
	a) Normal	0.00	T
	b) E Auction	8864.12	T
Total		8864.12	
ii) Fly ash To Brick Kilns			
	a) Normal	2734.09	T
	b) E Auction	2084.85	T
Total		4818.940	
4	iii) NLC Pre - Casting Yard	0.00	
	iv) Mine-I	0.00	T
	v) Mines IA	0.00	T
	vi) Mines II	0.00	T
	vii) Others-NNTP	0.00	T
Dry Fly Ash Total		13683.06	T
Disposal of wet fly Ash			
	a) Dyke rising	0.00	T
	b) Conditioned ash sent to mines for backfilling and NLCIL low laying area	5641.376	T
wet ash Total		5641.376	
5	Disposal of Bottom Ash ;	2689.20	T
	Specify the location of Disposal ;	Back filling purpose	
Total Ash Generated during the month			
6	Fly Ash(Dry 13683.06 T+ Wet 5641.376 T)	19324.436	T
	Bottom Ash	2689.20	
Total Ash generated		22013.636	T
Accumulated quantity of ash at the end of the month			
a) Fly Ash			
7	i) Kept in the ash dyke	Nil	T
	ii) Kept in Silos	0.00	T
8	Any other information ;		
	Percentage of Ash utilised	100.00%	

Handwritten signature

TRUE COPY

Office of the Chief General Manager
Thermal Power Station - II (7 x 210 MW)
(An ISO 9001,14001,44001 Certified Power Plant)
NLC India Limited, NEYVELI-7.

Lr.No: TPS-II / PLG/ENV /2005/ T - 84/2022 dated 04-11-2022

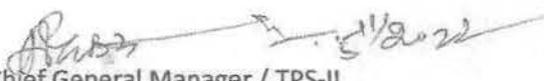
To,
Dy.General Manager/Civil, (Nodal officer - Ash),
TPS-II
NLC India Ltd,
Neyveli-607807.

Sir,
Sub: TPS-II (7 x 210 MW) – Fly ash generation and Utilization – monthly report – reg.

The details of Fly ash generation and Utilization for Oct-22 in respect of TPS-II are furnished herewith.

Sl. No	Details	Quantity	Unit	Percentage
1	Quantity of lignite consumption	6,96,941.18	Tonnes	
2	Average Ash content	9.38	%	
3	Total Calculated Ash	65,343	Tonnes	
	a) Dry fly ash	47,836	Tonnes	
	b) Bottom ash	17,508	Tonnes	
4	Fly ash kept in Silo(start of the month)	-	Tonnes	
5	Fly Ash available in RCC Silos incl.stock	47,836	Tonnes	
	a) Fly ash issued to cement companies			
	Regular	-	Tonnes	
	E.auction	5,113	Tonnes	10.69%
	b) Fly ash issued to brick manufacturers			
	Regular	2,650	Tonnes	5.54%
	E.auction	15,054	Tonnes	83.77%
	c) Fly ash used for Ash Dyke raising	25,019	Tonnes	
6	Total Fly ash issued (Cement, Brick & Ash Dyke raising)	47,836	Tonnes	
7	Fly ash kept in Silo(End of the month)	-	Tonnes	
8	Bottom ash sent to low lying areas	17,508	Tonnes	100%
9	Total utilization of Ash (6+8)	65,343	Tonnes	100.00%

The details of the above may be noted for submission of details to various agencies.


Chief General Manager / TPS-II


TRUE COPY


NLC INDIA LIMITED

(Formerly Neyveli Lignite Corporation Limited)

"Navratna" - A Govt Of India Enterprise

OFFICE OF THE CHIEF GENERAL MANAGER

Thermal Power Station-II Expansion

Neyveli - 607 807

Cuddalore district, Tamilnadu

TeleFax : 04142-257715 / 257716

Email: gm.tps2expn@nclindia.in

एनएलसी इंडिया लिमिटेड

(पूर्व में नेयवेली लिग्नाइट कॉर्पोरेशन लिमिटेड)

भारत सरकार का "नवराज" उद्यम

मुख्य महाप्रबंधक का कार्यालय

ताप विद्युत मूल - II बिस्तार

नेयवेली - 607 807

कडलूर जिला, तमिलनाडु

टेली फैक्स: 04142-257715 / 257716

ई-मेल: gm.tps2expn@nclindia.in


Lr No: NLCIL - TPS2E / PLG / 5529 / 009 / 117/2022-23
Date: 05-11-2022
To

The Nodal Officer (Flyash),

NLC India Limited, Neyveli-607807.


Sub: TPS-II Expn. - Monthly Report on Fly Ash Generation & Disposal - Oct-22- Reg.

With reference to the above, the report on Fly Ash Generation & Disposal for the month of Oct-2022 pertaining to Thermal Power Station-II Expansion is enclosed in the Annexure.

CHIEF GENERAL MANAGER

 Thermal Power Station-II Expansion,
 NLC India Limited, Neyveli.

Enclosure: As above

ANNEXURE			
Monthly Report on Fly Ash generation and disposal			
Report for the month : October 2022			
01.	Name and Address of the Thermal Power Station	:	Thermal Power Station-II Expansion, NLC INDIA Ltd.,Neyveli
02.	Quantity of lignite used during the month (with variety and ash content)	:	1,97,903.00 Tons (Lignite)
		:	7.20 % (Ash)
03.	Ash generated during the month	:	
3.1	Fly Ash	:	10,976.45 Tons
3.2	Bottom Ash	:	3,272.57 Tons
04.	Disposal of Fly Ash	:	
4.1	To Cement factories (e-Auction)	:	940.63 Tons
4.2	To Brick kilns (Regular)	:	3,676.33 Tons
4.3	To Brick kilns (e-Auction)	:	6,359.49 Tons
4.4	To other Activities (Sent to Mines for Backfilling)	:	0.00 Tons (NLC use)
4.5	Sent to Ash pond (Wet Ash)	:	0.00 Tons
	Total	:	10,976.45 Tons
05.	Bottom Ash	:	
5.1	Disposed to Ash Pond	:	0.00 Tons
5.1	Reused as bed material in CFBC Boiler	:	274.69 Tons
5.1	Disposal of Bottom Ash to Mine-II for Backfilling	:	2,997.88 Tons
	Total	:	3,272.57 Tons
06.	Debris / Contaminated Ash(Bed Ash)	:	0.00 Tons
07.	Any other information	:	---

82

TRUE COPY

OFFICE OF THE CHIEF GENERAL MANAGER

NLC INDIA LIMITED: NEYVELI

Lr. No. CGM/NNTPS/ENV/2022-23/31

Date: 04.11.2022

To

The Nodal Officer (Fly Ash),
Addl. Dy. General Manager/Civil,
Thermal Power Station-II,
NLC India Limited, Neyveli.

Sir,

Sub: NNTPS (2 x 500 MW) - Ash Utilization details for the month of October
2022 - Reg.

The details of ash generation and utilization of Neyveli New Thermal Power
Station (2x500 MW) are furnished in the format annexed for the month of October
2022 for further process.

