

EXCELLED ENGINEERING

....Service Fast, Quality Must



EXCELLED ENGINEERING

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BUSBAR TRUNKING SYSTEM (BBT)

- Power Busbar Trunking System
- Lighting Busbar Trunking System

SUB-STATION

- LT Switchgear
- PFI Panel

CONTROL SYSTEM

- Motor Control Center Panel (MCCP)
- Sub Distribution Board
- Main Distribution Board
- Star-Delta Motor Control Panel
- VFD Drive Motor Control Panel
- Boosting System
- DG Synchronization Panel
- Auto Changeover Panel
- Manual Changeover Panel
- PLC, HMI & VFD Control any Panel

AUTOMATION PRODUCTS

- VFD Supply & Installation
- PLC Supply & Installation
- HMI Supply & Installation

SPARE PARTS SUPPLY

- Various spare parts of Spinning Factory

ABOUT EXCELLED ENGINEERING

EXCELLED ENGINEERING is one of the leading Engineering company focused on designing & supplying Medium Voltage, Low Voltage Switchgear, Motor Control Central Panel, Boosting System Panel, Busbar Trunking (BBT), Automation Product, Solar System & Spinning Machine Spare Parts. We have a team of highly skilled & long experienced expertise. We have an excelled team to work for BBT design & Installation. We are working with some of world famous brands (Megaduct-Malaysia, Mitsubishi-Japan, Siemens-Germany, Danfoss-Denmark)

VISION

To be the Leader in Engineering Switchgear solutions through providing innovative ideas, appropriate equipment and up-to-date technologies in order to complete their project successfully, on-time and within budget.

MISSION

- To develop and supply intelligent solutions and services for electrical distribution systems.
- To respond and adapt to our customer needs, enabling the supply of energy safely and reliably.
- To provide the highest quality services at the fairest cost.
- To achieve success through the commitment of our employees.

VALUES

We aim to eliminate the task of dividing your project between different engineering companies. We are a company that offers design and materials for you from beginning to end of work.

QUALITY POLICY

Service Fast, Quality Must is our slogan. So, we ensure you to provide highest level of quality of the products that we manufactures.

BUSBAR TRUNKING (BBT) SYSTEM



Busbar Trunking System (BBT) is a prefabricated trunk consisting of Copper/ Aluminium busbars and suitable insulating medium. In electrical construction, uses to transporting electrical power to a shorter distance but many utilization points. Though cables can also be used in these areas but the economic impact would be high compared to Busbar Trunking System. BBT System will help us to tap power directly from where we want it to be and make utilize to the service point.

You should use BBT system over traditional cable system for the below specific reasons.

COMPACTNESS: Busbars have a compact design where the compressed flat conductors can easily pass through the enclosure. Due to the compact design, busbars require lesser space than traditional cabling systems and this is a major advantage when thousands of amperes of electricity need to be transmitted. For this reason, BBT is a preferred choice in all over the world.

FIRE RETARDANT: Since the design is compact and has a metal casting with well-defined surface, busbars can absorb heat generated while transmissions and distribution of electricity in the walls of the enclosure. The system of cooling is much better than traditional cabling system. That's why the possibility of fire is more less than cable system.

FLEXIBILITY: Busbars are more flexible in nature compared to cables in the sense that it can be used in any kind of structure with any configuration. They are easily modifiable and hence the addition of an extra room or building can be easily done. Busbars can also be relocated without much of a capital expenditure.

ECONOMICAL: Inherently flexible design ensures easy installation and maintenance thus resulting in lower installation and maintenance costs.

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REDUCED ENERGY LOSS: Busbars have lower resistance than cables. Hence the loss of energy due to transmission and distribution is lower in Busbars.

EASE OF DISTRIBUTION: To distribute power it's very easy to install BBT for its construction and the accessories with some special items (feed unit, Elbows-Flat wise Elbow, Edgewise Elbow, Offset Elbow, Tee Elbow, Flange End, End Feed Cable Box, Joint sets, Tap-off Box, Offset Elbow with degree, Transposition Unit etc).

SAFE AND SECURED: Busbars are fitted with a steel casing and can't be damaged by rodents as compared to cables.

We are supplying World Class MEGADUCT Busbar Trunking System manufactured from Singapore for our Valued Clients. We assured to our clients to the quality and the reliability of MEGADUCT BBT is as like SIEMENS. So, you can use MEGADUCT as your first choice.

MOTOR CONTROL CENTER PANEL (MCCP)



A Motor Control Center Panel (MCCP) is an assembly of one or more enclosed sections having a common power bus and principally containing motor control units. Motor control centers are in modern practice a factory assembly of several motor starters. A motor control center panel can include Breakers, Magnetic Contactors, Variable Frequency Drives, Programmable Controllers, Metering Units, and Cables and may also have Human Machine Interface. Motor

Control Center Panel has been used by the large Manufacturing industry which used large numbers of electric motors, Power Plant and many High Ridge Buildings.

We are supplying MCCP for our Valued Clients with maintaining all required standards & quality as per the requirements and design of the clients.

