

KASARAGOD SOLAR PV POWER PLANT (50 MW), KERALA (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	
4	2023-24	94.32	
5	2024-25	90.81	
Total Generation		386.17	

The details of generation from 50 MW Solar Power Plant for the current F.Y. 2025-26 are as under:

S. N.	Quarter/ Month	Target (in MU)	Generation (in MU)
1	Apr'25 to Jun'25	21.50	21.13
2	Jul'25 to Sep'25	19.00	16.93
3	Oct'25	07.50	07.80
4	Nov'25	08.00	08.65
5	Dec'25	09.00	8.83
Total (up to Dec'25)		65.00	63.34

Cumulative generation during F.Y. 2025 - 26 till Dec'25 is 63.34 MU against the target of 65.00 MU.