B. S. 
GENERAL MANAGER/O&M
NNTPS

TRUE COPY

 Monthly Report on Fly Ash Generation and Disposal			
Neyveli New Thermal Power Station			
Sr. No.	Report for the Month of October 2022		
1	Name of Address of the Thermal Power Station	Neyveli New Thermal Power Station NLC INDIA Ltd., Neyveli-607807, Cuddalore District, Tamilnadu.	
Accumulated Quantity of Ash at the Start of the Month (in Tonnes)			
2	a) Fly Ash		
	i) Kept in the Ash Dyke	Nil	
	ii) Kept in Silos	Nil	
	b) Bottom Ash	Nil	
3	Quantity of Lignite used during the month (with Variety and Ash content)	Lignite (Tonnes)	625,601.85
		Ash Content (%)	6.15
Disposal of Fly Ash (in Tonnes)			
4	i) Fly Ash to Cement Factories		
	a) Normal	0	
	b) E Auction	25998.09	
	Sub Total	25998.09	
	ii) Fly Ash to Brick Kilns		
	a) Normal	5222.22	
	b) E Auction	3929.77	
	Sub Total	9151.99	
	iii) NLC Pre-casting Yard		
	iv) Mines-I		
	v) Mines IA		
	vi) Mines II		
	vii) Others		
	Dry Fly Ash Total	35150.08	
	Disposal of Wet Fly Ash (in Tonnes)		
a) Dyke Rising			
b) Conditioned as sent to mines for backfilling and NLCIL Low lying area			
Wet Ash Total	0.00		
5	Disposal of Bottom Ash	3299.4	
	Location of Disposal	For Mine Filling	
Total Ash Generated during the Month (in Tonnes)			
6	Fly Ash	35150.08 ✓	
	Bottom Ash	3299.4 ✓	
	Total Ash Generated	38449.48	
Accumulated Quantity of Ash at the End of the Month (in Tonnes)			
7	a) Fly Ash		
	i) Kept in the Ash Dyke	Nil	
	ii) Kept in Silos	Nil	
	b) Bottom Ash	Nil	
8	Any Other Information		
	Percentage of Ash Utilized	100%	

Handwritten signature

TRUE COPY

	NLC INDIA LIMITED "Navratna" - A Govt of India Enterprise / "नवरात्र" - भारत सरकार का उपक्रम OFFICE OF THE GENERAL MANAGER / BARSINGSAR THERMAL POWER STATION महाप्रबंधक का कार्यालय / बरसिंगसर ताप विद्युत संयंत्र Barsingsar - 334 402, Bikaner Dist. RAJASTHAN Ph. No. 0151-2847574, Fax No.-0151-2847511 email - gm_bp@nclindia.in CIN: L93090TN1556G01003507 / web: www.nclindia.in	  
	ISO 9001:2015 OMS ISO 14001:2015 EMS ISO 45001:2018 OHSMS ISO 50001:2018 EnMS	

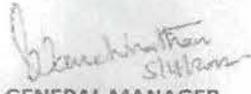
Lr. No: NLCIL-BTPS / PLG/ENV/ 7101 /007/046/ 2022

Date: 04.11.2022

Sub: BTPS-Monthly Report on Ash Generation and Utilization for October-2022-Reg.

The details of Fly Ash and Bottom Ash utilization (in Tonnes) pertaining to BTPS for the month of October-2022 are enclosed.

01. Dry Fly ash Generation	22050.73
To Ash Pond	0.00
Dry Ash Collected in Silo	22050.73
02. To Brick Manufacturing Companies (BMC)	4352.76
(a) On Regular Basis	517.17 ✓
(b) On e'Auction Basis	3835.59 ✓
03. To Cement Manufacturing Companies (CMC)	17163.60
(a) On Regular Basis	0.00
(b) On e'Auction Basis	17163.60 ✓
04. To NLC	534.37
(a) For Internal Use	0.00
(b) For Mines Back Filling	534.37 ✓
(c) Bed Ash sent for Mines Back Filling	0.00
05. Total Dry Fly ash Utilised / Disposed	22050.73 ✓
(a) On Regular Basis	1051.54
(b) On e'Auction Basis	20999.19
06. Dry Fly Ash Utilization / Disposal Percentage (%)	100.00
(a) % of Fly Ash Disposal to BMC (Regular)	2.35
(b) % of Fly Ash Disposal to BMC (e'Auction)	17.39
(c) % of Fly Ash Disposal to CMC (Regular)	0.00
(d) % of Fly Ash Disposal to CMC (e'Auction)	77.84
(e) % of Fly Ash Disposal to NLC	2.42
07. Bottom Ash Generated	7163.79
(a) Bottom Ash Sent to Mines for Back Filling	7163.79
08. Percentage of Bottom Ash Utilised / Disposed	100.00
09. Percentage of Ash Content in Lignite	18.03 ✓
10. Lignite consumption	162052.73 ✓
11. Total Ash (Dry Fly Ash & Bottom Ash) Generated	29214.52
12. Total Ash (Dry Fly Ash & Bottom Ash) Utilized / Disposed	29214.52
PERCENTAGE OF ASH GENERATION & DISPOSAL	100


 GENERAL MANAGER
 BARSINGSAR THERMAL POWER STATION

To
 The Deputy General Manager/Civil
 Nodal Officer / Fly Ash
 Thermal Power Station -II
 NLC India Ltd, Neyveli
 Email Id : nodalofficer.flyash@nclindia.in


TRUE COPY



(A JVC between NLC India Ltd (Formerly Neyveli Lignite Corporation Ltd)
& TANGEDCO and a subsidiary of NLC India Ltd)
OFFICE OF THE CHIEF EXECUTIVE OFFICER
2*500 MW JV Thermal Power Project
Harbour Estate, Tuticorin- 623004
Fax: 0461-2352480, Phone: 0461-2352844, /CIN: 140102TN2005LO0058050
E-mail: ceo.ntpl@nlicindia.in, Web: www.ntplpower.com

135

Lr. No.Ash sales/NTPL/Fly ash report/84

05.11.2022

To,
The Nodal Officer,
NTPL
Tuticorin

Sir,

Sub: NTPL- Disposal of Dry fly ash- Monthly report- Oct'22- reg.

The disposal details of dry Fly ash & Bottom ash from NTPL for the month of Oct'2022 are submitted below.

NTPL TUTICORIN		
FLYASH DISPOSAL REPORT FOR THE MONTH OF OCT'22		
S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (Oct'22)	29,025.64
	b) Upto Last month (Sep'22)	10,83,479.04
	c) Cum. Disposal to BMC's on regular basis upto this month	11,12,504.68
2	Disposal to Cement Manufacturing Companies (CMC) & NHAI	
	a) On E-auction/EOI basis, this month (Oct'22)	1,01,682.76
	b) disposal to CMC's upto last month (Sep'22)	51,06,723.30
	c) Cum. Disposal to CMC's on e-auction basis upto this month	52,08,406.06
3	Fly ash disposed in ash pond for the month of Oct'22	0.00
	Fly ash disposed in ash pond upto month of Sep'22	0.00
	Fly ash disposed in ash pond upto this month	0.00
4	Total Dry Fly ash utilisation in this month (Oct'22)	1,30,708.40
	Total Dry Fly ash utilisation upto last month (Sep'22)	61,90,202.34
	Total Dry Fly ash utilisation	63,20,910.74
5	Percentage of flyash issued to CMC & NHAI for the month of Oct'22	77.79%
6	Percentage of flyash issued to BMC for the month of Oct'22	22.21%
7	Total Percentage	100.00%

BOTTOM ASH DISPOSAL REPORT FOR THE MONTH OF OCT'22		
S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (Oct'22)	0.00
	b) Upto Last month (Sep'22)	1,674.22
	c) Cum. Disposal to BMC's on regular basis upto this month [From Apr'18]	1,674.22
2	Disposal to Cement Manufacturing Companies (CMC)	
	a) This month (Oct'22)	9,818.58
	b) disposal to CMC's upto last month (Sep'22)	5,04,743.27
	c) Cum. Disposal to CMC's on regular basis upto this month [From Apr'18]	5,14,561.85
3	Total Bottom ash disposal in this month (Oct'22)	9,818.58
	Total Bottom ash disposal upto last month (Sep'22)	5,06,417.49
	Total Bottom ash disposal [From Apr'18]	5,16,236.07

136

For NLC Tamilnadu Power Ltd,

Qalyan
retd

Jan Kripa
05/11/22
CM/CIVIL/NTPL

JA

TRUE COPY

Annexure 14

Office of The Chief General Manager/TPS-II.
NLC India Ltd.
Neyveli

Report Submitted to Director/Power:

Date: 17.12.2022

Sub.: NLCIL & NTPL - Generation and Disposal of Ash - Monthly Report of November - 2022 - Reg.

