

# Upper Trishuli 3A Hydroelectric Project

## Identification

Project Title: Upper Trishuli 3A Hydroelectric Project

AMP ID: 872385166

IATI Identifier:

Gender Marker: Indirectly

Climate Change: Highly relevant

Budget Head: 501122

Status: On-Going

Status Reason: EOT 1: 26 months (i.e. June

Budget Type: On Budget

Input:

Output: This is a run of river type of the power generation project identified by NEA in 2004/05. This Project is located in Rasuwa and Nuwakot districts. This has an installed capacity of 60 MW and will generate 460 GWh of annual energy. Major structures comprise of a 25 m high diversion weir, intake, desander, 4.1 km headrace tunnel, surge shaft, inclined shaft, underground powerhouse, tailrace, switchyard, 48 km long 220 Kv transmission line, 4 circuit 1 km 220 Kv underground cabling and ancillary structure.

For the implementation of the Project, the Government of Nepal had requested the Government of People's Republic of China for a financial (Soft Loan) assistance of US\$ 120 million on July 31, 2006. Memorandum of Understanding (MoU) to this effect was signed between Nepal and the Export-Import Bank of China on November 04, 2009 for US\$ 200 million (US\$ 120 million for this project and the remaining portion for other projects).

As per decision of BOD/NEA on Oct. 11, 2009, China Gezhouba Group Company Ltd (CGGC) was selected as the EPC Contractor with a bidding amount of US\$ 89.231692 million (exclusive of VAT). The MoU and Contract Agreement between the Contractor and NEA was concluded on December 29, 2009 and May 28, 2010, respectively. The agreed contract price, excluding VAT, for foreign portion and local portion are US\$ 81.639498 million and NRs. 606.464468, respectively.

Similarly, Financial Proposal of the North West Hydro Consulting Engineers was selected on June 29, 2010 to carry out the construction Supervision works with a sum not exceeding US\$ 4.443926 million.

EIA Report has been approved by the Ministry of Environment on August 26, 2010 and forwarded to China Exim Bank on August 31, 2010.

Commercial Contract Agreement for the construction Supervision works was signed between UT3A HEP and NWH, China on 21.09.2010.

For EPC and Supervision works, the Framework Agreement between the Government of Nepal and the Government the People's Republic of China, and the Government Concessional Loan Agreement between the Government of Nepal and the Export-Import Bank of China were concluded on February 28, 2011. Similarly, a MOU on Transmission Line and Bay Extension was also signed between the Government of Nepal and the Export-Bank of China on May 10, 2011.

Note: As per request made by the Exim Bank of China and recommendation made by the implementing and executing agencies, the Government of Nepal, on May 24,

2010, decided to request the Bank to provide upto the amount of US\$ 8.917790 (10 percent of the Commercial Contract) as contingency in unallocated heading on the Loan Agreement to be concluded, if not, the said amount will be made available by the Government of Nepal in case of requirement. The Bank vide letter August 11, 2010, informed that they are not providing the said contingency amount so requested. 20/09/2010

Outcome:

- Construction of Upper Trishuli 3A Hydropower project (60MW)Completed.
- Kathmandu 220 kV Transmission Line and 132 kV Extension line will be constructed.

Impact:

Additional 60MW made available for the socio-economic development of Nepal.

Treasury Type:

On-treasury

Humanitarian Aid:

No

### Planning

Date of Agreement 2011-02-28

Date of effectiveness 2011-05-18

Proposed Start Date 2011-02-28

Actual Start Date 2011-02-28

Planned Completion Date 2014-08-14

### Location

Location	Percentage
Nuwakot (Bidur)	100.0%

National Plan	
Program	Percentage
[ Hydro Electricity ] [ Water Resources ] [ Infrastructure Development Policy ]	100.0%

Sector	
Sector	Percentage
Nepal Sector Classification ELECTRICITY 0	100.0%

Implementing/Executing Agency	
Donor	
China	0.0%
Responsible Organization	
Ministry of Energy	100.0%
Executing Agency	
Ministry of Energy, Water Resources and Irrigation	100.0%
Implementing Agency	
Nepal Electricity Authority	100.0%

Funding					
Transaction Date	Type of Assistance	Mode of Payment	Post Earthquake Assistance	Commitment	Disbursement
<b>China</b>					
<b>Actual</b>					
2/28/2011	Concessional Loan Assistance	Cash	No	97,307,324	0
6/29/2011	Concessional Loan Assistance	Cash	No	0	18,843,988
7/11/2011	Concessional Loan Assistance	Cash	No	0	13,154,064
8/17/2011	Concessional Loan Assistance	Cash	No	31,934,378	0
<b>UNDISBURSED BALANCE</b>				<b>97,243,649</b>	

