

9. HEADRACE PIPE/PENSTOCK PIPE

Material	Steel pipe (E250 and E350 grade steel)
Finished Diameter	5.3 m
Length	4,327 m
Support	NA

10. SURGE TANK

Type	Circular, Surface
Height	87m (Inclined)
Finished Diameter	16m
Up Surge Water Level	EL. 779.76 m
Down Surge Water Level	EL. 695.80m
Length of Ventilation Tunnel	NA

11. POWERHOUSE

Type	Surface
Dimensions	60 m (L) × 14.5 m (B) × 24.5 m (H)

12. TAILRACE CANAL

Type	Surface Culvert
Length	65m
Size (W × H)	2 Nos 5.5 m (B) × 3.30 m (H)
Longitudinal Slope	1:700
Tailwater Level Draft Tube Outlet	EL. 688.21 m

13. TURBINE

Type	Francis
Shaft Arrangement	Horizontal Shaft
Number of Units	4 (Four)
Rated Output Capacity per Unit	13.25 MW each
Rated Speed	375 rpm
Rated Efficiency	91%
Turbine Center Level	685.27 masl

14. GENERATOR

Type	Synchronous, Brushless
Rated Output Capacity per Unit	14.19 MVA
Number of Units	4 (Two)
Power Factor	0.85
Frequency	50 Hz
Voltage	11 kV
Efficiency	97%

15. GOVERNOR

Type	Electronic with PID Control
Adjustment for Speed Drop	Between 0 to 5%

16. TRANSFORMER

Type	Three Phase, Oil Immersed, ODFAN
No. of Units	4
Rated Capacity per Unit	15 MVA
Rated Voltage	11 kV / 132 kV
Vector Group	YNd11
Frequency	50 Hz
Efficiency	99%

17. TRANSMISSION LINE

Voltage Level	132 kV, Single Circuit
Length	8 km
From	Powerhouse
To	NFA Udipur Hub

18. FINANCIAL INDICATORS

Cost of Project (NRs. Including IDC)	11,300,000,000
IRR of the project	13.14%
IRR of the equity	16.78%
Payback Period (Yrs.)	5.58

WHY INVEST IN US & BANKING DETAILS

Why Invest in Divya Jyoti Hydropower Limited?

- ✓ **Strong Project Fundamentals**
Proven hydrology, mature design, and established grid access ensure dependable power generation.
- ✓ **Experienced Promoter & Developer**
Backed by API Company legacy and technical expertise.
- ✓ **Attractive Returns**
Stable long-term revenue through power purchase agreements and growing national demand for clean energy.
- ✓ **National Priority Sector**
Hydropower is a cornerstone of Nepal's energy strategy with strong government support.
- ✓ **ESG & Sustainability Focus**
Clean, renewable energy contributing to carbon reduction and local economic development.
Criteria for Investment (Individual/Business)

Banking Details

- Account Name : Divya Jyoti Hydropower Limited
- Bank Name : Citizens Bank International Limited
- Branch : Main Branch
- Account Number : 0010100005842201



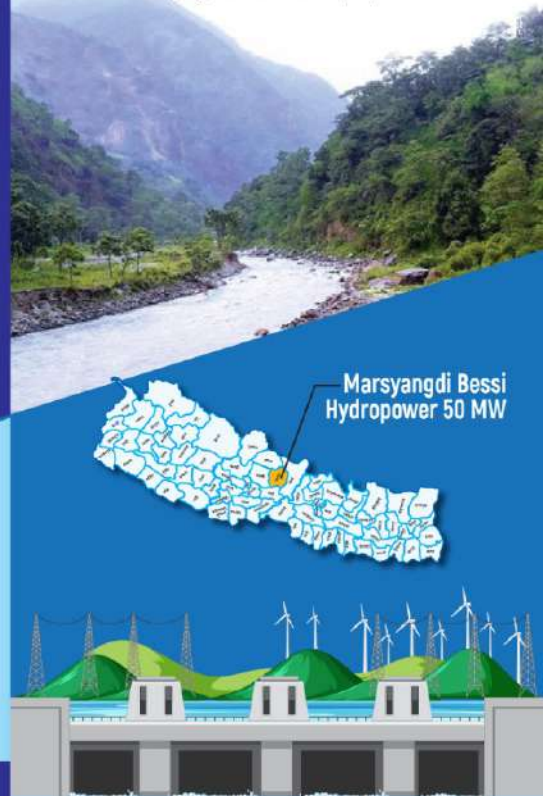
Contact Information
Divya Jyoti Hydropower Limited
Lamjung, Gandaki Province, Nepal
Corporate Office:
4th floor, Trade Tower, Kathmandu, Nepal

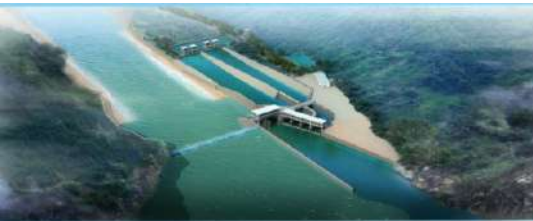


Regd. No.: 51836/064/065
PAN No.: 302770322

DIVYA JYOTI HYDROPOWER LIMITED

Lamjung, Gandaki Province, Nepal





Major Investor Profile

Api Power Company Limited is one of the leading Companies in Nepals Power Sector with power generation and supply to national grid as its core business through renewable resources abundantly available in the country. The company has its corporate Office located at 4th Floor, Trade Tower Nepal, Thapathali, K.M.C.-11, Kathmandu, Nepal.

