



NEW LIGHT HOUSE

SOLARIZE

ABOUT US :



We, **NEW LIGHT HOUSE** evolved from a small trading firm back in the early 2000's to a major player in the electrical trade today. We are a key stockist of various manufacturers dominating the Electrical Industry.

NLH have also established its firm base in Solar EPC services where **SOLARIZE** is an initiative to build into a better future through wide range of products.

We believe in quality with technologically enhanced team for dedicated services . We are deeply committed to

- Technical Expertise
- After sales Support
- Customer Satisfaction

NLH Vision: Mr. Pradip Khemka, Founder & Managing Partner has an aim not only seeing NLH grow and prosper but also to provide our valuable customers the best of products at most competitive rates.



- Founded in 2001
- A Family Owned - Professionally Managed Organization
- Largest Electrical Trading firm in North Bengal, Sikkim & Bhutan
- Empaneled with MNRE as Channel Partner for Solar Turn-key Projects

OUR KEY MARKETS



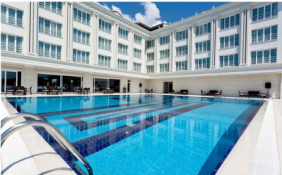
Industry



Hospitals



Utilities



Hotels

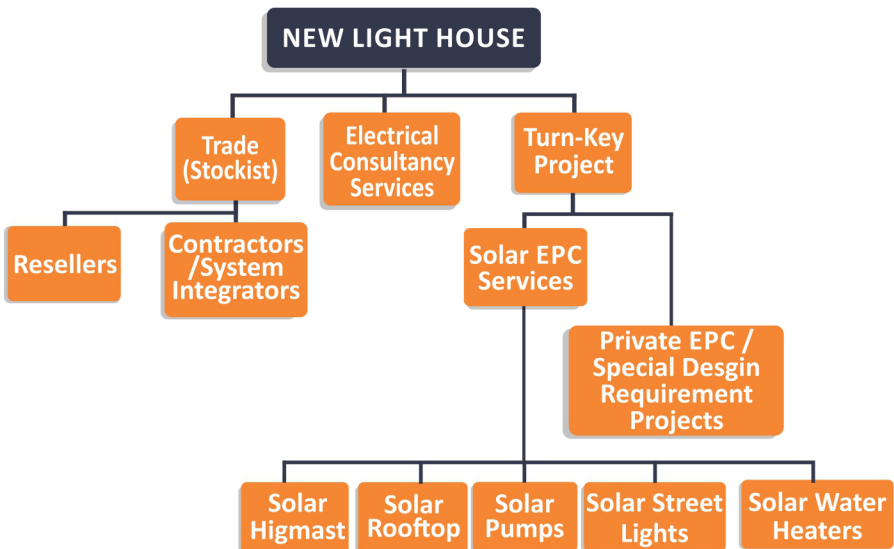


Commercial



Residential

WHAT WE DO



PRODUCTS: WHAT WE TRADE IN!



1. LT/HT ARMoured CABLES

- Aluminum Armoured/Unarmoured Cables
- Copper Armoured/Unarmoured Cables
- HT Cables
- Aerial Bunched Cables



2. WIRES

- FR/FRLSH/ZHFR
- Industrial Single Core & Multicore
- Telephone Cables (Jelly Filled/Armored)
- Co-Axial & LAN Cables- CAT6



3. LT SWITCHGEAR & CONTROL SYSTEM

- MCBs, RCCBs, Isolators , RCBOs
- MCCBs & ACBs
- Contactor & Power Relays
- Industrial Plug & Sockets
- Distribution Boards (SPN,TPN,VTPN)
- Cable End Boxes



Products: What we Trade IN!



4. LED LUMINARIES

- Indoor Commercial Lighting
- Industrial Lighting
- Flood Lighting
- Street Lighting
- Flame Proof & Clean Room Fittings
- Landscape Lighting (Post Tops & bollards)



Crompton



5. MODULAR SWITCHES & WIRING DEVICES

- Switches & Sockets
- DND, Keycards & Other Hotel Accessories
- Call Bell Indicators
- Skirting Light
- Bell Press, Double Pole Switches & Other Acc.



6. CABLE JOINTING KITS & OTHER ACCESSORIES

- LT Cable Jointing Kit For 1.1 KV Cables
- Heat Shrink Termination & Straight Through Kits
- HT Cable Jointing Kits
- Aluminum/Copper Lugs & Sockets
- Cable Glands



Products: What we Trade IN!



