

Comparative statement on Energy Conservation– March-2024

Sl. No.	Description	Consumption in KWH
1	Energy consumption quota fixed by Headquarters for 2023-24	6368583
2	Average monthly quota (Sl.no. (1)/12).	530715
3	Proportionate quota up to the month of March-2024	6368583
4	Consumption for the month March- 2024 (Current year).	638824
5	Consumption for the month of March -2023 (Previous year).	535794
6	% Excess /savings for the month compared with previous year (Sl.no. (4) – Sl.no. (5) / Sl.no (5) x 100).	19
7	% Excess /savings for the month compared with energy quota (Sl.no. (4) – Sl. No. (2) / Sl.no(2) x 100).	20
8	Cumulative consumption up to the month for this year (Up to Feb-24).	7092554
9	Cumulative consumption up to the month for previous year(Up to Jan-23).	6703772
10	% Excess / Savings in cumulative consumption compared with previous year (Sl.no. (8) - Sl.no. (9) / Sl.no. (9) x100).	5.80
11	% Excess /savings in cumulative consumption compared with energy quota (Sl. No.(8) - Sl.no.(3) / Sl.no.(3) x 100).	11.37

Savings due to Solar Systems:-

The total energy generated by the Solar systems of the PGT Division during March-24 is 61459 units and thereby savings achieved is **Rs. 283389/-**

(The cumulative energy generated by the Solar systems of the PGT Division during the current year (2023-24) up to Mar-24 is 600335 **kWh** and Savings achieved is **Rs. 2500361/-**)

Details of solar generation for 2023-24 up to March -2024

Sl. No	Location	Capacity in kWp	Date of commissioning	Net energy generated		Net savings	
				(in kWh)		Achieved (in Rs.)	
				March-24	2023-24	March -24	2023-24
1	PLL stn.	2	26.05.15	210	1199	1533	8561
2	TLY stn.	3	10.12.16	210	1395	1218	4925
3	Div./O/PGT	105	02.03.17 / 26.6.19	14,118	134116	87532	831519
4	RH /PGT	20	02.03.17	2,820	22676	17484	140591
5	CLT stn	100	10.07.19	10,326	124628	26435	319048
6	PGT stn	50	25.09.19	5,622	67507	14392	172818
7	SRR stn	50	25.10.19	2,661	46587	6812	119263
8	CAN stn	50	31.10.19	5,040	58330	12902	149325
9	TLY stn	50	28.10.19	4,796	54760	17697	191162
10	MDDTI	50	05.06.21	5,591	34325	34664	212815
11	PLL	5.2	05.06.22	481	5686	3511	40500
12	LDY	5.2	05.06.22	483	5684	3526	40494
13	CAN stn	70	19.10.23	8981	43442	55682	269340
	TOTAL	560.4		61459	600335	283389	2500361

Savings: LDY, PLL – Rs. 7/- per kWh; MDTI, RH/PGT, Div./O/PGT – Rs. 6.2 per kWh; CLT, PGT Stn, SRR, CAN – Rs. 2/56 per kWh; TLY – Rs. 3.36 per kWh