

Tanahu Hydropower Project

Identification

Project Title:	Tanahu Hydropower Project
AMP ID:	872381714600
IATI Identifier:	
Gender Marker:	Indirectly
Climate Change	Relevant
Budget Head:	501133
Status:	On-Going
Status Reason:	
Budget Type	On Budget
Input:	
Output:	<ol style="list-style-type: none">Hydropower plan transmission system construction<ul style="list-style-type: none">140 MW hydropower plant constructed by 202037km transmission line and a 220 kV substation constructed to evacuate the plant's power by 2020<ul style="list-style-type: none">Gender equality awareness consultations for 1000 persons including 500 womenAt least 17636 households connected to power supply by 2020 (including 30000 women)Community livelihood program in the project area<ul style="list-style-type: none">3732 households in project benefit from CDS programs by 2020 (including 10000 women)NEA restructuring implemented<ul style="list-style-type: none">NEA's financial and operational restructuring plan implemented by 2016NEA's management program finalized and implemented by 2016Other Sector reforms and project management operational<ul style="list-style-type: none">Revised tariff regulations and cost recovery mechanism for distribution, transmission and generation issued by 2015<ul style="list-style-type: none">Autonomous and independent regulator established for comprehensive tariff setting by 2015THL's comprehensive corporate policies using commercial principles and informed by GESI considerations established by 2015PPP and equity sales scheme for hydropower development initiated<ul style="list-style-type: none">A divestment program put in place between 2013-2015, including the sale of equity in THL, the project company for TanahuA PPP program targeting domestic supplies and exports put in place by 2015
Outcome:	Improved Hydropower sector Efficiency Performance Targets and Indicators with baseline are

- Increase in hydropower capacity available year round by at-least to 245 MW in 2020 from 92 MW in 2012
- Increase in additional electricity generation of 588 GWh/year from the Tanahu hydropower plant in 2020
- Winter's power shortage alleviated by 2020 (from loadshedding of 18hrs in 2011)

Impact:

Expanded access to clean and sustainable energy supply in Nepal
Performance Targets and indicators with baseline are as follows

- Increase hydropower generation capacity to 2000 MW by 2023 (Baseline : 706 MW in 2012)
- Increased access to electricity to 70% of households by 2023 (from 56% in 2011)
- Reduce fossil fuel imports by %)% by reducing dependence in the use of generators by 2023(from 531 MW equivalent in 2011)
- Reduce national carbondioxide emissions by additional 466,475 tons per year by 2023

Treasury Type: On-treasury

Humanitarian Aid: No

Planning

Date of Agreement 2013-01-13

Date of effectiveness 2014-08-29

Proposed Start Date

Actual Start Date

Planned Completion 2021-06-30
Date

Location

Location	Percentage
Tanahu (Damauli)	100.0%

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

Sector	
Sector	Percentage
Nepal Sector Classification ENERGY 0	100.0%

Implementing/Executing Agency	
Implementing Agency	
Nepal Electricity Authority	100.0%
Executing Agency	
Ministry of Energy, Water Resources and Irrigation	100.0%
Responsible Organization	
Ministry of Finance	100.0%
Donor	
Japan International Cooperation Agency	0.0%
European Investment Bank	0.0%
Asian Development Bank	0.0%

Funding					
Transaction Date	Type of Assistance	Mode of Payment	Post Earthquake Assistance	Commitment	Disbursement
Asian Development Bank					
Actual					
7/15/2016	Concessional Loan Assistance	Direct Payment	No	0	1,500,000
7/15/2016	Concessional Loan Assistance	Direct Payment	No	0	480,003
UNDISBURSED BALANCE				-1,980,003	

