



India: Mytrah Wind and Solar Power Development Project

Project Name	Mytrah Wind and Solar Power Development Project		
Project Number	49241-001		
Borrower/Company	Mytrah Aadhya Power Private Limited Mytrah Aakash Power Private Limited Mytrah Vayu (Ravalpalli) Pvt. Limited Mytrah Vayu (Savalsang II) Pvt. Limited Mytrah Vayu (Som) Pvt. Limited Mytrah Vayu (Tungabhadra) Pvt. Limited		
Country	India		
Location			
Approval Number			
Type or Modality of Assistance	Loan	USD 14.00 million	Approved
	Loan	USD 14.00 million	Approved
	Loan	USD 18.00 million	Approved
	Loan	USD 23.00 million	Approved
	Loan	USD 42.00 million	Approved
	Loan	USD 64.00 million	Approved
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth		
Drivers of Change	Private sector development		
Sector / Subsector	Energy - Renewable energy generation - solar - Renewable energy generation - wind		
Gender Equity and Mainstreaming	No gender elements		
Responsible ADB Department	Private Sector Operations Department		
Responsible ADB Division	Infrastructure Finance Division 1		
Responsible ADB Officer	Choudhary, Mayank		
Project Sponsor(s)	Mytrah Energy (India) Limited		
Description	ADB is proposing to provide a direct loan facility of up to \$175 million to a portfolio of special purpose vehicles (SPVs) owned by Mytrah Energy (India) Ltd. (MEIL). ADB's facility will be structured such that a separate loan will be provided to each project SPV on a project finance (limited recourse) basis. The Transaction being financed comprises 476MW of wind projects in four SPVs in Rajasthan, Madhya Pradesh, Andhra Pradesh and Karnataka and 100MW of solar projects in two SPVs in Telangana and Punjab. The six SPVs are: I. Mytrah Vayu (Som) Pvt. Ltd. Nidhi (90.1MW) and Nipaniya (50MW) wind power projects II. Mytrah Vayu (Tungabhadra) Pvt. Ltd. Aspiri (200.7MW) wind power project III. Mytrah Vayu (Ravalpalli) Pvt. Ltd. Ravalpalli (59.8 MW) wind power project IV. Mytrah Vayu (Savalsang II) Pvt. Ltd. - Savalsang (75.6MW) wind power project V. Mytrah Aakash Power Private Limited - KM Pally (50MW) solar power project VI. Mytrah Aadhya Power Private Limited - Mansa (50MW) solar power project		
Objectives and Scope	The objective is to mobilize the private sector financing in climate change mitigation and to prioritize private sector operations in clean and renewable energy. ADB has been providing support for clean energy development to meet growing energy demands in a sustainable manner. The project will also contribute to the bank's operational goal of scaling up private sector development and private sector operations in renewable sector.		

Linkage to Country/Regional Strategy	The project is aligned with ADB's India country partnership strategy, 2013-2017, which calls for investments in renewable energy development. The project is also fully aligned with ADB's Energy Policy. The policy states that support for renewable energy projects will be prioritized and broadened. In 2013, ADB increased its target of clean energy investments to \$2 billion a year from the previous target of \$1 billion a year. As part of its enhanced commitment to finance renewable energy projects, ADB will increase its assistance to renewable energy projects to \$6 billion a year by 2020.
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Safeguard Categories

Environment	B
Involuntary Resettlement	B
Indigenous Peoples	B

Summary of Environmental and Social Aspects

Environmental Aspects	The identified sites are not considered to be along a major fly route for migratory birds and there are no known bat populations in their vicinities. Environmental impacts during construction are generally site-specific and reversible. Potential noise and shadow flicker impacts during operations are expected to be within acceptable limits. An environmental and social audit was completed and appropriate measures to address outstanding compliance issues were put in place.
Involuntary Resettlement	The loan will fund the expansion of the borrower's wind and solar energy project portfolio in six Indian states. The borrower has no recourse to government expropriation for its land needs. Involuntary physical displacement is therefore not possible and all permanent land acquisition is by voluntary sale on a willing-seller willing-buyer basis. Involuntary economic displacement is possible on subprojects where the borrower has long-term leases on government land that is intermittently used by neighboring villagers as seasonal conditions allow. Restrictions on land use due to wind turbine construction and operation are however typically very limited and impacts are managed through the borrower's ESMS. An audit of the ESMS has been conducted and corrective action will be implemented before first disbursement. The revised ESMS will include a Land Acquisition and Resettlement Framework and ensure that any economic displacement will be managed accordance with local law and ADB SPS.
Indigenous Peoples	The borrower's land acquisition procedure includes measures to avoid siting subprojects on land customarily owned or used by Scheduled Tribes (ST). Due diligence for two initial wind subprojects found no distinct and vulnerable ST communities or groups in each subproject impact area. Initial analysis of identified future subprojects shows impacts on ST groups are not expected though this cannot be ruled out in some states. The borrower's ESMS, to be revised before disbursement, will include measures to minimize and manage any potential unanticipated and unavoidable impacts on ST groups. For each subproject, the borrower will conduct an impact assessment and management plans will be implemented by capable personnel.
Stakeholder Communication, Participation, and Consultation	The borrower will manage participation through its enhanced ESMS for subproject related impacts and through its CSR Policy and plans for participatory interventions in the broader subproject impact areas that are part of legislative requirements. The ESMS will include requirements for participatory community engagement in subproject impact identification and mitigation management as well as broader stakeholder engagement requirements regarding information disclosure. CSR activity in subproject impact areas is primarily based on participatory rural appraisal techniques that allow communities to define their needs and develop sustainable solutions that can be supported by the borrower. Both approaches are implemented by independent consultants to the borrower who is responsible for monitoring and reporting on implementation progress to both internal and external stakeholders.

Timetable for assistance design, processing and implementation

Concept Clearance	08 Jun 2015
Due Diligence	19 Aug 2015
Credit Committee Meeting	25 Jan 2016
Approval	22 Mar 2016
Last PDS Update	19 Feb 2016

Project Page	https://www.adb.org/projects/49241-001/main
Request for Information	http://www.adb.org/forms/request-information-form?subject=49241-001
Date Generated	18 April 2017

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