

# INTRODUCTION

Hydro Village Pvt. Ltd is developing the Myagdi Khola Hydropower Project (MKHP). It is a Run-of-River (RoR) type project with an installed capacity of 57.3 MW and generates 335.99 GWh of energy annually. The project is located at Dhawalagiri RM of Myagdi district in Gandaki province of Nepal. Two headworks are proposed just upstream of Kunaban and Myagdi Khola confluence one on each river, and the powerhouse is located at Jeltung village. The project has a catchment area of 306 km<sup>2</sup> and the design discharge is 12.5 m<sup>3</sup>/s. The generated energy will be evacuated through a 132kV transmission line to Dadakhet Substation.



## PROJECT DETAILS

<b>Project Name</b>	Myagdi Khola Hydropower Project
<b>Location</b>	Dhawalagiri RM , Myagdi District Gandaki Province, Nepal
<b>Installed Capacity</b>	57.3 MW
<b>Type of Project</b>	RoR
<b>Catchment Area</b>	306 km <sup>2</sup>
<b>Design Discharge</b>	12.5 m <sup>3</sup> /s
<b>Gross Head</b>	626.5 m
<b>Headworks</b>	At Myagdi and Kunaban Khola 325 & 300 m upstream of Dovan
<b>Headrace Tunnel</b>	6243 m long Inverted D type
<b>Penstock</b>	1242.84 m (before bifurcation)
<b>Powerhouse</b>	Surface PH at Jeltung
<b>Turbine</b>	3 Nos. Pelton (Vertical Axis)
<b>Transmission Line</b>	Length: 17 km 132 kV Double Circuit line
<b>Substation</b>	Dadakhet, Myagdi
<b>Access Road</b>	20 km (need to build)
<b>Kathmandu to Darbang</b>	295 km (by road)

## AVERAGE ANNUAL ENERGY

	PPA	UFSR**
<b>Total Energy (GWh)</b>	335.993	340.86
<b>Dry Energy (GWh)</b>	103.109	105.90
<b>Wet Energy (GWh)</b>	232.884	234.97

\*\*Generated Net Energy in UFSR 2021 for 57.3 MW

## FINANCIAL INDICATORS

<b>Total Project Cost:</b>	91.04 million USD
<b>Average Annual Revenue:</b>	20.08 million USD
<b>Debt Equity Ratio:</b>	75:25
<b>IDC:</b>	10.50% p.a.
<b>NPV:</b>	32.43 million USD
<b>IRR:</b>	15.11%
<b>EIRR:</b>	22.63%
<b>Payback Period:</b>	8.78 years
<b>Dividend Payout:</b>	14% to 44%

## PPA TARIFF

Season	Initial Tariff	Escalated Tariff
Wet (6 months)	USD 0.0407/kWh	USD 0.0504/kWh
Dry (6 months)	USD 0.0712/kWh	USD 0.0883/kWh

\* 3% ANNUAL INCREMENT FOR 8 YEARS; 1USD=118 NPR

## CORPORATE TAX RELIEF

First 10 years	100% Exemption
Next 5 years	50% Exemption

## PROJECT STATUS

POWER PURCHASE AGREEMENT ✓

GENERATION LICENSE ✓

EIA APPROVAL/FINANCIAL CLOSURE ✓



**HYDRO**  
VILLAGE

CONTACT US

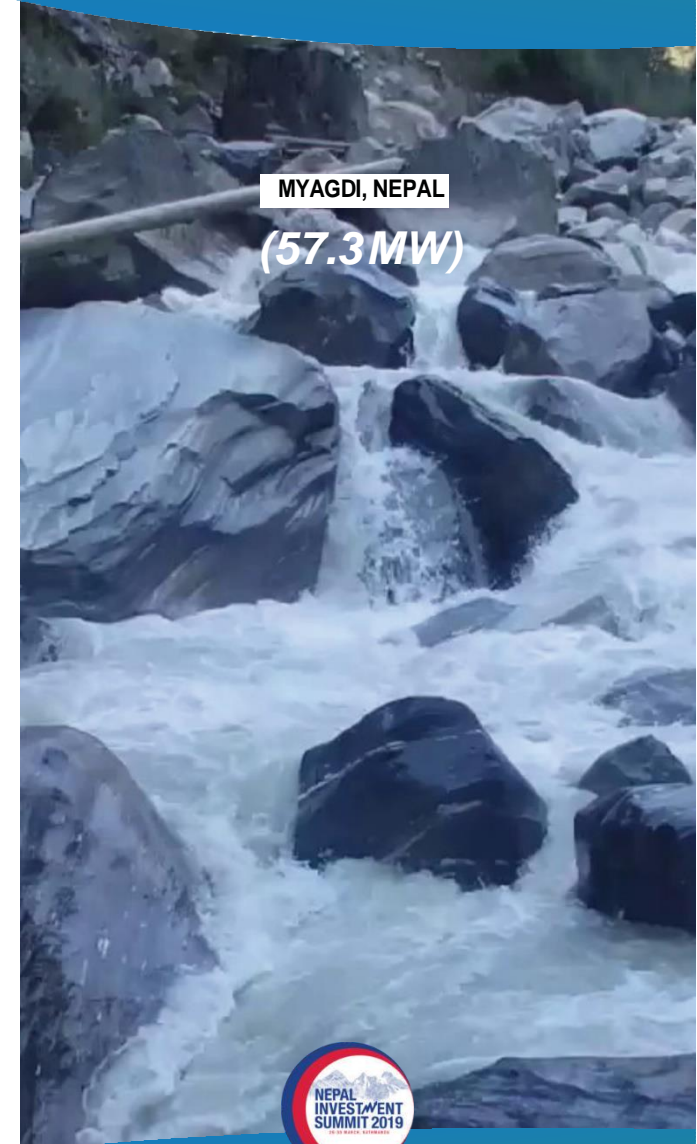
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**OTHER PROJECTS**

**KUNABAN KHOLA  
HYDROPOWER PROJECT (20 MW)**

**MYAGDI KHOLA-B  
HYDROELECTRIC PROJECT (12.5 MW)**



MYAGDI, NEPAL

(57.3 MW)