The details of Generation and Disposal of Fly Ash & Bottom Ash from our Thermal Power Stations for the Month of November 2022 is submitted below

FLY ASH GENERATION & DISPOSAL FOR November- 2022								
	Details	TPS-I	TPS-II	TPS-II	NNTPS	TOTAL	BTPS	NTPL
		Exp		Exp				
1	Quantity of Lignite Consumption	289950	596791	88321	591159		131333	-
a	Average ash content in percentage	7.26	10.53	7.40	7.05		11.36	-
b	Total Ash generated during the month	21064	62844	6536	41680	132124	14918	77380
2	Dry Fly Ash Collected During the Month	18366	45580	5394	38529	107869	11913	77380
a	Dry Fly Ash kept in Silo Start of the month	0	0	0	0	0	0	0
b	To Ash pond	0	0	0	0	0	0	0
c	Total Dry Fly Ash collected in Silo	18366	45580	5394	38529	107869	11913	77380
d	Fly Ash Kept in Silo @ the end of Month	0	0	0	0	0	0	0
3	Disposal to Brick Manufacturing Companies (BMCs)							
a	On Regular basis	3190	2827	45	5290	11352	344	0
b	On E-auction basis	2456	13769	5349	6686	28260	3326	0
c	Disposal on regular basis upto last month	16980	32174	19408	25246	93808	517	0
d	Disposal on regular basis this month	3190	2827	45	5290	11352	344	0
e	Cum. disposal on regular upto this month	20170	35001	19453	30536	105160	861	0
f	Disposal on E-auction upto last month	7908	105842	52652	33355	199757	23502	0
g	Disposal on E-auction basis this month	2456	13769	5349	6686	28260	3326	0
h	Cum. disposal on E-auction upto this month	10364	119611	58001	40041	228017	26828	0
4	Disposal to Cement Manufacturing Companies (CMCs)							
a	On Regular basis, this month	0	0	0	0	0	0	0
b	On e-auction basis, this month	10961	3736	0	26553	41250	8243	77380
c	Disposal on regular basis upto last month	0	0	0	0	0	0	0
d	Disposal on regular basis this month	0	0	0	0	0	0	0
e	Cum. disposal on regular, upto this month	0	0	0	0	0	0	0
f	Disposal on E-auction basis upto last month	68419	88760	5394	200126	362699	67065	607675
g	Disposal on E-auction basis this month	10961	3736	0	26553	41250	8243	77380
h	Cum. disposal on E-auction basis upto this	79380	92496	5394	226679	403949	75308	685055
5	Disposal to NLC Units							
a	Conditioned ash sent to mines for backfilling	1759	0	0	0	1759	0	0
b	To Precasting Yard / NLCIL Units	0	0	0	0	0	0	0
c	Agriculture use/ others (DRDA& NHAI)/Dyke	0	25247	0	0	25247	0	0
6 a)	NLC Units total	1759	25247	0	0	27006	0	0
a	NLC Units total upto last month	15424	104371	0	0	119795	0	0
b	NLC Units total this month	1759	25247	0	0	27006	0	0
c	NLC Units total upto this month	17183	129618	0	0	146801	0	0

TRUE COPY

7	Dry Fly Ash Utilisation total (Sl.No. 3 to 6)	18366	45579	5394	38529	107868	11913	77380
8	TOTAL (Regular)	3190	2827	45	5290	11352	344	0
9	TOTAL (E-auction)	13417	17505	5349	33239	69510	11569	77380
10	Percentage of Flyash to BMC (Regular)	17.37	6.20	0.83	13.73	10.52	2.89	0.00
11	Percentage of Flyash to BMC(Regular)	0	0	0	0	0.0	0.0	0
12	Percentage of Flyash to BMC (E-auction)	13.4	30.2	99.2	17.4	26.2	27.9	0.0
13	Percentage of Flyash to CMC (E-auction)	59.7	8.2	0.0	68.9	38.2	69.2	100.0
14	Percentage of Flyash to NLC units	9.6	55.4	0.0	0.0	25	0.0	0.0
	Percentage of Flyash to NHAI/DRDA	0.0	55.4	0.0	0.0	0.2	0.0	0.0
15	Total percentage	100.00	100.00	100.00	100.00	100	100.00	100.00
16	Percentage of Fly Ash sent to Ash pond	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Bottom Ash Details							
a	Bottom Ash Generated for this month	2697	17264	1142	3151	24254	3004	11831
b	Bottom Ash Utilised/NLCI use/Land Back Fill	0	0	0	0.0	0	0	0
18	Bottom Ash sent to Ash Pond	0	0	0	0	0	0	0
a	Bottom Ash sent to Cement & Brick	0	0	0	0	0	0	11831
19	Bottom Ash sent to Mines Filling	2697	17264	1142	3151	24254	3004	0
20	Bottom Ash Utilisation	100%	100%	100%	100%	100%	100%	100%

Note: All the Quantities are in metric tonnes

- 1 Thermal Power Station I Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 17.37 %. Quantity of fly ash sent to the ash pond is Nil.
- 2 Thermal Power Station II: Percentage of dry fly ash issued to the BMCs on regular basis is 6.20 %. Quantity of fly ash sent to the ash pond is Nil.
- 3 Thermal Power Station II Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 0.83 % Quantity of fly ash sent to the ash pond is Nil.
- 4 NNTPS: Percentage of dry fly ash issued to the BMCs on regular basis is 13.73 %. Quantity of fly ash sent to the ash pond is Nil.
- 5 The overall percentage of fly ash issued to the BMCs from all the power stations in Neyveli has been 10.52%. TPS-I Expn. achieved the highest among all the Thermal Power Stations in Neyveli with 17.37 % followed by NNTPP with 13.73 %.
- 6 The overall bottom ash utilisation in Neyveli Thermal Power Stations is 100%.
- 7 Barsingsar Thermal Power Station: 97.10 % of Fly ash generated has been disposed through e-auction mode to BMCs & CMCs in November 2022 and 2.89 % to BMCs. The utilization of both fly ash and bottom ash is 100%
- 8 NLC Tamil Nadu Power Limited: Percentage of dry fly ash issued to the BMCs on regular basis is 0. The utilization of both fly ash and bottom ash is 100%.

Submitted to Director/Power for favour of information

Copy submitted to CGM/Thermal
 Copy submitted to GM/TPS-I Expansion
 Copy submitted to GM/TPS-II
 Copy submitted to CGM/TPS-II Expansion
 Copy submitted to CGM/NNTPS
 Copy submitted to Project Head/Barsingsar Project
 Copy submitted to CEO/NTPL

E. Arivazhagan
 17/12/2022
 K. Arivazhagan
 DGM/Civil/TPS-II.
 Nodal Officer/Fly Ash/Thermal

TRUE COPY

Annexure 15

Office of The Chief General Manager/TPS-II.
NLC India Ltd.
Neyveli

Report Submitted to Director/Power:

Date: 14.01.2023

Sub.: NLCIL & NTPL - Generation and Disposal of Ash - Monthly Report of December - 2022 - Reg.

The details of Generation and Disposal of Fly Ash & Bottom Ash from our Thermal Power Stations for the Month of December 2022 is submitted below

FLY ASH GENERATION & DISPOSAL FOR December- 2022								
	Details	TPS-I	TPS-II	TPS-II	NNTPS	TOTAL	BTPS	NTPL
		Exp		Exp				
1	Quantity of Lignite Consumption	280505	549629	154626	246579		138837	-
a	Average ash content in percentage	7.17	9.07	6.38	5.40		12.84	-
b	Total Ash generated during the month	20119	49870	8171	11610	89770	14719	160239
2	Dry Fly Ash Collected During the Month	17155	36110	8171	11610	73046	14719	160239
a	Dry Fly Ash kept in Silo Start of the month	0	0	0	0	0	0	0
b	To Ash pond	0	0	0	0	0	0	0
c	Total Dry Fly Ash collected in Silo	17155	36110	8171	11610	73046	14719	160239
d	Fly Ash Kept in Silo @ the end of Month	0	0	0	0	0	0	0
3	Disposal to Brick Manufacturing Companies (BMCs)							
a	On Regular basis	2878	2977	0	473	6328	1055	29266
b	On E-auction basis	3129	12819	8018	2712	26678	2592	0
c	Disposal on regular basis upto last month	20170	35001	19453	25246	99870	861	0
d	Disposal on regular basis this month	2878	2977	0	473	6328	1055	29266
e	Cum. disposal on regular upto this month	23048	37978	19453	30536	111015	1916	29266
f	Disposal on E-auction upto last month	10364	119611	58001	40041	228017	26828	0
g	Disposal on E-auction basis this month	3129	12819	8018	2712	26678	2592	0
h	Cum. disposal on E-auction upto this month	13493	132430	66019	42753	254695	29420	0
4	Disposal to Cement Manufacturing Companies (CMCs)							
a	On Regular basis, this month	0	0	0	0	0	200	0
b	On e-auction basis, this month	9488	3573	153	8425	21639	10338	130973
c	Disposal on regular basis upto last month	0	0	0	0	0	0	0
d	Disposal on regular basis this month	0	0	0	0	0	0	0
e	Cum. disposal on regular, upto this month	0	0	0	0	0	0	0
f	Disposal on E-auction basis upto last month	79380	92496	5394	226679	403949	75308	685055
g	Disposal on E-auction basis this month	9488	3573	153	8425	21639	10338	130973
h	Cum. disposal on E-auction basis upto this	88868	96069	5547	235104	425588	85646	816028
5	Disposal to NLC Units							
a	Conditioned ash sent to mines for backfilling	1660	0	0	0	1660	534	0
b	To Precasting Yard / NLCIL Units	0	0	0	0	0	0	0
c	Agriculture use/ others (DRDA& NHAI)/Dyke	0	16740	0	0	16740	0	0
6	a) NLC Units total	1660	16740	0	0	18400	534	0
a	NLC Units total upto last month	17183	129618	0	0	146801	0	0
b	NLC Units total this month	1660	16740	0	0	18400	534	0
c	NLC Units total upto this month	18843	146358	0	0	165201	534	0

