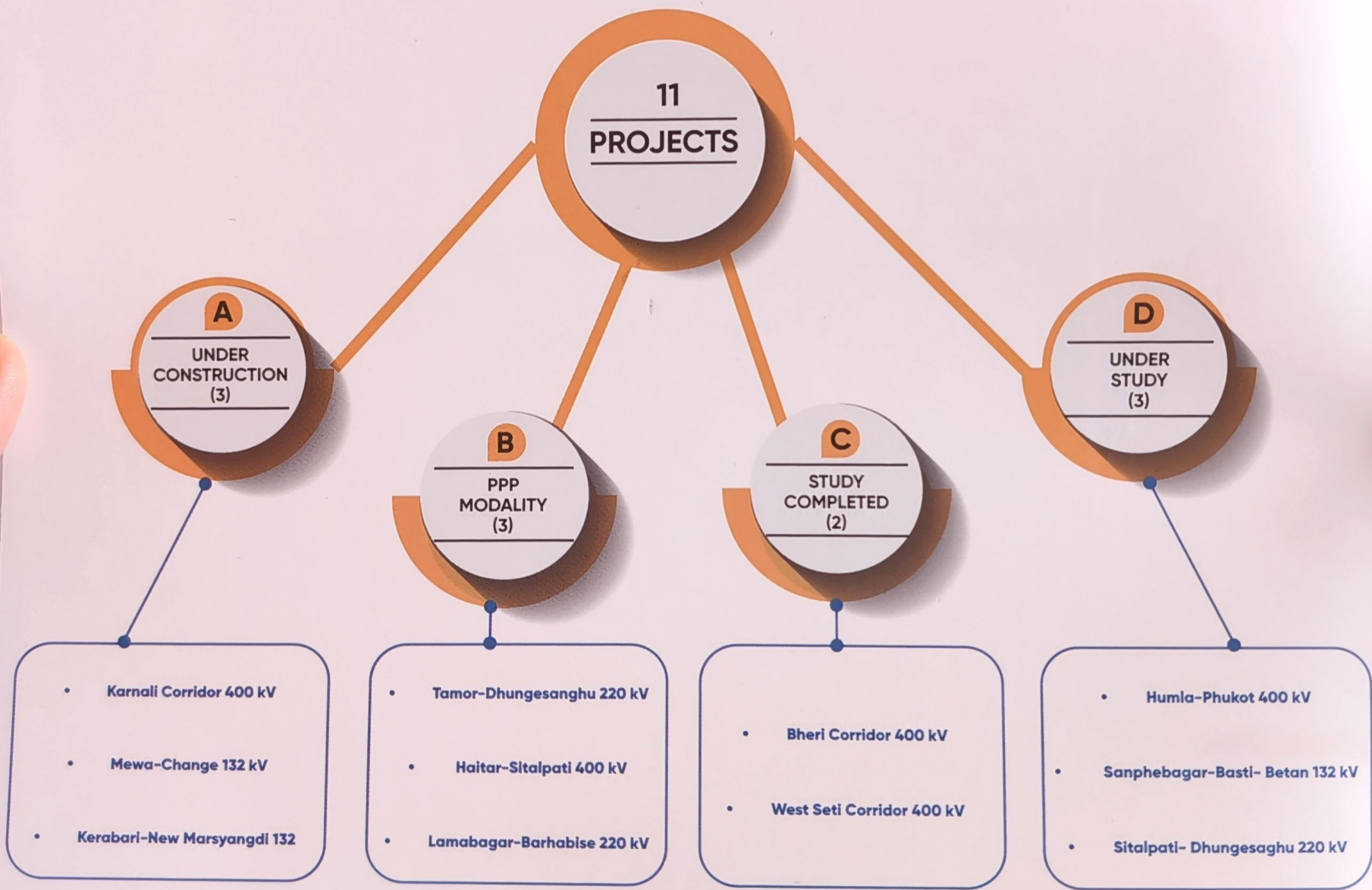




Currently, 11 numbers of transmission line projects which are at different stages of development are as below:



