

## **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            |
| <b>Total Generation</b> |         | <b>386.17</b>    |

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

| S. N.                       | Month            | Target (in MU) | Generation (in MU) |
|-----------------------------|------------------|----------------|--------------------|
| 1                           | Apr'25 to Jun'25 | 21.50          | 21.13              |
| 2                           | Jul'25           | 5.50           | 4.58               |
| 3                           | Aug'25           | 6.00           | 5.741              |
| <b>Total (up to Aug'25)</b> |                  | <b>33.00</b>   | <b>31.451</b>      |

Cumulative generation during F.Y. 2025 - 26 till Aug'25 is 31.451 MU against the target of 33.00 MU.