Api Power Company Limited is committed to operational excellence and believes in good governance, corporate citizenship and creating value for stakeholders. Company is registered with Securities Board of Nepal and the Shares of the Company 'APF' are listed in Nepal Stock Exchange and is freely traded in the market.

Company has owned and developed various hydroelectric and solar projects.

Hydroelectric Projects

1. Naugarh Gad Small Hydroelectric Project (8.5 MW)
- In Operation since 19th August, 2015
2. Upper Naugarh Gad Small Hydroelectric Project (8 MW)
- In Operation since 30th October, 2019
3. Mathilo Chameliya Hydroelectric Project (40 MW)
- In Operation since 13th August, 2023

Solar Projects

1. Dhalkebar 1 MW Solar PV Project
- In Operation since 16th January, 2022
2. Simara 1 MW Solar PV Project
- In Operation since 24th July, 2022
3. Chandranigapur 4 MW Solar PV Project
- In Operation since 22nd August, 2021



Hydroelectric Projects



Solar Projects

In recent years, Api Power Company Limited have made strategic efforts to expand our investment portfolio not only in energy sector widely also in real estate infrastructure development. This diversification not only strengthens our financial resilience but also positions us to capitalize on new opportunities, mitigate risks and drive sustainable growth.

Api Power Company Ltd. is actively involved in Divya Jyoti Hydropower Limited as the key promoter and technical partner, bringing decades of experience in hydropower development, execution, and operation in Nepal. Api Power proven track record, institutional strength, and technical expertise provide strong assurance for the successful implementation and long-term sustainability of the Marsyangdi Besi Hydropower Project. Divya Jyoti Hydropower Limited has already secured all major statutory and commercial approvals required for project development. These include the

- Survey License
- Initial Environmental Examination (IEE) Approved
- Power Purchase Agreement (PPA)
- Generation License.

In addition, the project has successfully achieved financial closure, demonstrating strong confidence from financial institutions and stakeholders.

Project Implementation & Contracting Status

Construction of the Marsyangdi Besi Hydropower Project has commenced, and the project is scheduled to be completed within a 30-month construction period. The Electro-Mechanical (E&M) contract has been awarded to Troyer AG, Italy, a reputed international supplier, ensuring high-quality equipment and reliable plant performance. Civil works contracts have also been awarded to multiple qualified contractors to ensure timely execution. Detailed engineering and design are being carried out by Adayanta Engineering Pvt. Ltd., while Jade Consult has been appointed as the project's external technical consultant.

Commitment to Local Community & Regional Development

Divya Jyoti Hydropower Limited places strong priority on the socio-economic development of the local communities in Lamjung District, particularly those in the project-affected areas. The company is committed to creating local employment opportunities during construction and operation phases. Furthermore, Divya Jyoti Hydropower Limited plans to offer investment opportunities to local residents of the affected regions, ensuring meaningful participation, shared ownership, and long-term benefits for the local community.

Share Investment Opportunity

Highly affected ward (Marsyangdi ward 8 & 9) / Bessisahar ward 10&6 and all VDC and municipality of Marsyangdi and Bessisahar are eligible to invest.

Salient Features of the Project

1. PROJECT LOCATION	
Development Region	Western Development Region
Province	Gandaki
District	Lamjung
Intake Site	Marsyangdi Rular Municipality
Powerhouse Area	Bessisahar Nagarpalika Ward 10
Latitude	28° 12' 00" N to 28° 16' 35" N
Longitude	84° 21' 37" E to 84° 24' 40" E
2. GENERAL	
Name	Marsyangdi Nadi
Nearest Town	Bessisahar
Type of Scheme	Run-of-River
Gross Head	76.79 m
Rated Net Head	64.66 m
Installed Capacity	50,000 kW
Average Annual Energy (after outage)	307.73 GWh
3. HYDROLOGY	
Catchment Area	2,898 km ²
Mean Annual Discharge	125.654 m ³ /s
Design Discharge	90 m ³ /s
Probability of Exceedance	40.50%
Riparian Release	2,839 m ³ /s
Design Flood Discharge	2,476 m ³ /s (100-Year Flood)
4. DIVERSION STRUCTURE	
Type of Diversion Structure	Barrage
Total Length of Weir	57.5 m
Height of Dam	14 m from river bed
Normal Water Level	EL.765m
5. UNDERSLUICE	
No. of Openings	2 (Two), Radial Gates
Width	3m
Height	4m
Invert level of Sill	EL. 755m
6. SITE INTAKE	
Type of Intake	Side Intake with Orifice Openings
No. of Openings	4 (Six)
Size of Orifice (W × H)	7.9 m × 4.0 m
Invert level of Sill	EL. 760.50 m
7. APPROACH CULVERT	
Type	Concrete Box Culvert
No. of Culverts	2 (Two)
Length	32 m
Size (W*H)	5.75 m × 5.5 m (each)
8. SETTLING BASIN	
Type	Dufour, Surface
No. of Basins	6 (Six)
Basin Size	112 m [L] × 8 m [W] × 13.4 m [D] ~15.8m
Particle Size to be Settled	>0.20 mm with 90% efficiency
Inlet Transition Length	52 m
Operating Water Level	EL. 765.0 m