

## QUESTIONS AND ANSWERS

### SAREP RFQ-2024-005: Optimum utilisation of Indian Railways (IR) Rooftop Solar (RTS) assets by integrating this with Auxiliary transformer of traction supply

Q1. What is the make and model of solar PV inverter. Does it have a communication interface?

A1.

Make	Model	Communication Interface
Power One	SGTU-103 N	Yes Compatible for GPRS & Wi-Fi

Q2. What is the power of station load and grid connection? Is it 10 kW or 25 kW?

A2.

**Station Load:** Station sanction load is 92.5 KW that includes the residential colony loads as well. The station loads are connected with PSPCL supply while some of the emergency loads like signal, relay room PA systems are connected with emergency panel that is connected with auxiliary transformer of traction supply (25KV)

Q3. Is there energy meter for solar, load, critical load, grid and traction measurement?

A3.

Metering Arrangement at Site		
Solar Meter	Net Meter	Meter for critical load /traction supply
Yes, installed at site	Yes, Provided by PSPCL	Not present

Q4. What is a communication method for inverter and the above meters? protocol MODBUS, IEC and media RS 485 or LAN?

A4.

**Communication Interface:** RS 485/RS 232

Q5. When can we send our engineer for site inspection?

A5. With a prior intimation of at least two days. However, the cost of travel has to be borne by the bidder and cannot be built into their quoted price.