

Implementation Status & Results
South Asia
Nepal-India Electricity Transmission and Trade Project (P115767)

Operation Name: Nepal-India Electricity Transmission and Trade Project (P115767) Project Stage: Implementation Seq.No: 4 Status: ARCHIVED Archive Date: 26-Mar-2013

Product Line: IBRD/IDA Country: South Asia Approval FY: 2011
 Region: SOUTH ASIA Lending Instrument: Specific Investment Loan
 Implementing Agency(ies):

Key Dates

Board Approval Date	21-Jun-2011	Original Closing Date	31-Dec-2016	Planned Mid Term Review Date	Last Archived ISR Date	22-Jul-2012
Effectiveness Date	29-Sep-2011	Revised Closing Date	31-Dec-2016	Actual Mid Term Review Date		

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The development objectives are to: (a) establish cross-border transmission capacity between India and Nepal of about 1000 MW to facilitate electricity trade between the two countries; and, (b) increase the supply of electricity in Nepal by the sustainable import of at least 100 MW.

Has the Project Development Objective been changed since Board Approval of the Project?

Yes No

Component(s)

Component Name	Component Cost
Component A1: Muzaffarpur-Sursand 400 kV Transmission Line (Non-IDA financed)	29.70
Component A2: Dhalkebar-Bhittamod 400 kV Transmission Line (non-IDA financed)	17.90
Component B1: Hetauda-Dhalkebar-Duhabi Transmission Line and Substations	108.60
Component B2: Synchronization of Operation of the Nepal and Indian Grids	10.00
Component C: Technical Advisory Services	11.00

Overall Ratings

	Previous Rating	Current Rating
Progress towards achievement of PDO	Satisfactory	Moderately Satisfactory
Overall Implementation Progress (IP)	Moderately Satisfactory	Moderately Satisfactory
Overall Risk Rating		

Implementation Status Overview

Project implementation pace has dramatically improved. The Bank provided its no objection in December 2012 for NEA to proceed with contract award as recommended in the

consolidated Bid Evaluation Report for Hetauda-Dhalkebar-Inaruwa transmission line procurement. The contract was awarded in early February and construction is set to start soon; the check survey is already in process by a joint team from the contractor and NEA. The contract value of the lowest evaluated responsive bid is US\$52.428 million. The team has discussed possible approaches with NEA to further economize on project construction time as indicated in the Work Plan.

The Owner's Engineer has been mobilized. NEA has recently amended its contract with the Owners' Engineer to include technical support with sub-station design. The Bank team endorses this increase in the scope of work, since sub-station design is on the critical path for NEA construct and to receive power in June 2015.

Activity on preparation for construction of the Nepal portion of Dhalkebar-Muzaffarpur line needs to gain momentum.

Locations

Country	First Administrative Division	Location	Planned	Actual
Nepal	Eastern Region	Udayapur		
Nepal	Eastern Region	Sunsari		
Nepal	Eastern Region	Siraha		
Nepal	Central Region	Sindhuli		
Nepal	Central Region	Sarlahi		
Nepal	Eastern Region	Saptari		
Nepal	Central Region	Rautahat		
Nepal	Central Region	Makwanpur		
Nepal	Central Region	Mahottari		
Nepal	Central Region	Bara		
Nepal	Central Region	Dhanusa		

Results

Project Development Objective Indicators

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Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Cross-Border Transmission Capacity	<input type="checkbox"/>	Number	Value	0.00	0.00	1000.00
			Date	27-May-2011	31-Dec-2012	31-Dec-2016
			Comments	There is some limited cross border trade taking place at low voltages across the border of Bihar and Nepal. However, no transmission level power trade is taking place.	The level is still zero because construction of the line has not yet started.	
Quality of electricity imported from India into Nepal under the PSA	<input type="checkbox"/>	Number	Value	0.00	0.00	744.00
			Date	27-May-2011	31-Dec-2012	31-Dec-2016
			Comments	None so far	None so far because no line exists yet	

