

MINISTRY OF POWER
CENTRAL ELECTRICITY AUTHORITY
THERMAL CIVIL DESIGN DIVISION

Monthly Abstract of Ash Generatin and Utilization

(For the Period from 1st April, 2022 to 31st March, 2023)

Name of Power Utility: Lalitpur TPS

Name of Thermal Power Plant: Lalitpur Power Generation Company Ltd.

Installed Capacity (Total): 3x660 MW

PERIOD OF REPORT- 1st April,2022 to 31st March, 2023

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-2022	7.06909	37.63	2.66026	2.23367	83.96	0.00000	1.71457	0.00000	0.00000	0.51910	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
2	MAY-2022	6.64886	40.23	2.67506	2.11206	78.95	0.00000	1.51242	0.00000	0.00000	0.59964	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3	JUNE-2022	6.49267	38.23	2.48229	2.68545	108.18	0.00000	1.91922	0.00000	0.00000	0.76623	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4	JULY-2022	6.78294	39.24	2.66188	2.63400	98.95	0.00000	2.21307	0.00000	0.00000	0.42093	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
5	AUGUST-2022	7.27366	38.48	2.79882	2.63717	94.22	0.00000	2.14334	0.00000	0.00000	0.49384	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
6	SEPTEMBER-2022	5.77560	36.07	2.08326	2.08316	100.00	0.00000	1.75769	0.00000	0.00000	0.32547	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
7	OCTOBER-2022	4.29982	38.66	1.66244	1.66238	100.00	0.00000	1.32379	0.00000	0.00000	0.33859	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
8	NOVEMBER-2022	4.41726	36.80	1.62577	1.62568	99.99	0.00000	1.31259	0.00000	0.00000	0.31309	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
9	DECEMBER-2022	6.54200	37.55	2.45625	2.74760	111.86	0.00000	1.88314	0.00000	0.00000	0.86447	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
10	JANUARY-2023	4.82385	36.73	1.77157	1.77155	100.00	0.00517	1.48366	0.00000	0.00000	0.28272	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
11	FEBRUARY-2023	4.21586	37.29	1.57222	1.57221	100.00	0.00869	1.25475	0.00000	0.00000	0.30876	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
12	MARCH-2023	6.03202	37.40	2.25572	2.60346	115.42	0.00931	1.31286	0.00000	0.00000	1.28128	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	TOTAL	70.37362	37.95	26.70553	26.36839	98.74	0.02317	19.83111			6.51411						

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