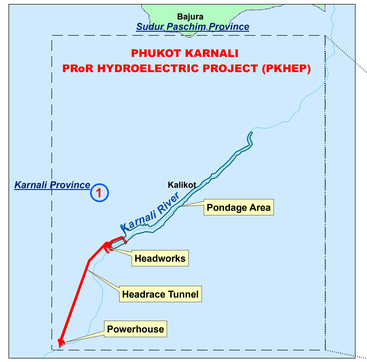
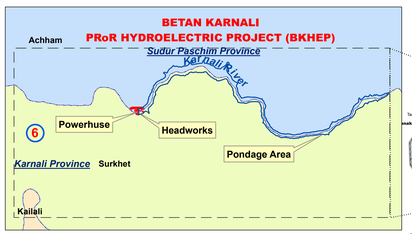
PROJECTS HIGHLIGHT - VUCL



SALIENT FEATURES OF PKHEP

Project's Name : Phukot Karnali PRoR Hydroelectric Project
Type : Peaking Run-of-the-River (PRoR)
Location : Kalikot District, Karnali Pradesh, Nepal
River : Karnali River
Catchment Area : 16764 Sq. Km
Design Discharge : 350 m3/s
Dam Height : 103 m
Tunnel Length : 6 Km
Powerhouse : Underground
Gross Head : 170 m
Installed Capacity : 492 MW
Total Annual Energy : 2493 GWh



SALIENT FEATURES OF BKHEP

Project's Name : Betan Karnali PRoR Hydroelectric Project
Type : Peaking Run-of-the-River (PRoR)
Location : Surkhet & Achham District, Karnali Pradesh & Sudur Paschim Pradesh, Nepal
River : Karnali River
Catchment Area : 22,555 Sq. Km
Design Discharge : 572 m3/s
Dam Height : 96 m
Powerhouse : Dam Toe
Gross Head : 89 m
Installed Capacity : 425 MW
Total Annual Energy : 2037 GWh

CHINA

Sudur Paschim Province

Karnali Province

Gandaki Province

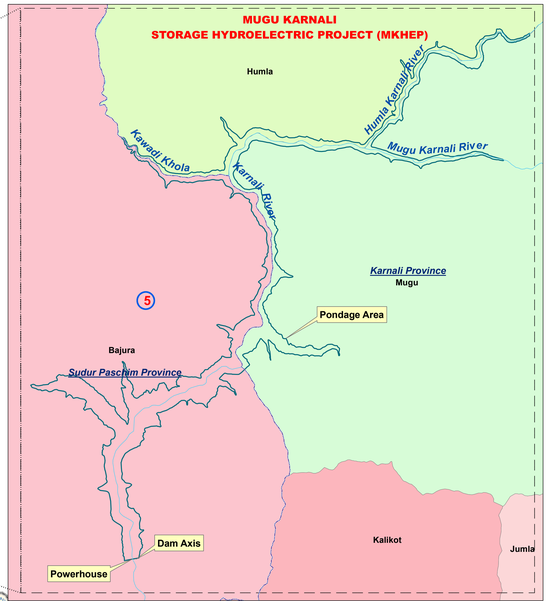
Province 5

Province 3

Province 2

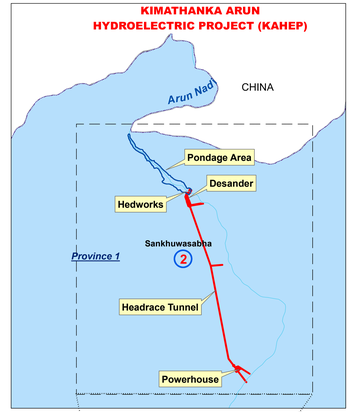
Province 1

INDIA



SALIENT FEATURES OF MKHEP

Project's Name : Mugu Karnali Storage Hydroelectric Project
Type : Storage
Location : Mugu, Kalikot, Humla & Bajura District, Karnali Pradesh & Sudur Paschim Pradesh, Nepal
River : Karnali River
Catchment Area : 16105 Sq. Km
Design Discharge : 796 m3/s
Dam Height : 285 m
Powerhouse : Dam Toe
Gross Head : 285 m
Installed Capacity : 1902 MW
Total Annual Energy : 5833 GWh

