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Sri Lanka: Power System Reliability Strengthening Project

Project Name	Power System Reliability Strengthening Project	
Project Number	51122-002	
Country	Sri Lanka	
Project Status	Proposed	
Project Type / Modality of Assistance	Loan	
Source of Funding / Amount	Loan: Power System Reliability Strengthening Project	
	Ordinary capital resources US\$ 275.00 millio	on
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth	
Drivers of Change	Governance and capacity development Knowledge solutions	
Sector / Subsector	Energy - Electricity transmission and distribution	
Gender Equity and Mainstreaming	Some gender elements	
Description	The project will focus on system reliability, optimization of existing fault clearance system of the C and LECO network and the settings of the main protection systems. The project will ascertain the performance of existing protection system associated with transmission lines, transformers and generators connected to 220 kV and 132 kV networks and improve efficiency and reliability of the medium-voltage network in the distribution.	ΞB
Project Rationale and Linkage to Country/Regional Strategy		
Impact	Access to clean, reliable and affordable power supply in Sri Lanka increased by 2030 (Sri Lanka Energy Sector Development Plan for a Knowledge Based Economy 2015-2025)	
Outcome	Power system efficiency and reliability improved	

Outputs	 Transmission infrastructure expanded nationwide (CEB) Efficiency and reliability of medium voltage network improved (LECO) Protection systems upgraded (CEB) 	
Geographical Location	Nation-wide, Anuradhapura, Chunnakam, Hambantota, Homagama, Kalawana, Kandy, Kerawalapitiya, Rajagiriya, Tissamaharama, Vavuniya, Victoria Randenigala and Rantambe Sanctuary	

Safeguard Categories	
Environment	В
Involuntary Resettlement	А
Indigenous Peoples	С

Summary of Environmental and Social Aspects

Environmental Aspects

Involuntary Resettlement

Indigenous Peoples

Stakeholder Communication, Participation, and Consultation

During Project Design

During Project Implementation

Business Opportunities

Consulting Services	Two separate consulting firms will be selected for (i) undertaking study on power supply reliability and protection development (Part A), and (ii) conducting project preparatory due diligence (Part B). The TRTA will require total of 58 person-months of consulting services (34 international and 24 national) in the areas of (i) Part A: power system modeling and analysis, power system protection, and power system operation with intermittent renewable (wind and solar) integration, transmission and generation planning and operation, and (ii) Part B: power system engineering, transmission and distribution, economics, financial analysis, environmental and social safeguards, procurement and others.
Procurement	13. Advance contracting will be used for procurement in transmission and distribution subprojects to achieve high level of project readiness. Retroactive financing will be considered to expedite project implementation at government's request. Retroactive financing may be allowed for up to 20% of each loan amount for expenditures incurred prior to loan effectiveness, but no earlier than 12 months before the signing of the loan agreement. The government and the EAs were advised that ADB's approval of retroactive financing in principle does not commit ADB to finance any part of the project.

Responsible ADB Officer	Zhou, Aiming
Responsible ADB Department	South Asia Department
Responsible ADB Division	Energy Division, SARD
Executing Agencies	Ceylon Electricity Board 3rd Floor, G.O.B.A. Bldg. #50,Sir Chittampalam A. Gardiner Mawatha Colombo 02, Sri Lanka Lanka Electricity Company (Private) Ltd. 411 Galle Road Colombo 3 Sri Lanka

Timetable	
Concept Clearance	11 Dec 2017
Fact Finding	15 Nov 2018 to 30 Nov 2018
MRM	15 Jan 2019
Approval	-
Last Review Mission	-
Last PDS Update	25 Sep 2018

Project Page	https://www.adb.org/projects/51122-002/main	
Request for Information	http://www.adb.org/forms/request-information-form?subject=51122-002	
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