



Cambodia: Greater Mekong Subregion Transmission Project

Project Name	Greater Mekong Subregion Transmission Project
Project Number	34390-013
Country	Cambodia
Project Status	Closed
Project Type / Modality of Assistance	Loan
Source of Funding / Amount	Loan 2052-CAM: Greater Mekong Subregion Transmission Project concessional ordinary capital resources lending / Asian Development Fund US\$ 44.30 million
Strategic Agendas	Environmentally sustainable growth Regional integration
Drivers of Change	Governance and capacity development Private sector development
Sector / Subsector	Energy - Electricity transmission and distribution
Gender Equity and Mainstreaming	Some gender elements
Description	
Project Rationale and Linkage to Country/Regional Strategy	
Impact	

Project Outcome

Description of Outcome	
Progress Toward Outcome	<ol style="list-style-type: none"> The Project has achieved the expected outcome of providing sustainable and reliable electricity at affordable prices to consumers in the project towns. Takeo and Phnom Penh have used reliable and cheaper electricity sources from Viet Nam since March and May 2009, respectively. Since the connection of power from Viet Nam commenced, the supply of power in Phnom Penh almost meets the demand compared with major shortages of power before the connection of the lines. The average purchase price of \$0.065 to \$0.07 per kWh of electricity sourced from Viet Nam is cheaper than the average cost of about \$0.17/KWh of power sourced from local diesel generators. Construction of 22 kV distribution lines connecting 22 villages, where about 2,920 families live, was completed. EDC has issued an instruction that allows poor customers to pay connection fees in installments and also offered low-cost, 5-ampere capacity connections to poor customers.

Implementation Progress

Description of Project Outputs	
Status of Implementation Progress (Outputs, Activities, and Issues)	<ol style="list-style-type: none"> Construction of the 230 kV transmission line from the Viet Nam border to the Phnom Penh substation was completed. The power line has been transmitting electrical power from Viet Nam to the Phnom Penh substation since 8 May 2009; 22 kV distribution lines for bulk supply to affected communities living along the transmission route was completed; An environment and resettlement unit was established; Affected people received compensation according to the resettlement plan.
Geographical Location	

Summary of Environmental and Social Aspects

Environmental Aspects The Project has been assessed as falling into environment category B. The construction and operation of the proposed Project did not have any major adverse environmental impacts. A low-impact route has been selected for the transmission line, with an emphasis on avoiding settlements, minimizing line length, and providing easy access to the line for construction and maintenance. The Project did not cause significant involuntary resettlement. It used paddy land for two substations and take over land occupied by productive trees. The impact was minimized by routing the transmission line away from built-up areas.

Involuntary Resettlement A resettlement plan was prepared and implementation of all resettlement activities were completed.

Indigenous Peoples The social analysis shows that all vulnerable groups are Khmer, but not indigenous people.

Stakeholder Communication, Participation, and Consultation

During Project Design A stakeholder analysis was undertaken during the social assessment and has contributed to the resettlement planning process.

During Project Implementation Stakeholder consultations were undertaken during project implementation.

Business Opportunities

Consulting Services The project implementation consultants (PIC) and all other consultants will be recruited and supervised by EDC in accordance with ADB's Guidelines on the Use of Consultants and other arrangements satisfactory to ADB for the engagement of domestic consultants. The PIC will (i) prepare preliminary designs and documents to pre-qualify the bidders and for bidding of the works, (ii) assist with evaluation, (iii) supervise construction, (iv) organize implementation of the Resettlement Plan, and (v) recruit the independent resettlement monitoring organization.

Procurement All procurement financed by ADB will be undertaken in accordance with ADB's Guidelines for Procurement. The major works for the ADB financed portion of the project will be procured from pre-qualified contractors for (i) a turnkey contract for the transmission lines, and (ii) a turnkey contract for the substations at Takeo and West Phnom Penh. Procurement for project components financed by World Bank and NDF will be made under their procurement guidelines.

Responsible Staff

Responsible ADB Officer	Nida, Ouk
Responsible ADB Department	Southeast Asia Department
Responsible ADB Division	Cambodia Resident Mission
Executing Agencies	<i>Electricite Du Cambodge Mr. Chan Sodavath St. 19, Wat Phnom, Daun Penh, Phnom Penh</i>

Timetable

Concept Clearance	-
Fact Finding	-
MRM	-
Approval	-
Last Review Mission	-
PDS Creation Date	16 Oct 2009
Last PDS Update	14 Jul 2011

Loan 2052-CAM

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
15 Dec 2003	10 Nov 2004	25 Mar 2005	31 Dec 2008	31 Dec 2010	09 May 2011

Financing Plan		Loan Utilization			
	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage
Project Cost	68.00	Cumulative Contract Awards			

ADB	44.30	15 Dec 2003	38.37	0.00	99%
Counterpart	23.70	Cumulative Disbursements			
Cofinancing	0.00	15 Dec 2003	38.90	0.00	100%

Status of Covenants

Category	Sector	Safeguards	Social	Financial	Economic	Others
Rating	-	Satisfactory	-	-	-	-

Project Page <https://www.adb.org/projects/34390-013/main>

Request for Information <http://www.adb.org/forms/request-information-form?subject=34390-013>

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