WATER BOOSTING PUMP SYSTEM



A Booster Pump increases low water pressure and flow. It provides the extra boost needed to bring your water pressure to the desired level. A water booster pump provides pressure to move water from a storage tank to a whole house or commercial facility. Where the water pressure is too much low we can use water booster pump system and we can solve the problem. Sometimes we installed over size pump to supply the proper quantity of water, In that case we spend more electricity cost. If we install boosting system it can minimize the electricity cost because this system is controlled by the demand of water. So, easily we can

understand the water boosting system helps us by provide desired water pressure and reduce electricity cost.

LT SWITCHGEAR



Electrical switchgear refers to a centralized collection of circuit breakers, fuses and switches (circuit protection devices) that function to protect, control and isolate electrical equipment. The circuit protection devices are mounted in metal structures. A collection of one or more of these structures is called a switchgear line-up or assembly. Switchgear is commonly found throughout electric utility transmission and distribution systems as well as in medium to large sized commercial or industrial facilities. We are supplying Medium & Low Voltage Switchgear for our valued customers with maintaining all standards & quality.

SOLAR SYSTEM



Now a day's solar energy is more popular in all sectors of Bangladesh. There are three options: Off Grid Solar Energy System, On Grid Solar Energy System and Hybrid.

OFF GRID SOLAR ENERGY

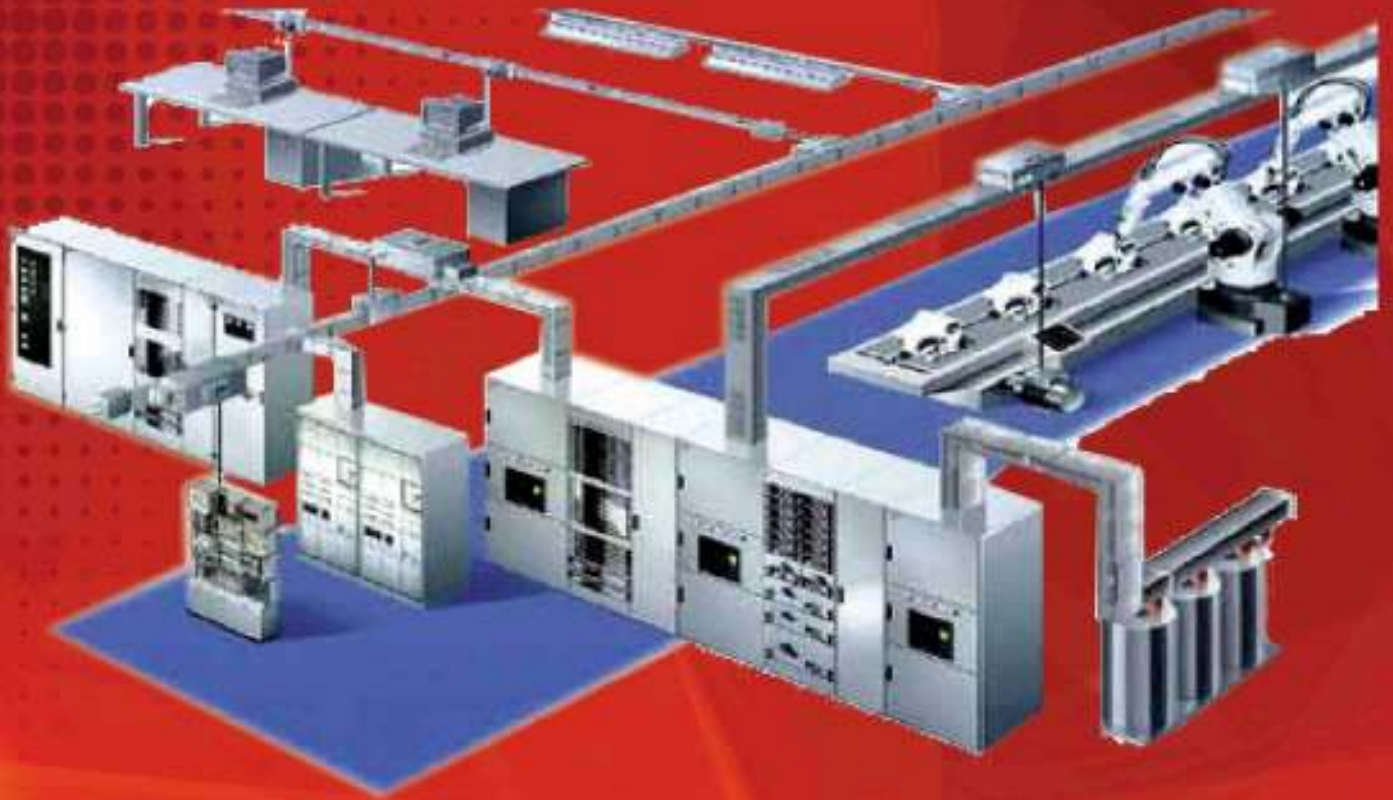
Off Grid Solar Energy designed as lighting solutions for rural areas not connected to the grid. Today it is a convenient way for households and small enterprise owners to have access to clean and low cost electricity, free of load shedding and power cuts.

ON GRID SOLAR ENERGY

We can use On Grid Solar Energy System with our existing Electricity Line whatever household or large industry and it will minimize the Electricity Bill.

You can recover your investment within 2.5Years by using On Grid Solar Energy. And we can assure we will provide you the best solution within minimum cost.





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WORKSHOP

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