Transaction Date	Type of Assistance	Mode of Payment	Post Earthquake Assistance	Commitment	Disbursement
11/30/2016	Concessional Loan Assistance	Direct Payment	No	0	277,810
3/31/2017	Concessional Loan Assistance	Direct Payment	No	0	241,814
7/15/2017	Concessional Loan Assistance	Direct Payment	No	0	179,649
11/15/2017	Concessional Loan Assistance	Direct Payment	No	0	257,954
3/15/2018	Concessional Loan Assistance	Direct Payment	No	0	3,959,283
7/15/2018	Concessional Loan Assistance	Direct Payment	No	0	6,161,939
11/15/2018	Concessional Loan Assistance	Direct Payment	No	0	247,943
3/15/2019	Concessional Loan Assistance	Direct Payment	No	0	1,754,097
7/15/2019	Concessional Loan Assistance	Direct Payment	No	0	1,867,394
11/15/2019	Concessional Loan Assistance	Direct Payment	No	0	1,544,361
3/13/2020	Concessional Loan Assistance	Direct Payment	No	0	3,953,716
7/15/2020	Concessional Loan Assistance	Direct Payment	No	0	307,965
11/30/2020	Concessional Loan Assistance	Direct Payment	No	0	2,592,675
3/31/2021	Concessional Loan Assistance	Direct Payment	No	0	1,761,377
7/15/2021	Concessional Loan Assistance	Direct Payment	No	0	2,181,937
4/22/2013	Grant Aid	Direct Payment	No	27,370,000	0
11/15/2021	Concessional Loan Assistance	Direct Payment	No	0	7,890,641
3/15/2022	Concessional Loan Assistance	Direct Payment	No	0	2,203,639
7/15/2022	Concessional Loan Assistance	Direct Payment	No	0	2,306,214
11/15/2022	Concessional Loan Assistance	Direct Payment	No	0	3,419,438
3/15/2023	Concessional Loan Assistance	Direct Payment	No	0	6,706,465
7/16/2023	Concessional Loan Assistance	Direct Payment	No	0	4,015,062
4/22/2013	Concessional Loan Assistance	Direct Payment	No	109,430,000	0
11/15/2015	Concessional Loan Assistance	Direct Payment	No	0	1,000,000
UNDISBURSED BALANCE					79,988,624

Transaction Date	Type of Assistance	Mode of Payment	Post Earthquake Assistance	Commitment	Disbursement
11/15/2015	Concessional Loan Assistance	Direct Payment	No	0	1,578,700
3/15/2016	Concessional Loan Assistance	Direct Payment	No	0	426,452
Total				136,800,000	58,816,528
Total (Asian Development Bank)				136,800,000	58,816,528
European Investment Bank					
Actual					
4/22/2013	Concessional Loan Assistance	Reimbursable	No	70,000,000	0
Total				70,000,000	0
Total (European Investment Bank)				70,000,000	0
Japan International Cooperation Agency					
Actual					
9/17/2021	Concessional Loan Assistance	Reimbursable	No	0	756,098
10/20/2021	Concessional Loan Assistance	Reimbursable	No	0	1,731
11/5/2021	Concessional Loan Assistance	Reimbursable	No	0	375,616
12/3/2021	Concessional Loan Assistance	Reimbursable	No	0	280,633
12/20/2021	Concessional Loan Assistance	Reimbursable	No	0	716,762
12/24/2021	Concessional Loan Assistance	Reimbursable	No	0	389,756
12/27/2021	Concessional Loan Assistance	Reimbursable	No	0	778,990
2/8/2022	Concessional Loan Assistance	Reimbursable	No	0	1,471,892
3/16/2022	Concessional Loan Assistance	Reimbursable	No	0	765,040
3/17/2022	Concessional Loan Assistance	Reimbursable	No	0	1,396,088
4/12/2022	Concessional Loan Assistance	Reimbursable	No	0	1,532,334
4/20/2022	Concessional Loan Assistance	Reimbursable	No	0	1,918
6/7/2022	Concessional Loan Assistance	Reimbursable	No	0	764,661
UNDISBURSED BALANCE				138,751,960	