TRUE COPY

7	Dry Fly Ash Utilisation total (Sl.No. 3 to 6)	17155	36109	8171	11610	73045	14719	160239
8	TOTAL (Regular)	2878	2977	0	473	6328	1255	29266
9	TOTAL (E-auction)	12617	16392	8171	11137	48317	12930	130973
10	Percentage of Flyash to BMC (Regular)	16.78	8.24	0.00	4.07	8.66	7.17	18.26
11	Percentage of Flyash to CMC(Regular)	0	0	0	0	0.0	1.4	0
12	Percentage of Flyash to BMC (E-auction)	18.2	35.5	98.1	23.4	36.5	17.6	0.0
13	Percentage of Flyash to CMC (E-auction)	55.3	9.9	1.9	72.6	29.6	70.2	81.7
14	Percentage of Flyash to NLC units	9.7	46.4	0.0	0.0	25	3.6	0.0
	Percentage of Flyash to NHA/DRDA	0.0	46.4	0.0	0.0	0.2	0.0	0.0
15	Total percentage	100.00	100.00	100.00	100.00	100	100.00	100.00
16	Percentage of Fly Ash sent to Ash pond	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Bottom Ash Details							
a	Bottom Ash Generated for this month	2965	13760	1694	1700	20119	3108	16824
b	Bottom Ash Utilised/NLCI use/Land Back Fill	0	0	0	0.0	0	0	0
18	Bottom Ash sent to Ash Pond	0	0	0	0	0	0	0
a	Bottom Ash sent to Cement & Brick	0	0	0	0	0	0	16824
19	Bottom Ash sent to Mines Filling	2965	13760	1694	1700	20119	3108	0
20	Bottom Ash Utilisation	100%	100%	100%	100%	100%	100%	100%

Note: All the Quantities are in metric tonnes

- 1 Thermal Power Station I Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 16.78 %. Quantity of fly ash sent to the ash pond is Nil.
- 2 Thermal Power Station II: Percentage of dry fly ash issued to the BMCs on regular basis is 8.24 %. Quantity of fly ash sent to the ash pond is Nil.
- 3 Thermal Power Station II Expansion: Percentage of dry fly ash issued to the BMCs on regular basis is 0.0 % Quantity of fly ash sent to the ash pond is Nil.
- 4 NNTPS: Percentage of dry fly ash issued to the BMCs on regular basis is 4.07 %. Quantity of fly ash sent to the ash pond is Nil.
- 5
The overall percentage of fly ash issued to the BMCs from all the power stations in Neyveli has been 8.66%. TPS-I Expn. achieved the highest among all the Thermal Power Stations in Neyveli with 16.78 % followed by TPS II with 8.24 %.
- 6 The overall bottom ash utilisation in Neyveli Thermal Power Stations is 100%.
- 7 Barsingsar Thermal Power Station: 87.8 % of Fly ash generated has been disposed through e-auction mode to BMCs & CMCs in December 2022 and 8.53 % to BMC & CMCs. The utilization of both fly ash and bottom ash is 100%
- 8 NLC Tamil Nadu Power Limited: Percentage of dry fly ash issued to the BMCs on regular basis is 18.26%. The utilization of both fly ash and bottom ash is 100%.

Submitted to Director/Power for favour of information

Copy submitted to ED/Thermal
 Copy submitted to GM/TPS-I Expansion
 Copy submitted to CGM/TPS-II
 Copy submitted to CGM/TPS-II Expansion
 Copy submitted to CGM/NNTPS
 Copy submitted to Project Head/Barsingsar Project
 Copy submitted to CEO/NTPL

K. Arivazhagan
 14/01/2023
 K. Arivazhagan
 DGM/Civil/TPS-II.
 Nodal Officer/Fly Ash/Thermal

TRUE COPY



NLC INDIA LIMITED
 एनएलसी इंडिया लिमिटेड
 (formerly Neyveli Lignite Corporation Limited)
 (पूर्व में नेयवेली लिग्नाइट कॉर्पोरेशन लिमिटेड)
 ('Navratna' - A Govt. of India Enterprise)
 (भारत सरकार का 'नवराज' उद्यम)



OFFICE OF THE GENERAL MANAGER
 THERMAL POWER STATION-I EXPANSION
 NEYVELI-607 807
 email: gm.tps1expn@nlicindia.in / Website: nlicindia.in

मुख्य महा प्रबन्धक का कार्यालय
 ताप विद्युतगृह -1 विस्तार
 नेयवेली- 607 807

CIN : L93090TN1956G01003507

☎ : 04142 -257 941 / Fax : 04142 -257944

Lr. No: TPS - I EXP/Env/FA05/82/2022

Date: 05.01.2023

To
 The Member Secretary,
 Tamil Nadu Pollution Control Board,
 76, Mount Salai, Guindy,
 Chennai – 600 032.

Sir,

Sub: NLC India Ltd-TPS-I Expn-Ash Notification - Monthly Report – December 2022- Reg.

With reference to the above, the details of Ash Generation and utilization are furnished in the format annexed for the month of December 2022 for your kind Perusal.

Thanking you,

Yours faithfully,
 For NLC India Ltd

[Signature]
 05/01/2023
 General Manager

TPS-I Expansion
 GM (UNIT HEAD),
 TPS-I Expansion,
 NLC India Ltd., NEYVELI-7.

Encl: Annexure

Copy to DEE/TNPCB/Plot No. A3. SIPCOT Industrial Complex, Kudikadu, Cuddalore-607 005

TRUE COPY

Month Report on Fly Ash Generation and Disposal by			
Thermal Power Station - I Expansion			
Report of the month		December-22	
1	Name and Address of the Thermal Power Station :	Thermal Power Station - I Expn, NLC INDIA Ltd, Neyveli	
Accumulated quantity of ash at the start of the month			
a) Fly Ash			
2	i) Kept in the ash dyke	Nil	
	ii) Kept in Silos	0.00	T
	b) Bottom Ash	Nil	
3	Quantity of Lignite used during the month (With Variety and Ash content) :	280504.98 /	Tonnes
		7.17 /	%
Disposal of Fly Ash			
i) Fly ash to Cement Factories			
	a) Normal	0.00	T
	b) E Auction	9488.24 /	T
	Total	9488.24	
ii) Fly ash To Brick Kilns			
	a) Normal	2877.97 /	T
	b) E Auction	3128.39 /	T
	Total	6006.360	
4	iii) NLC Pre - Casting Yard	0.00	
	iv) Mine-I	0.00	T
	v) Mines IA	0.00	T
	vi) Mines II	0.00	T
	vii) Others-XXTP	0.00	T
	Dry Fly Ash Total :	15494.60	T
Disposal of wet fly Ash			
	a) Dyke rising	0.00	T
	b) Conditioned ash sent to mines for backfilling and NLCIL low laying aea	1660.126 /	T
	wet ash Total :	1660.126	
5	Disposal of Bottom Ash :	2964.60	T
	Specify the location of Disposal :	Back filling purpose	
Total Ash Generated during the month			
6	Fly Ash(Dry 15494.6 T+ Wet 1660.126)	17154.726 /	T
	Bottom Ash	2964.60 /	
	Total Ash generated	20119.326 /	T
Accumulated quantity of ash at the end of the month			
a) Fly Ash			
7	i) Kept in the ash dyke	Nil	T
	ii) Kept in Silos	0.00	T
8	Any other information :		
	Percentage of Ash utilised	100.00%	

Handwritten signature
TRUE COPY

Office of the Chief General Manager
Thermal Power Station - II (7 x 210 MW)
(An ISO 9001,14001,44001 Certified Power Plant)
NLC India Limited, NEYVELI-7.

