India: Engie Solar Power Project

Project Name
Engie Solar Power Project

Project Number
57072-001

Borrower / Company
- Enren Energy Private Limited

Country / Economy
- India

Location
Gujarat

Type or Modality of Assistance
Approval

<table>
<thead>
<tr>
<th>Approval Number</th>
<th>Facility Fund Source</th>
<th>Amount</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>4445</td>
<td>Loan</td>
<td>Ordinary capital resources</td>
<td>INR 7,350.00 million</td>
</tr>
</tbody>
</table>

Operational Priorities
- OP2: Accelerating progress in gender equality
- OP3: Tackling climate change, building climate and disaster resilience, and enhancing environmental sustainability

Sector / Subsector
- Energy / Renewable energy generation - solar

Gender
Effective gender mainstreaming

Project Sponsor(s)
- Solairedirect Energy India Private Limited

Description
The proceeds of the ADB financing will be utilized to fund the construction and operation of 400 MW(AC) solar-photovoltaic power project in Gujarat, India.

Objectives and Scope
The project is aligned with the government's target of reaching at least 500 gigawatts of non-fossil energy capacity, meeting 50% of India's energy requirements from renewable energy, and reducing the carbon emissions intensity of the economy by 45% by 2030.

Linkage to Country/Regional Strategy
The project is consistent with the following operational priorities (OPs) of Strategy 2030: (i) accelerating progress in gender equality (OP 2); and (ii) tackling climate change, building climate and disaster resilience, and enhancing environmental sustainability.
sustainability (OP 3). It will contribute to ADB's ambition to provide cumulative climate finance of $100 billion during 2019-2030, since the loan will contribute to ADB's support for climate mitigation financing. By promoting stable power supply and increasing the proportion of renewable energy, the project is aligned with pillar 2 (promote climate-resilient green growth by promoting stable power supply and increasing the proportion of renewable energy generation) of ADB's country partnership strategy for India, 2023-2027. The project is also fully aligned with ADB's Energy Policy, prioritizing support for renewable energy development.

**Safeguard Categories**

Environment
B

Involuntary Resettlement
B

Indigenous Peoples
C

**Summary of Environmental and Social Aspects**

**Environmental Aspects**

The project is classified as category B for environment. The initial environmental and social examination (IESE) has identified potential impacts and risks associated with construction activities including dust, noise, soil erosion, impacts to water resources, health and safety, change or loss of terrestrial habitats, increased traffic, hazardous materials, and waste generation. Once the project is operational, potential impacts and risks will primarily be related to health and safety and water resources. These impacts are considered to be site-specific, few if any of them are irreversible, and in most cases, mitigation measures can be designed readily. An environmental and social management plan (ESMP) is being developed to mitigate these impacts and a corrective action plan will be developed to facilitate the project's adherence to ADB's safeguard requirements.

**Involuntary Resettlement**

An environmental and social compliance audit (ESCA) as per ADB SPS was commissioned to review the compliance of ongoing preconstruction activities and land procurement process along with related involuntary resettlement. Per the ESCA, Enren is in the process of acquiring a total of 1,650 acres of land for the project. Approximately 992 acres are private agricultural land being acquired through a long-term lease agreement on a willing lessor and willing lessee basis. The remaining 658 acres are government land parcels which will be allotted by the district administration. Informal land use (wheat farm) and structures (residential structure of a migrant agricultural worker and a cattle trough) have been identified on two to three parcels of government land. Grazing activities have also been observed in the area. As for the land for evacuation infrastructure, the distance between the project site and the existing substation is about 200 meters, requiring no easement rights as the 220kV transmission line runs through government land. A project resettlement and livelihood restoration plan (RLRP) will address involuntary resettlement impacts on the affected people on such government land parcels and will be actioned if these parcels are finally allotted to the project. The RLRP will also address any impacts on landowners (landlessness, impoverishment) who willingly leased their land to the project through
negotiated settlement.

Indigenous Peoples
The ESCA also reviewed the project's potential impacts on Indigenous Peoples. The proposed project area does not fall within the Schedule V areas as designated by the Ministry of Tribal Affairs of the Government of India. Government's allocation of the land to the project will not result in any negative or positive impacts on indigenous peoples or scheduled tribes. Furthermore, the implementation of the project will have no positive or negative impacts on ethnic minorities, scheduled tribes, or Indigenous Peoples.

Stakeholder Communication, Participation, and Consultation
As part of the project's environmental and social management plan (ESMP), a project-level stakeholder engagement plan (SEP) and grievance redress mechanism (GRM) have been developed. Enren and the engineering, procurement, and construction (EPC) contractor will implement these project-specific SEP and GRM on site. Stakeholder engagement and consultations with project-affected people will also be done in relation to the implementation of the LRP.

Contact

Responsible ADB Officer
Agrawal, Keshari Nandan

Responsible ADB Division
Infrastructure Finance Division 1

Responsible ADB Department
Private Sector Operations Department

Timetable for assistance design, processing, and implementation

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concept Clearance</td>
<td>15 Feb 2024</td>
</tr>
<tr>
<td>Credit Committee Meeting</td>
<td>15 Feb 2024</td>
</tr>
<tr>
<td>Approval</td>
<td>18 Apr 2024</td>
</tr>
<tr>
<td>Last PDS Update</td>
<td>18 Apr 2024</td>
</tr>
</tbody>
</table>

Project Page  https://www.adb.org//projects/57072-001/main
Request for Information http://www.adb.org/forms/request-information-form?subject=57072-001

Date Generated  29 May 2024

ADB provides the information contained in this project data sheet (PDS) solely as a resource for its users without any form of assurance. Whilst ADB tries to provide high quality content, the information are provided "as is" without warranty of any kind, either express or implied, including without limitation warranties of merchantability, fitness for a particular purpose, and non-infringement. ADB specifically does not make any warranties or representations as
to the accuracy or completeness of any such information.

Source URL: https://www.adb.org/projects/57072-001/main