Transaction Date	Type of Assistance	Mode of Payment	Post Earthquake Assistance	Commitment	Disbursement
6/10/2022	Concessional Loan Assistance	Reimbursable	No	0	1,230,497
6/28/2022	Concessional Loan Assistance	Reimbursable	No	0	827,510
7/1/2022	Concessional Loan Assistance	Reimbursable	No	0	756,501
7/19/2022	Concessional Loan Assistance	Reimbursable	No	0	774,617
8/9/2022	Concessional Loan Assistance	Reimbursable	No	0	556,522
9/2/2022	Concessional Loan Assistance	Reimbursable	No	0	510,408
9/13/2022	Concessional Loan Assistance	Reimbursable	No	0	653,979
10/20/2022	Concessional Loan Assistance	Reimbursable	No	0	2,359
11/11/2022	Concessional Loan Assistance	Reimbursable	No	0	5,407,647
12/28/2022	Concessional Loan Assistance	Reimbursable	No	0	432,376
1/10/2023	Concessional Loan Assistance	Reimbursable	No	0	915,746
1/13/2023	Concessional Loan Assistance	Reimbursable	No	0	518,505
1/17/2023	Concessional Loan Assistance	Reimbursable	No	0	728,727
2/14/2023	Concessional Loan Assistance	Reimbursable	No	0	425,609
2/21/2023	Concessional Loan Assistance	Reimbursable	No	0	2,247,690
3/9/2023	Concessional Loan Assistance	Reimbursable	No	0	407,841
3/16/2023	Concessional Loan Assistance	Reimbursable	No	0	656,997
9/30/2022	Concessional Loan Assistance	Reimbursable	No	0	750,923
3/13/2013	Concessional Loan Assistance	Reimbursable	No	184,000,000	0
2/19/2019	Concessional Loan Assistance	Reimbursable	No	0	13,172,093
4/22/2019	Concessional Loan Assistance	Reimbursable	No	0	105
4/23/2019	Concessional Loan Assistance	Reimbursable	No	0	963,869
5/17/2019	Concessional Loan Assistance	Reimbursable	No	0	477,038
10/1/2019	Concessional Loan Assistance	Reimbursable	No	0	486,805
UNDISBURSED BALANCE					289,847,609

Transaction Date	Type of Assistance	Mode of Payment	Post Earthquake Assistance	Commitment	Disbursement
10/15/2019	Concessional Loan Assistance	Reimbursable	No	0	315,853
10/21/2019	Concessional Loan Assistance	Reimbursable	No	0	748
2/7/2020	Concessional Loan Assistance	Reimbursable	No	0	2,018,279
2/21/2020	Concessional Loan Assistance	Reimbursable	No	0	989,425
4/20/2020	Concessional Loan Assistance	Reimbursable	No	0	860
4/21/2020	Concessional Loan Assistance	Reimbursable	No	0	1,150,063
7/10/2020	Concessional Loan Assistance	Reimbursable	No	0	523,107
7/31/2020	Concessional Loan Assistance	Reimbursable	No	0	1,379,792
8/7/2020	Concessional Loan Assistance	Reimbursable	No	0	5,132,426
9/23/2020	Concessional Loan Assistance	Reimbursable	No	0	973,559
10/2/2020	Concessional Loan Assistance	Reimbursable	No	0	487,183
10/20/2020	Concessional Loan Assistance	Reimbursable	No	0	1,160
12/4/2020	Concessional Loan Assistance	Reimbursable	No	0	491,906
1/22/2021	Concessional Loan Assistance	Reimbursable	No	0	1,580,183
3/5/2021	Concessional Loan Assistance	Reimbursable	No	0	681,813
3/24/2021	Concessional Loan Assistance	Reimbursable	No	0	488,477
4/20/2021	Concessional Loan Assistance	Reimbursable	No	0	1,522
5/18/2021	Concessional Loan Assistance	Reimbursable	No	0	586,924
6/15/2021	Concessional Loan Assistance	Reimbursable	No	0	694,140
7/20/2021	Concessional Loan Assistance	Reimbursable	No	0	787,562
8/17/2021	Concessional Loan Assistance	Reimbursable	No	0	356,890
8/20/2021	Concessional Loan Assistance	Reimbursable	No	0	655,718
Total				184,000,000	61,433,443
Total (Japan International Cooperation Agency)				184,000,000	61,433,443
UNDISBURSED BALANCE				270,550,029	

Progress Achieved

Progress Achieved:

Key Problems:

Steps Taken to Solve Problems:

Funding Information

Total Actual Commitment	390,800,000
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Total Planned Commitment	0
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Total Actual Disbursement	117,750,002
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Total Planned Disbursement	0
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Sustainable Development Goals

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

SDG: Target 7.a By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology.

Additional Information

Project Created By: bpradhan@mof.gov.np

Project Modified By:

Project Created On: 9/23/2021

Created in Workspace: IECCD Workspace