Lr.No: TPS-II / PLG/ENV /2005/ T - 01 /2023 dated 04-01-2023

To,
Dy.General Manager/Civil, (Nodal officer - Ash),
TPS-II
NLC India Ltd,
Neyveli-607807.

Sir,
Sub: TPS-II (7 x 210 MW) – Fly ash generation and Utilization – monthly report – reg.

The details of Fly ash generation and Utilization for Dec-22 in respect of TPS-II are furnished herewith.

Sl. No	Details	Quantity	Unit	Percentage
1	Quantity of lignite consumption	5,49,629.15	Tonnes	
2	Average Ash content	9.07	%	
3	Total Calculated Ash	49,870	Tonnes	
	a) Dry fly ash	36,110	Tonnes	
	b) Bottom ash	13,760	Tonnes	
4	Fly ash kept in Silo(start of the month)	-	Tonnes	
5	Fly Ash available in RCC Silos incl.stock	36,110	Tonnes	
	a) Fly ash issued to cement companies			
	Regular	-	Tonnes	
	E.auction	3,573	Tonnes	9.90%
	b) Fly ash issued to brick manufacturers			
	Regular	2,977	Tonnes	8.24%
	E.auction	12,819	Tonnes	81.86%
	c) Fly ash used for Ash Dyke raising	16,740	Tonnes	
6	Total Fly ash issued (Cement, Brick & Ash Dyke raising)	36,110	Tonnes	
7	Fly ash kept in Silo(End of the month)	-	Tonnes	
8	Bottom ash sent to low lying areas	13,760	Tonnes	100%
9	Total utilization of Ash (6+8)	49,870	Tonnes	100.00%

The details of the above may be noted for submission of details to various agencies.


Chief General Manager / TPS-II



TRUE COPY

**NLC INDIA LIMITED**

(Formerly Neyveli Lignite Corporation Limited)

"Navratna" - A Govt Of India Enterprise

OFFICE OF THE CHIEF GENERAL MANAGER

Thermal Power Station-II Expansion

Neyveli - 607 807

Cuddalore district, Tamilnadu

TeleFax : 04142-257715 / 257716

Email: gm.tps2expn@nlicindia.in

एनएलसी इंडिया लिमिटेड

(पूर्व में नेयवेली लिग्नाइट कॉर्पोरेशन लिमिटेड)

भारत सरकार का "नवरात्र" उद्यम

मुख्य महाप्रबंधक का कार्यालय

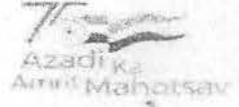
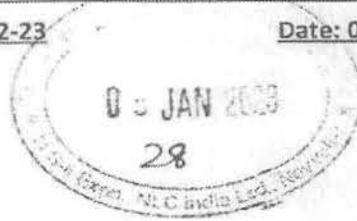
ताप विद्युत गृह - II विस्तार

नेयवेली - 607 807

कड्डलूर जिला, तमिलनाडु

टेली फ़ैक्स: 04142-257715 / 257716

ई-मेल: gm.tps2expn@nlicindia.in

**Lr No: NLCIL - TPS2E / PLG / 5529 / 011 / 235/2022-23****Date: 09-01-2023****To****The Nodal Officer (Flyash),****NLC India Limited, Neyveli-607807.****Sub: TPS-II Expn. - Monthly Report on Fly Ash Generation & Disposal - Dec-22- Reg.**

With reference to the above, the report on Fly Ash Generation & Disposal for the month of Dec-2022 pertaining to Thermal Power Station-II Expansion is enclosed in the Annexure.

Enclosure: As above

CHIEF GENERAL MANAGER
Thermal Power Station-II Expansion,
NLC India Limited, Neyveli.

CHIEF GENERAL MANAGER
Thermal Power Station-II Expn.,
NLC India Limited, Neyveli-607807.

ANNEXURE			
<u>Monthly Report on Fly Ash generation and disposal</u>			
Report for the month : December 2022			
01.	Name and Address of the Thermal Power Station	:	Thermal Power Station-II Expansion, NLC INDIA Ltd.,Neyveli
02.	Quantity of lignite used during the month (with variety and ash content)	:	1,54,626.00 / Tons (Lignite)
		:	6.38 / % (Ash)
03.	Ash generated during the month		
3.1	Fly Ash	:	8,171.41 / Tons
3.2	Bottom Ash	:	1,693.73 Tons
04.	Disposal of Fly Ash		
4.1	To Cement factories (e-Auction)	:	153.37 / Tons
4.2	To Brick kilns (Regular)	:	0.00 Tons
4.3	To Brick kilns (e-Auction)	:	8,018.04 / Tons
4.4	To other Activities (Sent to Mines for Backfilling)	:	0.00 Tons (NLC use)
4.5	Sent to Ash pond (Wet Ash)	:	0.00 Tons
	Total	:	8,171.41 Tons
05.	Bottom Ash		
5.1	Disposed to Ash Pond	:	0.00 Tons
5.1	Reused as bed material in CFBC Boiler	:	40.48 Tons
5.1	Disposal of Bottom Ash to Mine-II for Backfilling	:	1,653.25 Tons
	Total	:	1,693.73 / Tons
06.	Debris / Contaminated Ash(Bed Ash)	:	0.00 Tons
07.	Any other information	:	---




TRUE COPY

OFFICE OF THE CHIEF GENERAL MANAGER

NLC INDIA LIMITED: NEYVELI

Lr. No. CGM/NNTPS/ENV/2022-23/39

Date: 09.01.2023

To

The Nodal Officer (Fly Ash),
Dy. General Manager/Civil,
Thermal Power Station-II,
NLC India Limited, Neyveli.

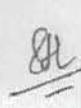
Sub: NNTPS (2 x 500 MW) - Ash Utilization details for the month of December
2022 - Reg.

The details of ash generation and utilization of Neyveli New Thermal Power
Station (2x500 MW) are furnished in the format annexed for the month of December
2022 for further process.

B-S 9/1/23
CHIEF GENERAL MANAGER
NNTPS

TRUE COPY

Monthly Report on Fly Ash Generation and Disposal		
Neyveli New Thermal Power Station		
Report for the Month of December 2022		
1	Name of Address of the Thermal Power Station	Neyveli New Thermal Power Station NLC INDIA Ltd., Neyveli-607807, Cuddalore District, Tamilnadu.
Accumulated Quantity of Ash at the Start of the Month (in Tonnes)		
2	a) Fly Ash	
	i) Kept in the Ash Dyke	Nil
	ii) Kept in Silos	Nil
	b) Bottom Ash	Nil
3	Quantity of Lignite used during the month (with Variety and Ash content)	Lignite (Tonnes) 246,579.49 ✓ Ash Content (%) 5.4 ✓
Disposal of Fly Ash (in Tonnes)		
i) Fly Ash to Cement Factories		
	a) Normal	0
	b) E Auction	8424.25
	Sub Total	8424.25 ✓
ii) Fly Ash to Brick Kilns		
	a) Normal	473.46 ✓
	b) E Auction	2712.06 ✓
	Sub Total	3185.52
iii) NLC Pre-casting Yard		
	iv) Mines-I	0
	v) Mines IA	0
	vi) Mines II	0
	vii) Others	0
	Dry Fly Ash Total	11609.77 ✓
Disposal of Wet Fly Ash (in Tonnes)		
	a) Dyke Rising	0
	b) Conditioned as sent to mines for backfilling and NLCIL Low lying area	0
	Wet Ash Total	0.00
5	Disposal of Bottom Ash	1700.4 ✓
	Location of Disposal	For Mine Filling
Total Ash Generated during the Month (in Tonnes)		
6	Fly Ash	11609.77
	Bottom Ash	1700.4
	Total Ash Generated	13310.17
Accumulated Quantity of Ash at the End of the Month (in Tonnes)		
7	a) Fly Ash	
	i) Kept in the Ash Dyke	Nil
	ii) Kept in Silos	Nil
	b) Bottom Ash	Nil
8	Any Other Information	
	Percentage of Ash Utilized	100%