Transaction Date	Type of Assistance	Mode of Payment	Post Earthquake Assistance	Commitment	Disbursement
9/27/2011	Concessional Loan Assistance	Cash	No	0	742,678
10/13/2011	Concessional Loan Assistance	Cash	No	0	2,011,764
11/25/2011	Concessional Loan Assistance	Cash	No	0	214,469
1/13/2012	Concessional Loan Assistance	Cash	No	0	1,276,605
2/1/2012	Concessional Loan Assistance	Cash	No	0	652,845
4/10/2012	Concessional Loan Assistance	Cash	No	0	765,387
4/11/2012	Concessional Loan Assistance	Cash	No	0	160,858
4/25/2012	Concessional Loan Assistance	Cash	No	0	1,561
5/25/2012	Concessional Loan Assistance	Cash	No	0	26,766
6/14/2012	Concessional Loan Assistance	Cash	No	0	12,696
7/27/2012	Concessional Loan Assistance	Cash	No	0	1,203,128
8/8/2012	Concessional Loan Assistance	Cash	No	0	55,040
8/20/2012	Concessional Loan Assistance	Cash	No	0	1,833,595
8/29/2012	Concessional Loan Assistance	Cash	No	0	68,135
9/26/2012	Concessional Loan Assistance	Cash	No	0	1,294,496
9/28/2012	Concessional Loan Assistance	Cash	No	0	60,557
10/11/2012	Concessional Loan Assistance	Cash	No	0	60,034
10/24/2012	Concessional Loan Assistance	Cash	No	0	1,234,529
11/15/2012	Concessional Loan Assistance	Cash	No	0	69,713
11/19/2012	Concessional Loan Assistance	Cash	No	0	543,421
11/26/2012	Concessional Loan Assistance	Cash	No	0	3,689,511
12/28/2012	Concessional Loan Assistance	Cash	No	0	324,157
1/9/2013	Concessional Loan Assistance	Cash	No	0	3,960,041
1/10/2013	Concessional Loan Assistance	Cash	No	0	60,421
<b>UNDISBURSED BALANCE</b>					<b>76,921,248</b>

Transaction Date	Type of Assistance	Mode of Payment	Post Earthquake Assistance	Commitment	Disbursement
1/21/2013	Concessional Loan Assistance	Cash	No	0	44,886
2/19/2013	Concessional Loan Assistance	Cash	No	0	51,496
2/20/2013	Concessional Loan Assistance	Cash	No	0	1,387,995
3/26/2013	Concessional Loan Assistance	Cash	No	0	88,093
3/27/2013	Concessional Loan Assistance	Cash	No	0	242,545
4/3/2013	Concessional Loan Assistance	Cash	No	0	400,700
4/15/2013	Concessional Loan Assistance	Cash	No	0	85,925
5/14/2013	Concessional Loan Assistance	Cash	No	0	51,751
6/19/2013	Concessional Loan Assistance	Cash	No	0	71,011
6/25/2013	Concessional Loan Assistance	Cash	No	0	337,107
7/9/2013	Concessional Loan Assistance	Cash	No	0	627,356
7/11/2013	Concessional Loan Assistance	Cash	No	0	789,587
7/30/2013	Concessional Loan Assistance	Cash	No	0	361,135
8/2/2013	Concessional Loan Assistance	Cash	No	0	40,983
9/24/2013	Concessional Loan Assistance	Cash	No	0	536,915
10/15/2013	Concessional Loan Assistance	Cash	No	0	55,986
11/13/2013	Concessional Loan Assistance	Cash	No	0	51,476
12/16/2013	Concessional Loan Assistance	Cash	No	0	28,451
1/24/2014	Concessional Loan Assistance	Cash	No	0	41,301
2/17/2014	Concessional Loan Assistance	Cash	No	0	2,568,577
2/20/2014	Concessional Loan Assistance	Cash	No	0	48,984
5/6/2014	Concessional Loan Assistance	Cash	No	0	105,104
5/22/2014	Concessional Loan Assistance	Cash	No	0	1,093,711
6/10/2014	Concessional Loan Assistance	Cash	No	0	150,585
<b>UNDISBURSED BALANCE</b>					<b>67,659,597</b>

Transaction Date	Type of Assistance	Mode of Payment	Post Earthquake Assistance	Commitment	Disbursement
7/22/2014	Concessional Loan Assistance	Cash	No	0	91,612
8/6/2014	Concessional Loan Assistance	Cash	No	0	9,101,612
7/18/2015	Concessional Loan Assistance	Cash	No	0	8,134,984
9/27/2018	Concessional Loan Assistance	Cash	No	3,709,001	3,709,001
12/10/2018	Concessional Loan Assistance	Cash	No	163,803	163,803
1/15/2019	Concessional Loan Assistance	Cash	No	3,113,014	3,113,014
6/30/2020	Concessional Loan Assistance	Cash	No	6,273,096	6,273,096
6/30/2021	Concessional Loan Assistance	Cash	No	6,877,924	6,877,924
Total				149,378,534	99,047,144
Total ( China )				149,378,534	99,047,144
<b>UNDISBURSED BALANCE</b>					<b>50,331,390</b>

### Progress Achieved

Progress Achieved:

Key Problems:

Steps Taken to Solve Problems:

### Funding Information

Total Actual Commitment	149,378,539
Total Planned Commitment	0
Total Actual Disbursement	99,047,167
Total Planned Disbursement	0

### Sustainable Development Goals

SDG Topic: Goal 7: Ensure access to affordable, reliable, sustainable and modern energy for all

SDG: Target 7.1 By 2030, ensure universal access to affordable, reliable and modern energy services

### Additional Information

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