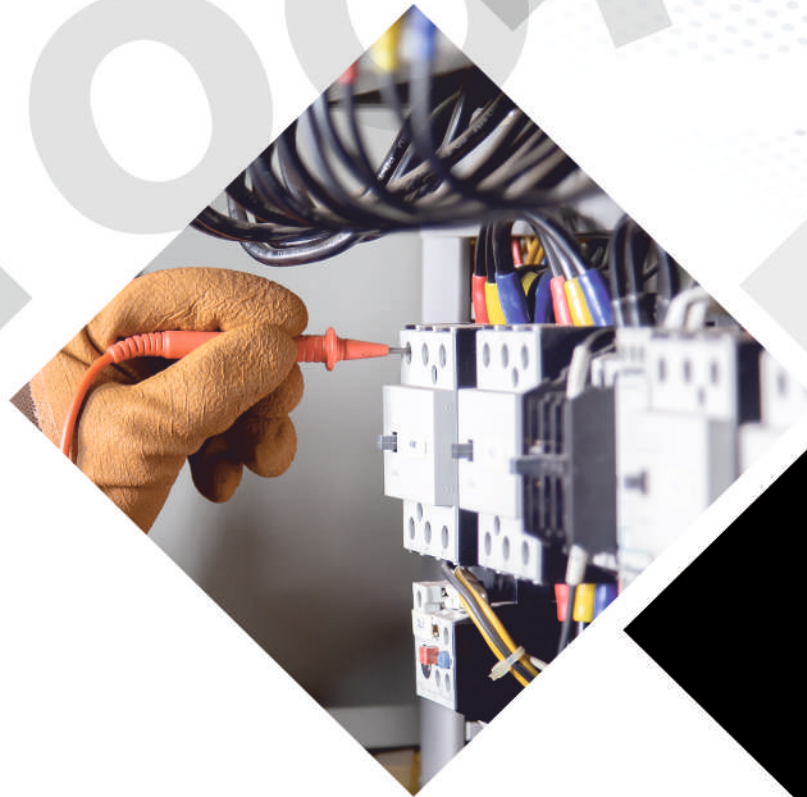



# Backbone of your **POWER INFRASTRUCTURE**




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**Prasanna Ventures**

Since 2005

TRANSFORMERS - DRY & OIL

CABLES

FEEDER PILLARS

RING MAIN UNIT (RMU)

CABLE ACCESSORIES

COMPACT SUBSTATION



## DISTRIBUTION TRANSFORMERS / GREEN TRANSFORMERS

Transformers are essential components in electrical transmission networks, designed to step up or step down voltage levels for efficient power distribution.

### Key Features :

- Oil-immersed design for efficient cooling
- ONAN/KNAN options
- High short-circuit strength and overload capacity
- Synthetic or natural ester oil options available for fire safe areas

### Makes:

- Technoflux 
- Accord 



## DRY TYPE TRANSFORMERS

Dry Type Transformers are air-cooled, environmentally safe, and ideal for indoor applications where fire safety and minimal maintenance are critical.

### Key Features :

- Vacuum Pressure Impregnated (VPI) or Cast Resin construction
- Flame-retardant, moisture-resistant design
- Low noise and minimal maintenance

### Makes:

- Ames Impex 
- Accord 



## RING MAIN UNIT (RMU)

A **Ring Main Unit (RMU)** is a compact, fully sealed switchgear used in medium-voltage power distribution systems. Designed for both indoor and outdoor applications, RMUs ensure reliable and uninterrupted power supply with enhanced safety and operational flexibility.

### Key Features :

- Rated voltage up to 36 kV
- SF<sub>6</sub> or solid insulated switchgear options
- Compact and modular design for space-saving installations
- Maintenance-free, sealed-for-life construction
- Manual, motorized, or remote operation
- Integrated protection relays and fault indicators

### Makes:

- C-sec 
- Northbywest 



## COMPACT SUBSTATION

A Compact Substation is like a big electric box that takes high-voltage electricity coming from the power lines and converts it into lower voltage that buildings, factories, or data centers can safely use. It's fully built in a factory and just placed on-site, ready to work.

### Key Features :

- All-in-One Unit – transformer, switchgear, and control panels inside one enclosure.
- Space-Saving – much smaller than a traditional substation.
- Safe & Enclosed – tamper-proof, weatherproof, and reduces risk of electric accidents.
- Quick to Install – factory-made, so it's almost plug-and-play at the site.
- Low Maintenance – sealed and designed for long service life.
- Customizable – can be designed for specific power needs (for industries, townships, metro stations, solar/wind plants, etc.)

### Makes:

- Accord 



## CABLE ACCESSORIES

Cable accessories are essential components that ensure reliable performance, connectivity, and safety in power cable installations. Designed for use with both low, medium, and high voltage cables, they provide mechanical protection, electrical insulation, and environmental sealing.

### Key Products :

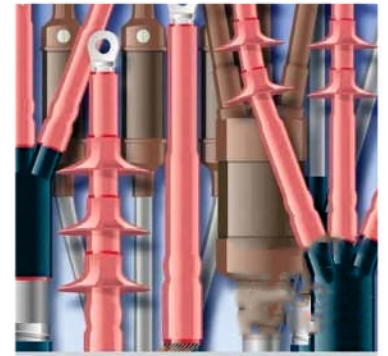
- Heat Shrink & Cold Shrink Terminations
- Cable Joints (Straight Through & Transition)
- Indoor and Outdoor End Terminations
- Sealing End Caps and Insulation Boots
- Lugs, Connectors & Earthing Kits

### Key Features :

- Suitable for XLPE, PILC, and PVC cables
- Voltage range up to 66 kV
- Weatherproof, UV and moisture resistant
- Easy installation with minimal maintenance

### Makes:

- Raychem  • 3M 



## CABLES

Power cables are critical for efficient and safe transmission and distribution of electricity across industrial, commercial, and residential sectors. Engineered for reliability and performance, our range of cables meets diverse voltage requirements and environmental conditions.

### Types Available :

- Low Voltage (LV) Cables – Up to 1.1 kV
- Medium Voltage (MV) Cables – Up to 33 kV
- High Voltage (HV) Cables – Above 33 kV
- Control & Instrumentation Cables – For signal and control circuits
- Fire Retardant and Flame Retardant Cables (FRLS, FR, HRRF)
- Armoured and Unarmoured Options

### Key Features :

- Copper or Aluminium conductors
- PVC, XLPE, or EPR insulation
- High thermal, mechanical, and chemical resistance
- Conforms to IS, IEC, and BS standards
- Available in single and multi-core configurations

### Makes:

- Polycab 
- Finolex  



## FEEDER PILLARS

Feeder Pillars are robust electrical enclosures used for the safe and efficient distribution of electrical power in outdoor and industrial environments. They serve as key junction points, housing circuit breakers, fuses, and control devices for managing multiple outgoing circuits.

### Key Features :

- Rated up to 6300A / 415V
- Weatherproof and dustproof (IP55/IP65) enclosures
- Fabricated from CRCA steel, stainless steel, or aluminium
- Optional metering, surge protection, and load monitoring
- Available in floor-mounted and pole-mounted designs
- Customized designs for utility and industrial standards

### Makes:

- Success 

