

20 MW Solar Power Generation units proposed at CSM campus

| Name of Project | 20 MW Solar Power Generation units proposed at CSM campus |
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| Project Location | CSM campus, Sugar Mill, Cachar District |
| 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>The District of Cachar is located in the southernmost part of Assam. It is bounded on the North by Barali and Jayantia hill ranges, on the South by the state of Mizoram, on the East by the state of Manipur and West by sister districts Hailakandi and Karimganj. The Barak is the main river of the district.</p> <p>State Generating Company (APGCL) plans to 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>Exploit the Renewable Energy potential in the state of Assam and generate 1500 MW of electricity from RE sources 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 panel</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. |