

MINISTRY OF POWER
CENTRAL ELECTRICITY AUTHORITY
THERMAL CIVIL DESIGN DIVISION

Monthly Abstract of Ash Generatin and Utilization

(For the Period from 1st April 2023 to 31st March 2024)

Name of Power Utility: Lalitpur TPS

Name of Thermal Power Plant: Lalitpur Power generation company Limited

Installed Capacity (Total): 3x660 MW

PERIOD OF REPORT- 1st April, 2023 to 31st March 2024

Sl. No.	ASH GENERATION AND UTILIZATION (in LMT)						MODES OF ASH UTILIZATION AND UTILIZATION IN EACH MODE (in LMT)										
	Month	Coal consumed	Ash content of coal	Ash Generation	Ash Utilization	% age Utilization	Fly ash based products viz. bricks, blocks, tiles, fibre cement sheets, pipes, boards, panels;	Cement manufacturing, ready mix concrete;	Construction of road and fly over embankment, Ash and Geo-polymer based construction material;	Construction of dam;	Filling up of low lying area;	Filling of mine voids;	Manufacturing of sintered or cold bonded ash aggregate;	Agriculture in a controlled manner based on soil testing;	Construction of shoreline protection structures in coastal districts;	Export of ash to other countries;	Any other eco-friendly purpose as notified from time to time.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	APRIL-2023	7.03824	38.50	2.71007	2.53650	93.60	0.00643	1.56510	0.00000	0.00000	0.96497	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
2	MAY-2023	7.67587	39.45	3.02798	3.12084	103.07	0.00794	1.72205	0.00000	0.00000	1.39085	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3	JUNE-2023	7.13533	39.06	2.78675	2.97694	106.82	0.00780	1.79382	0.00000	0.00000	1.17532	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4	JULY-2023	5.81599	38.31	2.22786	2.22785	100.00	0.00665	1.47613	0.00000	0.00000	0.74507	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
5	AUGUST-2023	7.23555	37.73	2.73004	2.29250	83.97	0.00848	1.81245	0.00000	0.00000	0.47158	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
6	SEPTEMBER-2023	7.23548	36.85	2.66598	1.97098	73.93	0.00835	1.39594	0.00000	0.00000	0.56669	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
7	OCTOBER-2023	7.40888	37.76	2.79777	3.20047	114.39	0.00698	1.67443	0.00000	0.00000	1.51905	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
8	NOVEMBER-2023	5.44962	38.75	2.11161	2.33930	110.78	0.00649	1.36862	0.00000	0.00000	0.96420	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
9	DECEMBER-2023	5.36749	38.50	2.06633	2.06632	100.00	0.00947	1.35998	0.00000	0.00000	0.69687	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
10	JANUARY-2024	6.38729	38.31	2.44689	2.41719	98.79	0.00721	1.80031	0.00000	0.00000	0.60967	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
11	FEBRUARY-2024	4.86845	37.72	1.83620	2.13658	116.36	0.00835	1.44872	0.00000	0.00000	0.67951	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
12	MARCH2024	5.67313	34.36	1.94904	2.12136	108.84	0.00353	1.67510	0.00000	0.00000	0.44274	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	TOTAL	77.29131	37.98	29.35650	29.40685	100.17	0.08768	19.09265			10.22652						

Note: (i) Ash means all types of ash including Fly Ash, bottom Ash and Pond Ash etc

(ii) Quantity of ash may be provided in Lakh Metric Ton (LMT) upto five decimal places

(iii) Ash utilisation in Column (6) shall be equal to summation of modes of ash utilisation in each mode i.e. summation of column (8) to column (18)

Abbreviations:-

MW-Mega Watt

TPS- Thermal Power Station

KM- Kilometre

LMT- Lakh Metric Tonne

Kcl- Kilocalories