

Comparative statement on Energy Conservation -April-2024

Sl. No.	Description	Consumption in KWH
1	Energy consumption quota fixed by Headquarters for 2023-24	7276593
2	Average monthly quota (Sl.no. (1)/12).	606383
3	Proportionate quota up to the month of April-2024	606383
4	Consumption for the month April-2024 (Current year).	700734
5	Consumption for the month of April -2023 (Previous year).	652888
6	% Excess /savings for the month compared with previous year (Sl.no. (4) – Sl.no. (5) / Sl.no (5) x 100).	7
7	% Excess /savings for the month compared with energy quota (Sl.no. (4) – Sl. No. (2) / Sl.no(2) x 100).	16
8	Cumulative consumption up to the month for this year (Up to March-24).	700734
9	Cumulative consumption up to the month for previous year(Up to March-23).	652888
10	% Excess / Savings in cumulative consumption compared with previous year (Sl.no. (8) - Sl.no. (9) / Sl.no. (9) x100).	7.33
11	% Excess /savings in cumulative consumption compared with energy quota (Sl. No.(8) - Sl.no.(3) / Sl.no.(3) x 100).	15.56

Savings due to Solar Systems:-

The total energy generated by the Solar systems of the PGT Division during April-24 is **61441** units and thereby savings achieved is **Rs. 283781/-**

(The cumulative energy generated by the Solar systems of the PGT Division during the current year (2024-25) up to April-24 is **61441 kWh** and Savings achieved is **Rs. 283781/-**)

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

Sl. No	Location	Capacity in kWp	Date of commissioning	Net energy generated		Net savings	
				(in kWh)		Achieved (in Rs.)	
				Apr-24	2024-25	Apr-24	2024-25
1	PLL stn.	2	26.05.15	214	214	1562	1562
2	TLY stn.	3	10.12.16	356	356	1314	1314
3	Div./O/PGT	105	02.03.17 / 26.6.19	14,802	14802	91772	91772
4	RH /PGT	20	02.03.17	2,706	2706	16777	16777
5	CLT stn	100	10.07.19	9,417	9417	24108	24108
6	PGT stn	50	25.09.19	5,993	5993	15342	15342
7	SRR stn	50	25.10.19	2,480	2480	6349	6349
8	CAN stn	50	31.10.19	5,262	5262	13471	13471
9	TLY stn	50	28.10.19	5,346	5346	19727	19727
10	MDDTI	50	05.06.21	4,720	4720	29264	29264
11	PLL	5.2	05.06.22	543	543	3964	3964
12	LDY	5.2	05.06.22	545	545	3979	3979
13	CAN stn	70	19.10.23	9057	9057	56153	56153
	TOTAL	560.4		61441	61441	283781	283781

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