



Inspire to Innovate & Execute.

About Us

Enlight Energy was founded in 2015 with a mission to provide full-service engineering solutions to Power, Energy, and Smart Infrastructure sectors. It was established with a vision to serve the energy-hungry market by providing quality engineering services through the diverse team of qualified national and international experts who has over a decade of experience working in renowned companies in Asia and the United States.

We aim to achieve the trust of our clients by utilizing the full potential of our dedicated team and using innovative tools and ideas in solving their challenging engineering problems.

Our mission it to provide quality engineering services to our esteemed customers to maximize their benefits with long-term partnerships & trust.

Our vision is to inspire our team to innovate & execute to deliver extraordinary service to our clients, maximize return on the value we deliver, and promote safe and fulfilling professional career to our employees.

www.enlightenergynp.com

Core Values

Our core values are the fundamental beliefs and guiding principles for our employees on what we do and how we do our business.



We promote green and sustainable energy.



info@enlightenergynp.com

Leadership Team

Nirmal Paudel, PhD

Chairman and CEO
nirmalp@enlightenergynp.com

Dr. Paudel earned B.E. in Electrical Engineering (EE) from IOE, Pulchowk Campus in 2005, MSEE and PhD in EE from the University of North Carolina Charlotte, USA in 2009 and 2012 respectively. He has extensive experience in research and development, project management, and numerical simulation in the Power & Energy Sectors. He has worked as Applications Manager for COMSOL Inc., Sr. R&D Engineer and lastly worked as Principal R&D Engineer for ABB Inc. in North Carolina, USA. He has also worked as Sr. Consultant for various companies in the USA and as Project Leader in Nepal.

Er. Ravikesh Kumar Pandey

Managing Director
ravikeshp@enlightenergynp.com

Er. Pandey earned BE in Electrical Engineering from IOE, Pulchowk Campus and has over 13 years of experience with different multinational companies in the field of Power Project Planning, Erection, Testing and Commissioning along with Operation & Maintenance of Mega Projects. He also has in-depth knowledge of business development, forming ventures with different group/companies to provide quality & reliable services, delivering superior return sustainable value to our stakeholders.

Er. Prasis Poudel

Director
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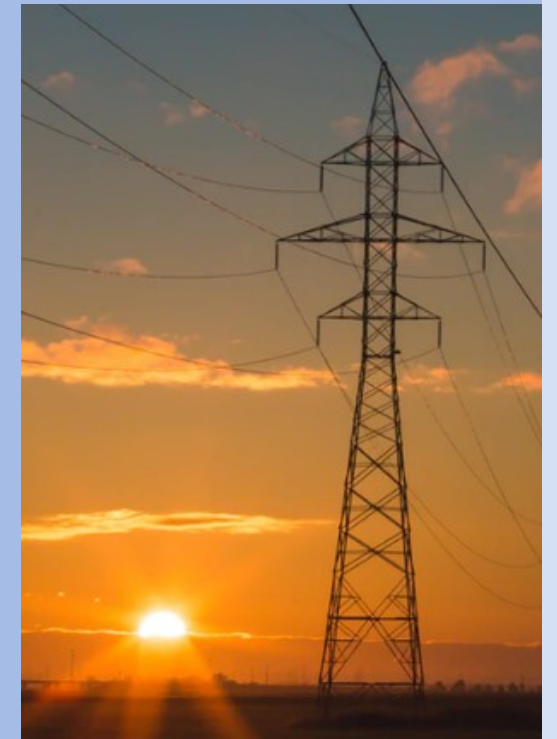
Er. Poudel received his B.E. degree in Electronics and Communication from Tribhuvan University, Nepal and his M.S degree in Electronics and Electrical Engineering from Mokpo National University, South Korea. He has 9 years of working experience in the Renewable Energy sector with various companies in Nepal and South Korea. Part of his role is design, project management and detailed technical review projects across the renewable energy industry. He has considerable experience in Solar PV, storage and wind energy system.

