

## 20 MW Solar Power Generation units proposed at Balipara, Tezpur

Name of Project	20 MW Solar Power Generation units proposed at Balipara, Tezpur
Project Location	Balipara, Tezpur
Approx. Project cost	INR 128.74 crores (~USD 31.69 Million)
Employment potential	Direct Employment: 50
Focus sector	Renewable Energy (Solar)
Status of approvals	Land approved for the proposed project
Project contours	<p>Balipara is located 32 km towards west from District head quarter Tezpur, the town is at the border of the Sonitpur District and Nagaon District. Nagaon District is South of Tezpur.</p> <p>State Generating Company (APGCL) to plan &amp; implement power plants so as to have a cumulative generation capacity of 2000 MW by FY 2024-25 and 4000 MW by FY 2034-35</p> <p>Assam has a huge potential of generating power from non-conventional energy sources which largely remains untapped</p> <p>Assam has around 3.4 to 4.6 kWh of solar power potential/sq.m/day and with the estimated number of clear days in the range of 240 to 260, which translate into a solar potential of around 13.76 GW2 to 13.76 GWh.</p>
Connectivity	The proposed area is well connected through roads and railways
Investment Opportunities	Development of the project in PPP model
Proposed Infrastructures	<p>Architectural design and construction of structural works for the main buildings, typical inverter stations, guard and gate buildings, and foundation of PV panels</p> <p>Review and individual design check related to mounting substructure frames of solar panels</p> <p>Design and construction of drainages system, main and service roads</p> <p>Design and installation of MEP systems for main buildings, inverter stations and guard houses including electrical, telecommunications, fire protection, HVAC, and sanitation services</p>
Nodal agency	Assam Power Generation Company Ltd.