



European Investment Bank (EIB)

Luxembourg, 20th November 2018

Environmental and Social Completion Sheet (ESCS)

Overview

Project Name:	INDIA SOLAR POWER–MAHBUBNAGAR SOLAR ENERGY
Project Number:	2017-0293
Country:	India
Project Description:	The project is an allocation under the INDIA SOLAR POWER Framework Loan (2015-0931). The loan will contribute to the financing of a Solar PV plant (100 MW) located in the state of Telangana

Summary of Environmental and Social Assessment at Completion

EIB notes the following key Environmental and Social outcomes at Project Completion.

The project comprises the development, construction and operation of a PV plant, which is being realised at three sites at the villages of Balledupalle (34 MW), Addakal (12 MW) and Mutyalampalle (54 MW) in Mahbubnagar district of Telangana. The sites are located within an area of about 3 km x 6 km. In total, the plant consists of roughly 380,000 PV modules with a unit capacity of 315 Wp. The modules are interconnected to central inverters, which again are grouped and connected to step-up transformers stations, which raise the voltage up to 33 kV. The power is then collected at two 33/220 kV pooling stations at Mutyalampalle and Balledupalle which are connected to the nearest grid substation at Veltloor through a shared overhead line constructed by another PV project.

Following the Banks requirements under the framework loan, the promoter has commissioned an external expert to carry out an Environmental and Social Impact Assessment (ESIA) study and to prepare an Environmental and Social Management Plan (ESMP) for the PV plant and the transmission line. The study concludes that potential negative environmental and social impacts are reduced to minor or negligible through proposed mitigation measures.

At appraisal, the project was deemed acceptable under E&S aspects subject to conditions/undertakings. A comparison between EIB's environmental and social loan conditions/undertakings and corresponding information at project completion stage is provided in the table below.



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Undertakings	Status of fulfilment
Promoter to implement Grievance Redress Mechanisms	Grievance are register and mechanism are implemented.
Promoter to identify, prepare and implement Corporate Social Responsibility (CSR) measures in consultation with the local people over project lifetime	CSR measures have been initiated after consultation with local people; first measures under implementation are the refurbishment of two schools and the construction of water purification plant.
Promoter to ensure sub-contractors compliance with environmental, health and social standards	Health and safety rules at the construction site where implemented and relevant training has been provided.
Promoter to fully implement the mitigation measures specified in the ESMP	Measures are widely implemented and documented, issues addressed were waste management, vehicle inspections, protection against electrocution, health and safety measures including training or control of water consumption.
Promoter to fulfil the Bank's project-specific E&S information and reporting requirements	Fulfilled