A UNDER CONSTRUCTION

Karnali Corridor 400 kV Transmission Line Project

Project Name	Karnali Corridor 400 kV Transmission Line Project
Province	Karnali, Sudur Paschim
Location/Affected Area	Kailkot, Achham, Surkhet, Kailali
Power Evacuation Capacity	2500 MW
Voltage	400 kV
Length	120 km
Substations	Phukot, Betan, Dododhara
Capacity	160 MVA, 160 MVA, 1000MVA
Targeted Completion Year	2085/86
Major Hydro Powers	Phukot Karnali (480MW), Betan Karnali (688MW), Tila-1 (440MW), Tila-2 (420MW)
Estimated Project Cost	200M USD

The Karnali Corridor 400 kV Transmission Line Project is a strategically significant infrastructure initiative aimed at harnessing and evacuating hydroelectric power from the resource-rich Karnali and Sudur Paschim Provinces in western Nepal. The region is endowed with immense hydropower potential, particularly along the Karnali River and its tributaries. However, the lack of high-capacity transmission infrastructure has long hindered the optimal development and distribution of electricity generated in these remote areas.

Mewa-Change (Dhungesanghu) 132 kV Transmission Line

Project Name	Mewa-Change (Dhungesanghu) 132 kV Transmission Line
Province	Koshi
Location/Affected Area	Taplejung
Power Evacuation Capacity	154.35 MW
Voltage	132 kV
Length	20 km
Substations	Mewa Substation
Capacity	30 MVA
Targeted Completion Year	2083/84
Major Hydro Powers	Upper Mewa A (31.92MW), Palun Khola 1 HEP (30 MW), Union Mewa HEP (23MW), Palun Khola small HEP (21 MW), Sona Khola HEP (9 MW)
Estimated Project Cost	10.3 MUSD

The Mewa-Change 132 kV Transmission Line Project is a vital infrastructure development aimed at strengthening the electricity transmission network in Nepal's eastern region, particularly in Taplejung District of Province 1. This project is designed to support the growing number of hydropower projects in the region by providing a reliable and high-capacity evacuation route for generated power.

Kerabari-New Marsyangdi (Daraudi Corridor) 132 kV Transmission Line Project

Project Name	Kerabari-New Marsyangdi 132 kV Transmission Line Project
Province	Gandaki
Location/Affected Area	Gorkha, Tanahun
Power Evacuation Capacity	120 MW
Voltage	132 kV
Length	32 km
Substations	Kerabari
Capacity	30 MVA
Targeted Completion Year	2083/84
Major Hydro Powers	Middle Kabeli HEP (42.9), Upper Kabeli (37), Kabeli-B (194), Kabeli-T (25), Kabeli-3 (2), Kabeli-5 (2), Kabeli-6 (1), Lungba Khola (0.09)
Estimated Project Cost	12.8 MUSD

The Kerabari-New Marsyangdi 132 kV Transmission Line Project is a critical infrastructure initiative designed to evacuate electricity from a cluster of hydropower plants in the Gorkha and Tanahun districts of Gandaki Province, Nepal. These districts are home to a number of small to medium-sized hydropower projects that contribute significantly to the local and national energy supply.

B PPP MODALITY

Tamor-Dhungesanghu 220 kV Transmission Line Project

Project Name	Tamor-Dhungesanghu 220 kV Transmission Line Project
Province	Koshi
Location/Affected Area	Taplejung
Power Evacuation Capacity	700 MW
Voltage	220 kV
Length	32 km
Substations	Tamor Substation, Dhungesanghu Bay Extension
Capacity	315 MVA
Targeted Completion Year	2087/88
Major Hydro Powers	Ghunsu Khola HEP (77.5MW), Super Tamor (66MW), Simbuwa Khola (70.3MW)

Subsidiary Company named Tamor Dhungesanghu Power Transmission Company Limited formed. 26% Share of RPGCL.