TRUE COPY

 NLC INDIA <small>CREATING WEALTH FOR WELL BEING</small>	NLC INDIA LIMITED / एनएलसी इंडिया लिमिटेड "Navratna" - A Govt of India Enterprise / "नवरात्ना" - भारत सरकार का उपक्रम OFFICE OF THE PROJECT HEAD / BARSINGSAR AND BITHNOK PROJECT परियोजना प्रमुख का कार्यालय / बरसिंगसर एवं बिठनोक परियोजना Barsingsar - 334 402, Bikaner Dist. RAJASTHAN Ph. No. 0151-2847574, Fax No.-0151-2847511 email - phbp@nlicindia.in CIN: L93090TN1956GOI003507 / web: www.nlicindia.in	 G20 भारत 2023 प्रधानमन्त्री नरेंद्र मोदी PM Narendra Modi
--	---	---

Lr. No: NLCIL-BTPS / PLG/ENV/ 7101 /009/056/ 2023

Date: 05.01.2023

Sub: BTPS-Monthly Report on Ash Generation and Utilization for December-2022-Reg.

The details of Fly Ash and Bottom Ash utilization (in Tonnes) pertaining to BTPS for the month of December-2022 are enclosed.

01. Dry Fly ash Generation	14718.69 ✓
To Ash Pond	0.00
Dry Ash Collected In Silo	14718.69
02. To Brick Manufacturing Companies (BMC)	3647.01
(a) On Regular Basis	1055.27 ✓
(b) On e'Auction Basis	2591.74 ✓
03. To Cement Manufacturing Companies (CMC)	10537.50
(a) On Regular Basis	200.00 ✓
(b) On e'Auction Basis	10337.50 ✓
04. To NLC	534.18
(a) For Internal Use	0.00
(b) For Mines Back Filling	534.18 ✓
(c) Bed Ash sent for Mines Back Filling	0.00
05. Total Dry Fly ash Utilised / Disposed	14718.69
(a) On Regular Basis	1789.45
(b) On e'Auction Basis	12929.24
06. Dry Fly Ash Utilization / Disposal Percentage (%)	100.00
(a) % of Fly Ash Disposal to BMC (Regular)	7.17
(b) % of Fly Ash Disposal to BMC (e'Auction)	17.61
(c) % of Fly Ash Disposal to CMC (Regular)	1.36
(d) % of Fly Ash Disposal to CMC (e'Auction)	70.23
(e) % of Fly Ash Disposal to NLC	3.63
07. Bottom Ash Generated	3107.76 ✓
(a) Bottom Ash Sent to Mines for Back Filling	3107.76
08. Percentage of Bottom Ash Utilised / Disposed	100.00
09. Percentage of Ash Content in Lignite	12.84
10. Lignite consumption	138836.87 ✓
11. Total Ash (Dry Fly Ash & Bottom Ash) Generated	17826.45
12. Total Ash (Dry Fly Ash & Bottom Ash) Utilized / Disposed	17826.45
PERCENTAGE OF ASH GENERATION & DISPOSAL	100



To
 The Deputy General Manager/Civil
 Nodal Officer / Fly Ash
 Thermal Power Station -II
 NLC India Ltd, Neyveli
 Email Id : nodalofficer.flyash@nlicindia.in

PROJECT HEAD
 BARSINGSAR & BITHNOK PROJECT

परियोजना प्रमुख / बरसिंगसर एवं बिठनोक परियोजना
 Project Head / Barsingsar & Bithnok Project
 एनएलसी इंडिया लिमिटेड / NLC India Limited
 (A "Navratna" Govt of India Entp. / भारत सरकार का "नवरात्ना" उपक्रम)
 बरसिंगसर, बीकानेर (राज.) / Barsingsar, Bikaner (Raj.)-334402

SM

TRUE COPY



NLC TAMILNADU POWER LIMITED
 (A JVC between NLC India Ltd (Formerly Neyveli Lignite Corporation Ltd)
 & TANGEDCO and a subsidiary of NLC India Ltd)
OFFICE OF THE CHIEF EXECUTIVE OFFICER
 2*500 MW JV Thermal Power Project
 Harbour Estate, Tuticorin- 628004
 Fax: 0461-2352480, Phone : 0461-2352844, /CIN : U40102TN2005GO1058050
 E-mail: ceo.ntpl@nclindia.in, Web : www.ntplpower.com

Lr. No.Ash sales/NTPL/Fly ash report/86

05.01.2023

To,
 The Nodal Officer,
 NTPL
 Tuticorin

Sir,

Sub: NTPL- Disposal of Dry fly ash- Monthly report- Dec'22- reg.

The disposal details of dry Fly ash & Bottom ash from NTPL for the month of Dec'2022 are submitted below.

NTPL TUTICORIN		
FLY ASH DISPOSAL REPORT FOR THE MONTH OF DEC'22		
S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (Dec'22)	29,265.98
	b) Upto Last month (Nov'22)	11,12,504.68
	c) Cum. Disposal to BMC's on regular basis upto this month	11,41,770.66
2	Disposal to Cement Manufacturing Companies (CMC) & NHAI	
	a) On E-auction/EOI basis, this month (Dec'22)	1,30,973.00
	b) disposal to CMC's upto last month (Nov'22)	52,85,785.52
	c) Cum. Disposal to CMC's on e-auction basis upto this month	54,16,758.52
3	Fly ash disposed in ash dyke for the month of Dec'22	0.00
	Fly ash disposed in ash dyke upto month of Nov'22	0.00
	Fly ash disposed in ash dyke upto this month	0.00
4	Total Dry Fly ash utilisation in this month (Dec'22)	1,60,238.98
	Total Dry Fly ash utilisation upto last month (Nov'22)	63,98,290.20
	Total Dry Fly ash utilisation	65,58,529.18
5	Percentage of flyash issued to CMC & NHAI for the month of Dec'22	81.74%
6	Percentage of flyash issued to BMC for the month of Dec'22	18.26%
7	Total Percentage	100.00%

TRUE COPY

BOTTOM ASH DISPOSAL REPORT FOR THE MONTH OF Dec'22		
S.No	Details	Quantity in MT
1	Disposal to BMC	
	a) disposal to BMC on regular basis in this month (Dec'22)	0.00
	b) Upto Last month (Nov'22)	1,674.22
	c) Cum. Disposal to BMC's on regular basis upto this month [From Apr'18]	1,674.22
2	Disposal to Cement Manufacturing Companies (CMC)	
	a) This month (Dec'22)	16,823.66
	b) disposal to CMC's upto last month (Nov'22)	5,26,392.63
	c) Cum. Disposal to CMC's on regular basis upto this month [From Apr'18]	5,43,216.29
3	Total Bottom ash disposal in this month (Dec'22)	16,823.66
	Total Bottom ash disposal upto last month (Nov'22)	5,28,066.85
	Total Bottom ash disposal [From Apr'18]	5,44,890.51

For NLC Tamilnadu Power Ltd,

[Signature]
050123
CM/CIVIL/NTPL

[Signature]

[Signature]