7. FANS & APPLIANCES

- Ceiling Fans
- Wall Mounting & Table Fans
- Pedestal & Air Circulators
- Exhaust Fan – Light & Heavy Duty
- Instant & Storage Water Heaters



8. CONDUIT PIPES & ACCESSORIES

- Pvc Conduit Pipes (LMS, MMS, FRLS)
- Conduit Pipe Accessories
- Casing Profiles, Casing Fittings
- Flexible Pipes
- UPVC Panel Trunking
- MS Conduit Pipes

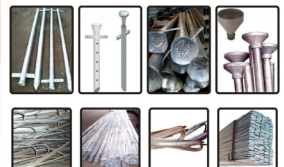


BRANDS

PRECISION
AJONTA PLAST
KALINGA GOLD
HARSH
AKG

9. EARTHING MATERIALS

- Copper/GI Plates (Hot Dip Galvanized)
2ftX2ft, 1ftX1ft in 3mm & 6mm Thickness
- Copper/GI Strips (Hot Dip Galvanized)
20x3, 25x3, 25x6, 50x3, 50x6 etc.
- GI Earthing Spikes/Pipes
- GI Lightning Arrestors
- GI/Copper Bonded Chemical Earthing



Products: What we Trade IN!



10. LT / HT PANELS

- Main Distribution Boards & Sub-Main Distribution Boards
- Street Lighting Feeder Pillars
- MCC Panels
- Capacitor Banks
- Synchronizing Panels



11. SOLAR SYSTEMS

- Solar Street Light
- Solar High Mast
- Solar Pumps
- Solar Rooftop
- Solar Trees
- Solar Water Heaters



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12. GI CABLE TRAYS & POLES

- Hot Dip Galvanized Cable Trays & Accessories
- GI/MS Tubular Poles
- Octagonal Poles
- High-Masts & Accessories
- Decorative Poles



SOLARIZE



We, SOLARIZE are an integral part of New Light House, standing firm under the expert guidance and technological advancements, having an inhouse R&D team for continuous improvements, and a dedicated service team. Right now, we are producing the following range

1. SOLAR STREET LIGHT

(Lead Acid Based / Li-Ion & LiFePO₄ Based), Available in **2 in 1 & All in 1 Model**, with Wattage ranging from **9W to 60W**)

Key Features: Automatic Dusk to Dawn Operation, Short Circuit Protection, Battery Over-charge Protection, Battery Deep Discharge Protection, PV Reverse Voltage Polarity Protection, Battery Reverse Voltage Polarity Protection, Software Watch-dog for LED Over-current Protection.

2. SOLAR HIGH MAST (Lead Acid Based / LiFePO₄)

Tested for locations having wind speed of **50m/s** & Solar Irradiation values of as low as **3.5kWh/m²/day**.

Key Features: Theft Proof Design, Automatic Dusk to Dawn Operation, Easy Maintenance (Carriage based system, with lowering and raising of the complete setup, for maintenance & cleaning), customizable design with **3 to 8 LED Fitting** options ranging from **20W to 100W**, with **2 to 3 Days** Autonomy, based on the requirements.

3. SOLAR TREE (Both On Grid & Off Grid Options)

Basic concept of the Solar Tree involves setting up off the Solar Power Plant in a **Vertical Section**, and thus minimizing the Horizontal Area involved, & maximizing the Solar Production, We have **3, 5, 10 KWp Designs**.

Key Features: STAAD verified design for at least 15 years life span, designed in collaboration with the leading institutes for maximum productivity.

We also provide installation services on request.

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18W Solar Street Light



30W Solar Street Light



100WX6 Solar High Mast



100WX6 Solar High Mast



3KWp Solar Tree



Solar Mobile Charger

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We also serve as EPC/Turn Key Contractors for following Solar Setups

1. SOLAR ROOFTOP PROJECTS

- a.** We provide end to end services for Both **On Grid & Off Grid**, Including Designing, Engineering, Planning, Procurement, Transportation, Storage, Installation, Commissioning, Testing & After Sales Support for all Solar Based Projects
- b.** We have an inhouse engineering team capable of setting up On Grid Systems of **Multiple Mega Watts** & Off Grid Systems having backups of **more than 500kWh**.

2. SOLAR PUMPS

- a.** We have a special team of Engineers working only in the segment of Pumps, and we are capable enough to provide end to end services.
- b.** Our designs are developed in collaboration with leading Engineering Institutes for **Manual Tracking Dual Axis systems**, increasing the outputs of the Pumps **2 folds** nearly.

3. SOLAR WATER HEATING SOLUTIONS

- a.** We have our expertise in the whole spectrum of products under the **Solar Thermal System**, we can give you a customized system of a Pressurized/Non Pressurized system having Forced/Thermosyphon with Direct/Indirect Heating.
- b.** We can provide pre-heating solutions to Industries & design special utility systems for Hotels/Hospitals with Capacities as high as **20,000 LPD**.

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KPS SS, WBSEDCL



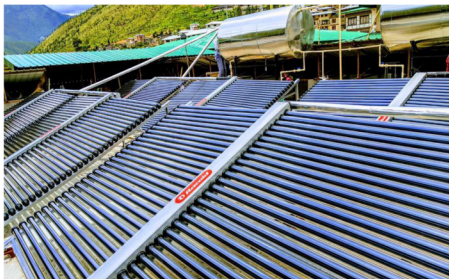
Pundibari Agri College



Alipurduar



Malda



Thimpu, Bhutan



Super Speciality Hospital
Asansol



We proudly state that we are empaneled as a channel partner of
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