Haitar-Sitalpati (Arun Corridor) 400 kV Transmission Line Project

Project Name	Haitar-Sitalpati (Arun Corridor) 400 kV Transmission Line Project
Province	Koshi
Location/Affected Area	Sankhuwasabha
Power Evacuation Capacity	2260 MW
Voltage	400 kV
Length	35 km
Substations	Haitar, Sitalpati
Capacity	300 MVA, 630 MVA
Targeted Completion Year	2087/88
Major Hydro Powers	Kimathanka Arun (450MW), Upper Arun (1061 MW), Kusuwa Khola (45MW), Chujung Khola(48MW), Lower Barun Khola (55MW), Ikhwa Khola (40MW)
Estimated Project Cost	69.65 MUSD

Lambagar-Barhabise 220 kV Transmission Line Project

Project Name	Lambagar-Barhabise 220 kV Transmission Line Project
Province	Bagmati
Location/Affected Area	Dolakha, Sindhupalchowk
Power Evacuation Capacity	1240 MW
Voltage	220 kV
Length	43 km
Substations	Lambagar Substation, Barabise Bay Extension
Capacity	315 MVA
Targeted Completion Year	2087/88
Major Hydro Powers	Lapche HEP (160MW), Upper Lapche HEP (52MW), Lapche Tamakoshi HEP (22MW), Jhoam HEP (56MW), Rolwaling HEP (88MW)
Estimated Project Cost	28.78 MUSD



C STUDY COMPLETED

Bheri Corridor 400 kV Transmission Line Project

Project Name	Bheri Corridor 400 kV Transmission Line Project
Province	Karnali
Location/Affected Area	Jajarkot, West Rukum, Salyan, Surkhet
Power Evacuation Capacity	2400 MW
Voltage	400 kV
Length	93 km
Substations	Nalgad, Maintada
Capacity	160 MVA, 315 MVA
Targeted Completion Year	2086/87
Major Hydro Powers	Nalgad (410 MW), Bheri-1 (617 MW), Bheri-2 (256 MW)
Estimated Project Cost	160M USD

West Seti Corridor 400 kV Transmission Line Project

Project Name	West Seti Corridor 400 kV Transmission Line Project
Province	Sudur Paschim
Location/Affected Area	Bajhang, Doti, Dadeldhura, Kanchanpur, Kailali
Power Evacuation Capacity	2500 MW
Voltage	400 kV
Length	213 km
Substations	Bajhang, West Seti
Capacity	315 MVA, 160MVA
Targeted Completion Year	2088/89
Major Hydro Powers	West Seti (800MW), Chainpur Seti (210MW), Seti Nadi-3 (87MW), Bajhang Upper Seti (216MW)
Estimated Project Cost	204.27 MUSD

D UNDER STUDY

Humla-Phukot 400 kV Transmission Line Project

Project Name	Humla-Phukot 400 kV Transmission Line Project
Province	Karnali, Sudur Paschim
Location/Affected Area	Humla, Bajura, Kalikot
Power Evacuation Capacity	2250 MW
Voltage	400 kV
Length	85 km
Substations	Humla Substation, Phukot Bay Extension
Capacity	630 MVA
Targeted Completion Year	2088/89
Major Hydro Powers	Humla Karnali-1 (235MW), Humla Karnali-2 (304MW), Humla Cascade (916MW), Chuwa Khola (70MW), Mathillo Chuwa (103MW), Namlang Khola (135MW)
Estimated Project Cost	138M USD

Sanfebagar-Basti-Betan 132kV Transmission Line Project

Project Name	Sanfebagar-Basti-Betan 132kV Transmission Line Project
Province	Karnali, Sudur Paschim
Location/Affected Area	Surkhet, Accham
Power Evacuation Capacity	100 MW
Voltage	132 kV
Length	48 km
Substations	Sanfebagar, Betan
Targeted Completion Year	2087/88
Major Hydro Powers	Budhi Ganga (20MW)
Estimated Project Cost	2.22 MUSD

Sitalpati-Dhungesanghu 220 kV Transmission Line Project

Project Name	Sitalpati- Dhungesanghu 220 kV Transmission Line Project
Province	Koshi
Location/Affected Area	Taplejung, Sankhuwasabha
Power Evacuation Capacity	600 MW
Voltage	220 kV
Length	48 km
Substations	Sitalpati Bay Extension, Dhungesanghu Bay Extension
Targeted Completion Year	2087/88
Estimated Project Cost	17.14 MUSD

