

20 MW Solar Power Generation units proposed at Dhing, Nagaon

| Name of Project | 20 MW Solar Power Generation units proposed at Dhing, Nagaon |
|--------------------------|---|
| Project Location | Dhing, Nagaon |
| Approx. Project cost | INR 128.74 crores (~USD 31.69 Million) |
| Employment potential | Direct employment: 50 |
| Focus sector | Renewable Energy (Solar) |
| Status of approvals | Existing premise of IPAL |
| Project contours | <p>Dhing is located at a distance of around 25 km from Nagaon town. The road from Nagaon town is the main road through which Dhing is connected the town is also connected with Guwahati by a broad-gauge railway track.</p> <p>State Generating Company (APGCL) to plan & 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 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. |