



Myanmar: Accelerated Rural Electrification Project

Project Name	Accelerated Rural Electrification Project	
Project Number	53223-001	
Country	Myanmar	
Project Status	Proposed	
Project Type / Modality of Assistance	Loan	
Source of Funding / Amount	Loan: Accelerated Rural Electrification Project	
	concessional ordinary capital resources lending / Asian Development Fund	US\$ 200.00 million
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth	
Drivers of Change	Governance and capacity development Knowledge solutions Private sector development	
Sector / Subsector	Energy - Electricity transmission and distribution	
Gender Equity and Mainstreaming	Effective gender mainstreaming	
Description	The proposed Accelerated Rural Electrification Project will construct 48 new medium-voltage facilities, including 48 substations of 66/33/11 kilovolts (kV), and 715 kilometers (km) of 66 kV and 438 km of 33 kV distribution lines in Ayeyarwady region, Bago (East) region, Kayin state and Magway region in Myanmar. The project will establish, for the first time, a computerized distribution automation system (DAS) to improve operational efficiency and management of the distribution systems. The project will increase electricity supply to support Myanmar's inclusive and sustainable development and to achieve the country's plan of universal electricity access by 2030 as stated in the Myanmar Sustainable Development Plan 2018 - 2030. It will enable the government to electrify an additional 446,000 households in more than 3,300 villages in these four states and regions. The project is included in the Country Operations Business Plan 2020 - 2022.	
Project Rationale and Linkage to Country/Regional Strategy	The Myanmar Sustainable Development Plan prioritizes (i) reliable and affordable electricity to support economic development and poverty reduction, and (ii) universal electricity access by 2030. However, to realize these objectives, Myanmar must overcome the core developmental problem of the power sector: lack of generating capacity and insufficient and obsolete transmission and distribution infrastructure, essential for reliable and adequate electricity supply to support economic development and poverty reduction.	
Impact	Reliable and affordable electricity supply to support socio-economic development and poverty reduction achieved (Myanmar Sustainable Development Plan 2018 - 2030); and universal electricity access achieved (National Electrification Plan, 2014)	
Outcome	Capacity and operational efficiency of power distribution in central and southern Myanmar increased	
Outputs	New distribution facilities added to the distribution systems in Ayeyarwady, Bago, Kayin and Magway New computerized DAS established and piloted Social and gender inclusive capacity of MOEE and ESE enhanced	
Geographical Location	Ayeyarwady Region, Bago Region, Kayin State, Magway Region	
Safeguard Categories		
Environment		B
Involuntary Resettlement		B
Indigenous Peoples		B
Summary of Environmental and Social Aspects		
Environmental Aspects	Potential environmental impacts are site-specific and in most cases mitigation measures can be readily designed. Environmentally sensitive areas will be avoided in selecting the project locations and alignment.	
Involuntary Resettlement	The project will construct 48 of 66/33/11 kV substations. This may require land acquisition for substations and restrictions in the continued use of landholdings in the substations. However, the size of substation is typically small and based on previous experience, community land is usually available and allocated for distribution substations, which serve communities. Land acquisition will follow ADB policies and requirement. In addition, the project will build distribution lines. Lines will be strung on small poles, which usually along the existing road or around fields. Impacts will be due to construction such as loss of crops and tress, which will be compensated if unavoidable. Construction will be primarily scheduled during off-season. Detailed impacts will be assessed during due diligence process and appropriate resettlement and ethnic ground development plans will be prepared in consultation with the affected people and other stakeholders.	
Indigenous Peoples	The proposed project is not expected to have the potential to directly or indirectly affect the dignity, human rights, livelihood systems, or culture of indigenous peoples. This will be verified during due diligence. If impacts are severe, the categorization will be updated to A.	
Stakeholder Communication, Participation, and Consultation		
During Project Design	An integral part of social safeguards due diligence, consultations will be carried out in the project areas with all communities and ethnic groups. Consultations will be organized at the community level, regional and national government officials, development partners, nongovernmental organizations, and commune- and village- level officials and beneficiaries. A series of focus group discussions will be undertaken as part of the socio-economic analysis.	
During Project Implementation		

Business Opportunities

Consulting Services A total of approximately 62 person-months of consulting services, comprising 37 person-months of international consulting services and 25 person-months of national consulting services will be required for project due diligence covering technical, economic, financial, governance, poverty, social, safeguards, stakeholder communications and gender aspects, including preparation of relevant project documents, which will be financed under the transactional technical assistance (TRTA) facility for Southeast Asia Energy Sector Development, Investment Planning and Capacity Building (TA 9600-REG). All consulting services will be engaged as individual consultants.

Responsible ADB Officer	Duy-Thanh Bui
Responsible ADB Department	Southeast Asia Department
Responsible ADB Division	Energy Division, SERD
Executing Agencies	Ministry of Electricity and Energy No. B-07, Yadana Shwe Pyi St., Zaya Theidi Ward, Nay Pyi Taw

Timetable

Concept Clearance	22 Aug 2019
Fact Finding	04 Feb 2020 to 14 Feb 2020
MRM	15 Apr 2020
Approval	-
Last Review Mission	-
Last PDS Update	22 Aug 2019

Project Page	https://www.adb.org/projects/53223-001/main
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Request for Information	http://www.adb.org/forms/request-information-form?subject=53223-001
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