

**Comparative statement on Energy Conservation– February-2024**

<b>Sl. No.</b>	<b>Description</b>	<b>Consumption in KWH</b>
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 Feb-2024	5307153
4	Consumption for the month Feb- 2024 (Current year).	648493
5	Consumption for the month of Feb-2023 (Previous year).	551575
6	% Excess /savings for the month compared with previous year (Sl.no. (4) – Sl.no. (5) / Sl.no (5) x 100).	17.6
7	% Excess /savings for the month compared with energy quota (Sl.no. (4) – Sl. No. (2) / Sl.no(2) x 100).	21.3
8	Cumulative consumption up to the month for this year (Up to Feb-24).	6453730
9	Cumulative consumption up to the month for previous year(Up to Jan-23).	6167978
10	% Excess / Savings in cumulative consumption compared with previous year (Sl.no. (8) - Sl.no. (9) / Sl.no. (9) x100).	4.63
11	% Excess /savings in cumulative consumption compared with energy quota (Sl. No.(8) - Sl.no.(3) / Sl.no.(3) x 100).	21.6

### Savings due to Solar Systems:-

The total energy generated by the Solar systems of the PGT Division during Feb-24 is 57962 units and thereby savings achieved is **Rs. 259607/-**

(The cumulative energy generated by the Solar systems of the PGT Division during the current year (2023-24) up to Feb-24 is 538876 kWh and Savings achieved is **Rs. 2216972/-**)

### Details of solar generation for 2023-24 up to Feb -2024

Sl. No	Location	Capacity in kWp	Date of commissioning	Net energy generated		Net savings	
				( in kWh)		Achieved (in Rs.)	
				Feb-24	2023-24	Feb-24	2023-24
1	PLL stn.	2	26.05.15	87	989	635	7028
2	TLY stn.	3	10.12.16	87	1065	321	3707
3	Div./O/PGT	105	02.03.17 / 26.6.19	12,838	119998	79596	743988
4	RH /PGT	20	02.03.17	1,886	19856	11693	123107
5	CLT stn	100	10.07.19	10,043	114302	25710	292613
6	PGT stn	50	25.09.19	5,956	61885	15247	158426
7	SRR stn	50	25.10.19	3,664	43926	9380	112451
8	CAN stn	50	31.10.19	4,773	53290	12219	136422
9	TLY stn	50	28.10.19	4,655	49964	17177	173465
10	MDDTI	50	05.06.21	4,317	28734	26765	178151
11	PLL	5.2	05.06.22	449	5205	3278	36988
12	LDY	5.2	05.06.22	457	5201	3336	36968
13	CAN stn	70	19.10.23	8750	34461	54250	213658
	<b>TOTAL</b>	<b>560.4</b>		<b>57962</b>	<b>538876</b>	<b>259607</b>	<b>2216972</b>

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