Mr. Khageshor Dhakal

Office and Admin Manager
khageshord@enlightenergynp.com

Mr. Dhakal has Master's in Arts in Rural Development from Tribhuvan University having 15 Years of managerial experience in different sectors like NGOs, INGOs and the business sector in the field of planning, supervision, evaluation, and monitoring for sustainable development of the rural sector.

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Engineering Consulting

Enlight Energy provides a broad range of quality engineering consulting services in the power, energy and infrastructure sectors. Our team of highly qualified national and international experts with over a decade of experience in designing are eager to meet the clients to solve their challenging engineering through innovative approach and state-of-art software and tools. Our professional services include pre-feasibility studies, feasibility studies, detailed project report (DPR), project estimation, project planning primarily in power, energy and infrastructure sectors to private and public companies.

Enlight Energy offers the following engineering services in any combination required by our valued customers. We also provide multi-disciplinary engineering services in association with our strategic partners.

- Transmission Line Design & Supervision
- Distribution System Design & Supervision
- Substation Design & Supervision
- Smart Street Lighting/Industrial Lighting/ Commercial Lighting
- Electric Vehicle Charging Infrastructures
- Hydropower & Micro-hydro Design
- Renewable Energy Consulting
- Residential and Commercial PV System Design and Installation
- Energy Storage System & Micro-grid
- Smart Grid & Energy Efficiency
- Smart City Planning
- Internet of Things (IOT)



Project Management

Enlight Energy specializes in planning, coordinating, and executing projects based on customer requirements and resource constraints. We have a pool of Project Management experts who are experienced to perform some or all activities of the project from conceptualization to project completion. We provide human resources as well as technical expertise to manage critical projects.

- Project Documentation
- Project Planning
- Project Supervision
- Project DPR
- Bid Document Preparation
- Project Management



Engineering, Procurement & Construction

Enlight Energy provides detailed engineering design, procure all the equipment and materials necessary, and construct to deliver the project or assets to their clients in the following key areas:

- Transmission & Distribution Lines
- Energy Efficiency
- Substations
- Smart Street Lighting
- EV Charging Stations
- Rooftop & Industrial Solar Projects
- Retrofit Existing Infrastructures of Hydropower or Related Projects
- Micro-Grid or Energy-Storages Projects
- Smart Street Lighting/Industrial Lighting/ Commercial Lighting

Operation and Maintenance

Enlight Energy provides effective planned maintenance and breakdown maintenance of electrical equipment for hydro plants, solar plants, steel and cement plants, and different small scale industries. Our services include:

- Planned & breakdown maintenance of electrical equipment
- Train technical staff regarding standard maintenance procedures
- AMC for breaker/transformer and feeder
- Provide electrical spares for relays/ breakers
- Annual overhauling of switchgears, turbines, and generators



Installation, Commissioning & Supply

Enlight Energy provides Installation and Commissioning services of the majority of electrical equipment based on customer requirements and industry standards. Our team of professional engineers and field technicians will work with our clients to optimize the benefits and minimize the downtime or project timeline. We also provide installation and commissioning of renewable energies projects in partnership with our strategic partners.

Enlight Energy offers the following engineering services in any combination required by our valued customers. We also provide multi-disciplinary engineering services in association with our strategic partners.

- Transformers
- Motors/Generators
- Switchgears
- Sub-stations
- Solar Power Plants (Rooftop or Standalone)
- Micro-grid
- EV Charging Stations
- High mast and monuments lighting
- Waste to Energy, Solar Water Pumping, Wind Energy, etc. through our strategic partners available locally.

Our Clients

- Utilities
- Municipalities
- Government Offices
- Power & Energy Industry
- Private Power Generators
- Renewable Energy Industry
- Schools & Hospitals
- Telecommunication Industry
- Aviation Authorities
- NGO & INGOs
- Hotel & Entertainment Industry



Reduce—Recycle—Reuse
Go Green !