

## **SOLAR PV POWER PLANT (50 MW) (UNDER OPERATION)**

- THDCIL & Solar Energy Corporation of India (SECI) have signed an MOU on 13.02.2015 for setting up 250 MW Solar PV Projects in India.
- The work of Solar PV Power Plant (50 MW) was awarded to M/s Tata Power Solar System Limited (TPSSL) on 08.08.2019 for “Comprehensive Operation & Maintenance (O&M) for 10 years”.
- The project specification includes installation of 1,65,149 nos. Multi Crystalline Solar PV modules of capacity 355Wp, 360Wp, 365Wp, 400 Wp, 405Wp & 410Wp.
- Project has been commissioned on 31.12.2020 and dedicated to the Nation by Hon’ble Prime Minister on 19.02.2021.
- Total expenditure incurred on the project is ₹ 253.78 Cr.

The Power Purchase Agreement (PPA) was signed between THDCIL and KSEBL on 11.08.2022. This PPA will remain in force for a period of 25 Years w.e.f. 31.12.2020 (Commercial Operation Date of Project) at a Levellized Tariff of ₹ 3.10 per unit.

### **GENERATION:**

S.No.	Years	Generation
		Achievement (MU)
1	2020-21	17.35
2	2021-22	89.11
3	2022-23	94.58
<b>Total Generation</b>		<b>201.04</b>

The detail of generation from 50 MW Solar Power Plant for the current financial year 2023-24 is as under:

S. N.	Month	Target (in MU)	Generation (in MU)
1	Apr'23 to Jun'23	21.50	25.57
2	Jul'23 to Sep'23	18.50	19.20
3	Oct'23 to Dec'23	25.00	24.92
4	Jan'24	10.00	8.65
5	Feb'24	9.32	9.34
<b>Total (up to Feb'24)</b>		<b>84.32</b>	<b>87.68</b>

Cumulative generation during F.Y.2023-24 till Feb'24 is 87.68 MU against the target of 84.32 MU.