

Major hydroelectric projects are under construction and study. Construction works of hydroelectric tunnels are summarised below:

Project	Tunnel length	Size	Completion
Upper Tamakoshi (456 MW)	11.5 km	6m	4.85 k
Chameliya (30 MW)	4 km	5.2 m	0.10 k
Kulekhani III (14 MW)	5.9 km	3.5m	3.31 k
Upper Trisuli 3 'A' (60 MW)	4.1 km	5.8 m	1.17 k
Sanima Mai (22MW)	2.2 km	4m	1.60 k
Upper Mai (9.98MW)	4 km	2m	0.40 k
Hewa Khola (14 MW)	4 km	3.5m	1.90 k
Melamchi Diversion Scheme (Water supply tunnel)	26.3 km	4m	2.00 k
Upper Chakhu (22 MW)	2.3 km	2m	1.37 k
Lower Modi Hydroelectric Project (20MW)	4.5 km	4m	1.05 k
Khani Khola Hydroelectric Project (40MW)	2.28 km	2.5m	0.722 k
Budhi Gandaki Storage (600 MW) test adit	0.678km	2m	0.678 k
Rasuwagadhi (111MW) Access tunnel		6m	0.125 k
Middle Bhotekoshi (102 MW), Adit		5m	0.30 k
Thapa Khola HEP (12MW) HRT, Mustang	2.2 km	3m	0.2km





*Mai Hydroelectric Project headrace tunnel lining
squeezed headrace tunnel*

Chamelia Project 50%

Under construction and study tunnels projects are summarised below:

Project	Tunnel length	Size	Status
Upper Marsyandi HEP (50 MW)	4km	7.3m	Construction
Upper Madi HEP (20 MW)	3.93 km	4 m	Construction
Sanjen (42.5 MW)	3.6 km	3.75m	Construction
Upper Sanjen (14.8 MW)	1.4 km	3.75m	Construction
Middle Bhotekoshi (102 MW)	7.2 km	5.7m	Construction
Rasuwadagadhi (111MW)	4.3 km	6.0m	Construction
Rahughat (32 MW)	6.1 km	3.5m	Construction
Upper Trishuli-1 (216 MW)	9.82 km	6.5m	Construction
Middle Bhotekoshi (102 MW)	7.1 km	5.7m	Construction
Kabeli A (30 MW)	4.32 km	6m	Waiting Financial closure
Kathmandu Hetauda Road tunnel	7km	12m	Waiting Financial closure
Kaligandaki Koban (150MW)	6.2 km	5m	Bidding process
Upper Seti Storage (140 MW)	1.5 km	5m	Bidding process
Bheri Babai Diversion Multipurpose Project (48 MW with irrigation)	12 km	4.2m	Bidding process
Likhu IV (120 MW)	4.42km	4.8m	Bidding process
Tanahu Storage (140MW)	1.32 km	7.4m	Bidding process
Nyadi (20 MW)	3.8 km	3.5m	Power Purchase Agreement
West Seti (750MW)	6.7 km	10m	Project Development Agreement
Arun III (900 MW)	11.74 km	9.5 m	Project Development Agreement
Upper Karnali (900 MW)	2.4 km	9.5m	Project Development Agreement
Tamakoshi 3 (650 MW)	17 km	9 m	Project Development Agreement
Upper Marsyangdi HEP (600 MW)	9.2 Km	6 m	Project Development Agreement
Lower Solu (82 MW)	4.260 km	3.6 m	Power Purchase Agreement
Nalsyagugad storage (390MW)	9.2km	6.5m	Detail design in progress
Upper Modi-A (42MW)	4.8 km	4m	Detail design in progress

Mristi Khola (42 MW)	3 km	4.2m	Detail design in progress
East West Railway Project	45 km	8m	Detail Design Stage
Budhi Gandaki Storage (600 MW)	2km	12m	Detail design
Khare Khola (14 MW)	4.8km	3m	Detailed design
Upper Marsyandi-2 (570MW)	10 km	6m	Feasibility Study complete
Lower Arun (400 MW)	15 km	10 m	Feasibility Study complete
Upper Tamor (415MW)	8.7 km	7.8m	Feasibility Study complete
Kali Gandaki Gorge (275 MW)	6.1 km	4.5m	Feasibility Study complete
Solu Khola Small (40 MW)	4.1 km	3.45 m	Feasibility Study complete
Madi I (26.5 MW)	4.44 km	4m	Feasibility Study complete
Upper Marsyangdi (14 MW)	5.15 km	3.5m	Feasibility Study complete
Upper Arun (335MW)	7.1km	5.4m	Feasibility Study complete
Dudh Koshi (300MW)	5.6km	5.2m	Feasibility Study in Progress
Tamor Storage (530MW)	2.5km	7.2m	Feasibility Study in progress
Budhigandaki Ka HEP (130 MW)	3.447 Km	7.3 m	Feasibility Study complete
Budhigandaki Kha HEP (260 MW)	6.925 Km	7.2 m	Feasibility Study complete
Super Madi HEP (44 MW)	5.905 Km	4.4 m	Feasibility Study complete
Middle Modi (15 MW)	2.840 Km	4.4 m	Feasibility Study complete
Thankot Nagdunga Road Bypass Tunnel	2.5 km	10m	Feasibility Study