TRUE COPY

Annexure 16

NLC INDIA Limited, Neyveli				Station : THERMAL POWER STATION 1 EXPANSION Capacity: 2X210 MW						
Name of the Nodal officer: AR/VAZHAGAN, K DGM/Civil THERMAL POWER STATION -II, NLC Limited, Email : nodalofficer.flyash@nlcindia.in Contact number: 04142 252611 Fax number : 04142 257944										
Details of ash utilization during the Month of January 2023										
Sl. No.	Name of Ash Disposal Area	Ash disposal area in Hectare	Design Life of Ash disposal area	Pond Ash Availability in MT (up to 31.01.2023)	Ash Generated in MT during the January 2023		Ash Utilized in MT during January 2023			Pond Ash Availability in MT (up to 31.01.2023)
					ESP Fly Ash	Bottom Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	NA	NA	NA	NA	16664.97	4268.70	13584.29	4268.70	NA	NIL
NA :Not Applicable										
ASH UTILIZATION DETAILS										
Sl. No.	Area of Utilization	For the Month (January 2023) Ash utilized in MT			Cumulative for Year (FY 22-23) Utilized in MT			Ash		
		Dry ESP Fly Ash	Bottom Ash	Pond Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash			
1	Bricks/Blocks/Tiles industries				0	0	0			
1A	Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles industries (Outside)	8696.95			45237.99	0	0			
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)				0	0	0			
1C	Fly Ash issued for Bricks/Blocks/Tiles in Own Plant				0	0	0			
	a) Dry ESP Fly Ash issued				0	0	0			
	b) Pond ash issued				0	0	0			
	Sub-Total	0	0	0	0	0	0			
	Total Fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	8696.95	0	0	45237.99	0	0			
2	Cement Industries									
2A	Dry ESP Fly Ash Issued to Cement Industries									
	a) Cement	4887.34			93756.18	0	0			
	b) RMC				0	0	0			
	c) Asbestos				0	0	0			
	Sub-Total	4887.34	0	0	93756.18	0	0			
2B	Pond Ash Issued to Cement Industries				0	0	0			
	Total Fly Ash Issued to Cement Industries (2A+2B)	4887.34	0	0	93756.18	0	0			
3	Roads, Fly over /Rail Embankment				0	0	0			
3A	Dry ESP Fly Ash Issued for Road construction (Outside)	0	0	0	0	0	0			
3B	Pond Ash Issued for Road construction (Outside)				0	0	0			
	Total Fly Ash Issued for Road Construction (3A+3B)	0	0	0	0	0	0			
4	Total Fly Ash issued for Part replacement of cement in concrete				0	0	0			
5	Total Fly ash supplied to Hydro power sector				0	0	0			
6	Total Fly ash used for Ash Dyke raising	0			0	0	0			
7	Landfill/Reclamation of low lying area									
	a) Power Utility Own Land				0	0	0			
	b) Outside Land				0	0	0			
	Total Fly Ash used for Landfill/Reclamation of low lying area	0	0	0	0	0	0			
8	Mine filling									
	a) Open cast mine	3080.675	4,268.70		21890.128	25,353.00	0			
	b) U.G.Mine				0	0	0			
	Total Fly Ash used for Mine filling	3080.675	4,268.70	0	21890.128	25353	0			
9	Agriculture / waste land development				0	0	0			
9A	Dry ESP Fly Ash Issued for Agriculture / waste land development				0	0	0			
9B	Pond Ash Issued for Agriculture / waste land development				0	0	0			
	Total Fly Ash Issued to Agriculture/ waste land development (9A+9B)	0	0	0	0	0	0			
10	Others				0	0	0			
	a) CLSM				0	0	0			
	b) Cenospheres				0	0	0			
	c) Bottom ash cover				0	0	0			
	d) Any other / Pre casting yard	0			0	0	0			
	Total Fly Ash Issued for other purpose	0	0	0	0	0	0			
	Grand Total	16664.97	4268.7	0	160884.30	25353	0			

Bottom ash -collected from the bottom of furnace
 Dry ESP Fly Ash - Collected from ESP and stored in Silo
 Pond Ash - Fly ash and bottom ash Stored in Pond
 CLSM - Controlled Low strength Material

TRUE COPY

NLC INDIA LIMITED, NEYVELI				Station : THERMAL POWER STATION-II EXPANSION						
				Capacity: (2X250 MW)						
Name of the Nodal officer: K. ARNAZHAGAN (ADGM / Civil)										
THERMAL POWER STATION -I EXPANSION, NLC India Limited										
Email : nodalofficer.flyash@nclindia.in										
Contact number: +91 9443439427										
Details of Ash utilization during the Month of Jan - 2023										
(1)	Name of Ash Disposal Area	Ash disposal area in Hectare	Design Life of Ash disposal area	Pond Ash Availability in LMT at month end	Ash Generated In MT During the month		Ash Utilized in MT During the month			Fly Ash Availability in MT At month end
					ESP Fly Ash	Bottom Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Ash Pond	24.69	10 years (if continuous disposal)	0.55039	4,770.81	700.13	4,770.81	700.13	0	NIL
ASH UTILIZATION DETAILS										
Sl. No.	Area of Utilization	For the Month Ash utilized in MT			Cumulative for Year (FY 22-23) Ash Utilized in MT					
		Dry ESP Fly Ash	Bottom Ash	Ash pumped to pond	Dry ESP Fly Ash	Bottom Ash	Pond Ash Available in Pond			
1	Bricks/Blocks/Tiles industries									
1A	Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles industries (Outside)	4,583.29	0	0	90,027.27	0	0	0	0	0
1B	Pond Ash issued to Bricks/Blocks/Tiles industries (Outside)	0	0	0	0	0	0	0	0	0
1C	Fly Ash issued for Bricks/Blocks/Tiles in Own Plant	0	0	0	0	0	0	0	0	0
	a) Dry ESP Fly Ash issued	0	0	0	0	0	0	0	0	0
	b) Pond ash issued	0	0	0	0	0	0	0	0	0
	Sub Total	0	0	0	0	0	0	0	0	0
	Total fly ash issued to Bricks/Block/Tile Industries (1 A+1B+1C)	4,583.29	0	0	90,027.27	0	0	0	0	0
2	Cement Industries	0	0	0	0	0	0	0	0	0
2A	Dry ESP Fly Ash issued to Cement Industries									
	a) Cement	187.52	0	0	4,873.27	0	0	0	0	0
	b) RMC	0	0	0	0	0	0	0	0	0
	c) Asbestos	0	0	0	0	0	0	0	0	0
	Sub-Total	187.52	0	0	4,873.27	0	0	0	0	0
2B	Pond Ash Issued to Cement Industries	0	0	0	0	0	0	0	0	0
	Total Fly Ash Issued to Cement Industries (2A+2B)	0	0	0	0	0	0	0	0	0
3	Roads, Fly over /Rail Embankment	0	0	0	0	0	0	0	0	0
3A	Dry ESP Fly Ash Issued for Road construction (Outside)	0	0	0	0	0	0	0	0	0
3B	Pond Ash Issued for Road construction (Outside)	0	0	0	0	0	0	0	0	0
	Total Fly Ash Issued for Road Construction (3 A+3B)	0	0	0	0	0	0	0	0	0
4	Total Fly Ash issued for Part replacement of cement in concrete	0	0	0	0	0	0	0	0	0
5	Total Fly ash supplied to Hydro power sector	0	0	0	0	0	0	0	0	0
6	Total Fly ash used for Ash Dyke raising	0	0	0	0	0	0	0	0	0
7	Landfill/Reclamation of low lying area									
	a) Power Utility Own Land				0	0	0	0	0	0
	b)Outside Land				0	0	0	0	0	0

TRUE COPY

	Total Fly Ash used for Landfill/Reclamation of low lying area	0	0	0	0	0	0
8	Mine filling *						
	a) Open cast mine	0	884.47		0	20,626.576	0
	b) U.G. Mine	0	0		0	0	0
	Total Fly Ash used for Mine filling	0	884.47		0	20,626.576	0
9	Agriculture / waste land development	0	0	0	0	0	0
9A	Dry ESP Fly Ash Issued for Agriculture / waste land development	0	0	0	0	0	0
9B	Pond Ash Issued for Agriculture / waste land development	0	0	0	0	0	0
	Total Fly Ash Issued to Agriculture/ waste land development (9A+9B)	0	0	0	0	0	0
10	Others	0	0	0	0	0	0
	a) CLSM	0	0	0	0	0	0
	b) Cenospheres	0	0	0	0	0	0
	c) Bottom ash cover	0	0	0	0	0	0
	d) Any other / Pre casting yard	0	0	0	0	0	0
	e) Reused as bed material in CFBC Boiler	0	15.66	0	0	4,692.908	0
	f) Fly ash sent to Ash Pond as Wet slurry during emergencies	0	0	0	0	0	0
	Total Fly Ash Issued for other purpose	0	15.66	0	0	4,692.908	0
	Grand Total	4,770.81	700.13	0	94,900.54	25,319.484	0