Intermediate Results Indicators

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Construction Progress	<input type="checkbox"/>	Text	Value	0		Line operational
			Date	27-May-2011	31-Dec-2012	31-Dec-2016
			Comments		Contract was expected to be awarded in June 2012; there is a seven month delay at present.	
Synchronization of Nepal grid and India grid	<input type="checkbox"/>	Text	Value	No synchronization	No synchronization.	Power system stabilizers installed and systems synchronized
			Date	27-May-2011	31-Dec-2012	31-Dec-2016
			Comments			
Transmission System Master Plan	<input type="checkbox"/>	Text	Value	0		Final Transmission System Master Plan developed.
			Date	27-May-2011	31-Dec-2012	31-Dec-2014
			Comments			
Construction progress	<input type="checkbox"/>	Text	Value	0		Line operational
			Date	27-May-2011	31-Dec-2012	31-Dec-2016
			Comments		Delayed	
Construction progress	<input type="checkbox"/>	Text	Value	0		Line operational

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	Date	27-May-2011	31-Dec-2012	31-Dec-2016
	Comments		Delayed	

Data on Financial Performance (as of 19-Feb-2013)

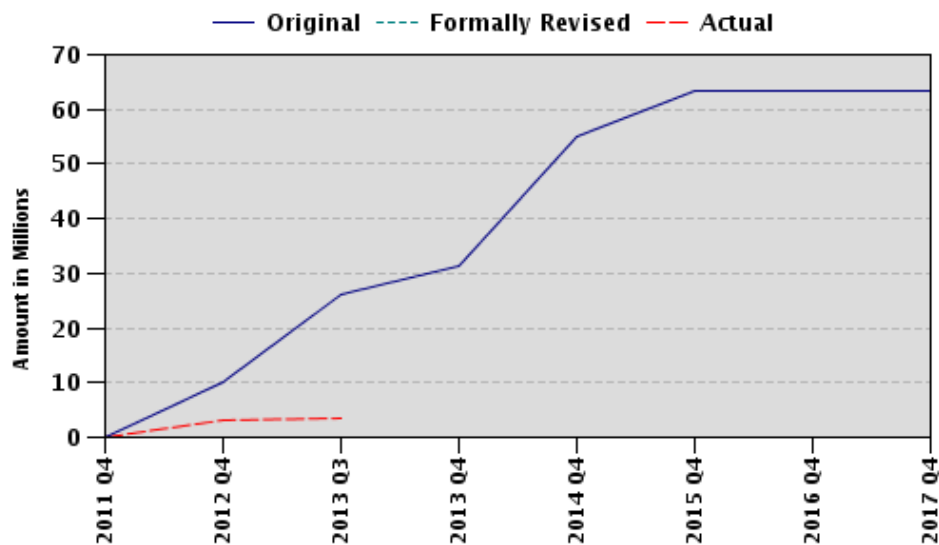
Financial Agreement(s) Key Dates

Project	Ln/Cr/Tf	Status	Approval Date	Signing Date	Effectiveness Date	Original Closing Date	Revised Closing Date
P115767	IDA-49020	Effective	21-Jun-2011	15-Jul-2011	29-Sep-2011	31-Dec-2016	31-Dec-2016
P115767	IDA-H6600	Effective	21-Jun-2011	15-Jul-2011	29-Sep-2011	31-Dec-2016	31-Dec-2016

Disbursements (in Millions)

Project	Ln/Cr/Tf	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P115767	IDA-49020	Effective	XDR	53.80	53.80	0.00	0.00	53.80	0.00
P115767	IDA-H6600	Effective	XDR	9.70	9.70	0.00	3.39	6.31	35.00

Disbursement Graph



Key Decisions Regarding Implementation

NEA will expedite operationalization of PTCN which is the special purpose company responsible for construction of the Nepal portion of the Dhalkebar-Muzaffarpur transmission line for import of power from India to Nepal.

NEA will enter into MOU with ESSD and review its procedures and timelines for securing right of way, forest clearance, and compensatory afforestation as applicable, for all transmission lines owned by NEA.

Restructuring History

There has been no restructuring to date.

Related Projects

P132631-Additional Financing for Nepal-India Electricity Transmission and Trade Project