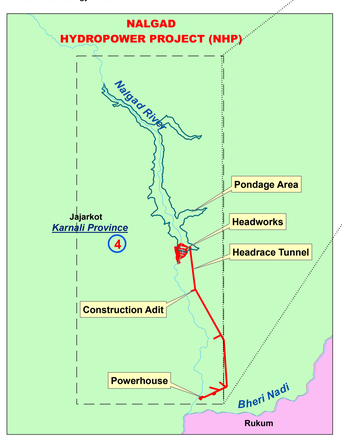


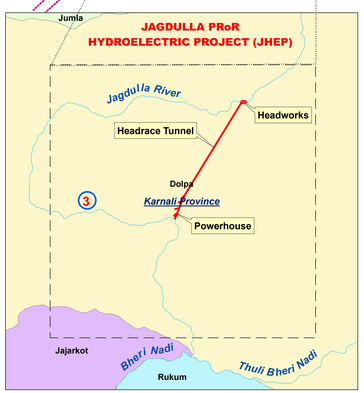
SALIENT FEATURES OF KAHEP

Project's Name : Kimathanka Arun Hydroelectric Project
Type : Peaking Run-of-the-River (PRoR)
Location : Sankhuwasabha District, Pradesh 1, Nepal
River : Arun River
Catchment Area : 28367 Sq. Km
Design Discharge : 165 m3/s
Dam Height : 62 m
Tunnel Length : 5 Km
Powerhouse : Underground
Gross Head : 350 m
Installed Capacity : 482 MW
Total Annual Energy : 2964 GWh

SALIENT FEATURES OF NHP

Project's Name : Nalgad Hydropower Project
Type : Storage
Location : Jajarkot District, Karnali Pradesh, Nepal
River : Nalgad
Catchment Area : 575 Sq. Km
Design Discharge : 75 m3/s
Dam Height : 200 m
Tunnel Length : 8.2 Km
Powerhouse : Underground
Net Head : 635.5 m
Installed Capacity : 410 MW
Total Annual Energy : 1240 GWh





SALIENT FEATURES OF JHEP

Project's Name : Jagdulla PRoR Hydroelectric Project
Type : Peaking Run-of-the-River (PRoR)
Location : Dolpa District, Karnali Pradesh, Nepal
River : Jagdulla River
Catchment Area : 662 SqKm
Design Discharge : 14.5 m3/s
Dam Height : 20 m
Tunnel Length : 6 Km
Powerhouse : Underground
Gross Head : 810 m
Installed Capacity : 92.5 MW
Total Annual Energy : 545 GWh

LEGEND

- VUCL_Projects_Boundary
- National_Boundary
- States_Boundary
- River

HYDROPOWER PROJECT

- CONSTRUCTION LICENSE APPLICATION
- SURVEY LICENSE APPLICATION
- CONSTRUCTION LICENSE
- IN OPERATION
- GOVERNMENT RESERVED PROJECT
- SURVEY LICENSE
- UNDER CONSTRUCTION

SUBSTATION

- Generation Hub
- FUTURE_S/S
- UNDER_CONSTRUCTION_S/S
- EXISTING_S/S

TRANSMISSION LINE

- Proposed Cross Border Line 400kv
- 132 kV HTLS
- 220 kV HTLS
- PROPOSED 400kV
- PROPOSED 220kV
- PROPOSED 132 kV
- EXISTING/UNDERCONSTRUCTION 400 kV
- EXISTING/UNDERCONSTRUCTION 220 kV
- EXISTING 132 kV

DIGITAL ELEVATION MODEL

High : 8682
Low : 60

Coordinate System: MUTM EVEREST 1830
Projection: Transverse Mercator, Datum: Everest Bangladesh
False Easting: 500,000.0000, False Northing: 0.0000
Central Meridian: 84.0000, Scale Factor: 0.9999
Latitude Of Origin: 0.0000, Units: Meter

0 12.5 25 50 75 100 KM

1:600,000

विद्युत उत्पादन कम्पनी लिमिटेड
Vidhyut Utpadan Company Limited

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