Bottom ash -collected from the bottom of furnace
Dry ESP Fly Ash - Collected from ESP and stored in SLO
Pond Ash - Fly ash and bottom ash stored in Pond
CLSM - Controlled Low strength Material
CFBC - Circulating Fluidized Bed Combustion

TRUE COPY

NLC INDIA Limited, Neyveli				Thermal Power Station-II (Capacity: 1470 MW)						
Details of ash utilization during the Month of Jan-23										
Sl. No.	Name of Ash Disposal Area	Ash disposal area in Hectare	Design Life of Ash disposal area	Ash Generated in MT during the month		Ash Utilized in MT during the month			Fly Ash Available in MT at month end	Pond Ash Available in LMT at month end
				ESP Fly Ash	Bottom Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash		
(1)	(2)	(3)	(4)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Ash pond stage - I (Abandoned)	24.865	completed							
2	Ash pond stage - II	36.61	completed							
3	Interconnection pond	7	completed	37172	13384	37172	13384	308203	0	49.50
4	TPS - 1 E Pond	66	completed							
5	TPS - 1 E Pond - Vertically raised	55	10 yrs							
ASH UTILIZATION DETAILS										
Sl. No.	Area of Utilization	For the Month Ash utilized in MT			Cumulative for Year (FY 22-23) Ash Utilized in MT					
		Dry ESP Fly Ash	Bottom Ash	Pond Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash			
1	Bricks/Blocks/Tiles industries									
1A	Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles industries (Outside)	17931			188341	0	0			
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)	0		0	0	0	0			
1C	Fly Ash issued for Bricks/Blocks/Tiles in Own Plant				0	0	0			
	a) Dry ESP Fly Ash issued	0			0	0	0			
	b) Pond ash issued	0			0	0	0			
	Sub-Total	0		0	0	0	0			
	Total Ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	17931		0	188341	0	0			
2	Cement Industries									
2A	Dry ESP Fly Ash Issued to Cement Industries									
	a) Cement	3476			99544	0	0			
	b) RMC	0			0	0	0			
	c) Asbestos	0			0	0	0			
	Sub-Total	3476			99544	0	0			
2B	Pond Ash Issued to Cement Industries	0		13127	0	0	118298			
	Total Ash Issued to Cement Industries (2A+2B)	3476		13127	99544	0	118298			
3	Roads, Fly over /Rail Embankment									
3A	Dry ESP Fly Ash Issued for Road construction (Outside)	0			0	0	0			
3B	Pond Ash Issued for Road construction	0		295076	0	0	2176756			
	Total Ash Issued for Road Construction (3A+3B)	0		295076	0	0	2176756			
4	Total Fly Ash issued for Part replacement of cement in concrete	0			0	0	0			
5	Total Fly ash supplied to Hydro power sector	0			0	0	0			
6	Total Fly ash used for Ash Dyke raising	15765			162304	0	0			
7	Landfill/Reclamation of low lying area				0	0	0			
	a) Power Utility Own Land				0	0	0			
	b) Outside Land				0	0	0			
	Total Ash used for Landfill/Reclamation of low lying area	0	0		0	0	0			
8	Mine filling				0	0	0			
	a) Open cast mine			13384	0	177210	0			
	b) U.G.Mine				0	0	0			
	Total Fly Ash used for Mine filling	0		13384	0	177210	0			
9	Agriculture / waste land development									
9A	Dry ESP Fly Ash Issued for Agriculture / waste land development (Krishi Vigyan Kendra - Tindivanam)				0	0	0			
9B	Pond Ash Issued for Agriculture / waste land development				0	0	0			
	Total Fly Ash Issued to Agriculture/ waste land development (9A+9B)	0		0	0	0	0			
10	Others				0	0	0			
	a) CLSM				0	0	0			
	b) Cenospheres				0	0	0			
	c) Bottom ash cover				0	0	0			
	d) Any other				0	0	0			
	Total Fly Ash Issued for other purpose	0		0	0	0	0			
	Grand Total	37172.41		13383.99	308202.65	450189.63	177209.31			2295053.84

Bottom ash -collected from the bottom of furnace
 Dry ESP Fly Ash - Collected from ESP and stored in Silo
 Pond Ash - Fly ash and bottom ash Stored in Pond
 CLSM - Controlled Low strength Material

TRUE COPY

Name of the Power Utility: Lignite Based Thermal Power Station					Name of the Thermal Power Plant (Capacity in MW) Barsingsar Thermal Power Station (2 x 125 MW) NLC India Limited					
Details of ash utilization during the Month of January 2023										
Sl. No.	Name of Ash Disposal Area	Ash disposal area in Hectare	Design Life of Ash disposal area	Pond Ash Availability in MT (up to 31.12.2022)	Ash Generated in MT during the January 2023		Ash Utilized in MT during January 2023			Pond Ash Availability in MT (up to 31.01.2023)
					ESP Fly Ash	Bottom Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	NA	NA	NA	NA	11796	2362	11796	2362	NA	NIL
NA: Not Applicable										
ASH UTILIZATION DETAILS										
Sl. No.	Area of Utilization	For the Month (January) Ash utilized in MT			Cummulative for Year (FY 2022-23) Ash Utilized in MT					
		Dry ESP Fly Ash	Bottom Ash	Pond Ash	Dry ESP Fly Ash	Bottom Ash	Pond Ash			
1	Bricks/Blocks/Tiles industries									
1A	Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles industries (Outside)	5152.79	0		37971.62	0				
1B	Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)	0	0		0	0				
1C	Fly Ash issued for Bricks/Blocks/Tiles in Own Plant									
	a) Dry ESP Fly Ash issued	0	0		0	0				
	b) Pond ash issued	0	0		0	0				
	Sub-Total	0	0		0	0				
	Total fly ash Issued to Bricks/Block/Tile industries (1A+1B+1C)	5152.79	0		37971.62	0				
2	Cement Industries									
2A	Dry ESP Fly Ash Issued to Cement Industries									
	a) Cement	6643.12	0		92489.14	0				
	b) RMC	0	0		0	0				
	c) Asbestos	0	0		0	0				
	Sub-Total	6643.12	0		92489.14	0				
2B	Pond Ash Issued to Cement Industries	0	0		0	0				
	Total Fly Ash Issued to Cement Industries (2A+2B)	6643.12	0		92489.14	0				
3	Roads, Fly over /Rail Embankment									
3A	Dry ESP Fly Ash Issued for Road construction (Outside)	0	0		0	0				
3B	Pond Ash Issued for Road construction (Outside)	0	0		0	0				
	Total Fly Ash Issued for Road Construction (3A+3B)	0	0		0	0				
4	Total Fly Ash issued for Part replacement of cement in concrete	0	0		0	0				
5	Total Fly ash supplied to Hydro power sector	0	0		0	0				
6	Total Fly ash used for Ash Dyke raising	0	0		0	0				
7	Landfill/Reclamation of low lying area									
	a) Power Utility Own Land	0	0		0	0				
	b)Outside Land	0	0		0	0				
	Total Fly Ash used for Landfill/Reclamation of low lying area	0	0		0	0				
8	Mine filling									
	a) Open cast mine	0.00	2362.07		13402.34	33034.48				
	b) U.G.Mine	0	0		0	0				
	Total Fly Ash used for Mine filling	0.00	2362.07		13402.34	33034.48				
9	Agriculture / waste land development									
9A	Dry ESP Fly Ash Issued for Agriculture / waste land development	0	0		0	0				
9B	Pond Ash Issued for Agriculture / waste land development	0	0		0	0				
	Total Fly Ash Issued to Agriculture/ waste land development (9A+9B)	0	0		0	0				
10	Others									
	a) CLSM	0	0		0	0				
	b) Cenospheres	0	0		0	0				
	c) Bottom ash cover	0	0		0	0				
	d) Any other	0	0		0	0				
	Total Fly Ash Issued for other purpose	0	0		0	0				
	Grand Total	11795.91	2362.07		143863.10	33034.48				

Bottom ash - Collected from the bottom of furnace

Dry ESP Fly Ash - Collected from ESP and stored in Silo

Pond Ash - Fly ash and bottom ash Stored in Pond

CLSM - Controlled Low strength Material

TRUE COPY