## Welcome to the Product Presentation of



**S&S Power Switchgear Equipment Limited** 

(Largest Manufacturers of Disconnectors)



### Quality policy...

S&S Power Switchgear Limited is committed to total customer satisfaction in a consistent manner. We engage in identifying and understanding customer requirements and ensure it's accomplishment, right the first time, On-time, every time.







## Disconnector Normal Voltage ranges are 36kV to 420kV

TYPE OF DISCONNECTORS

**Center Break Disconnector** 

**Double Break Disconnector** 

**Pantograph Disconnector** 

All Disconnectors are supplied in different configurations
Without earth, With single earth & With double earth



#### Our market presence..

#### **Domestic**

All Electricity Boards -

PGCIL / NTPC / State Utilities

Major EPC Turnkey Contractors

**Nuclear Establishments** 

Major Industries

Renewable Energy-Hydro/Wind/Solar

#### **International**

Malaysia

Bangladesh

Kenya

Vietnam

Nepal

**United Kingdom** 

# Opportunities to enhance the lifetime and safety of Disconnectors..

- Conversion of Mechanical gang to Electrical gang for 420kV Disconnectors/Earth switches.
- Introducing mechanical safety interlocks for old switches.
- Replacement of old/Pneumatic drive mechanism into newly developed a luminium enclosure mechanism.
- Replacement of old hampers with new enhanced hampers.
- Replacing important spare parts in contact areas.

#### Features...

- Robust construction of a luminium drive boxes.
- Improved design of contacts with finger contacts for smooth & 360° rotation of terminal stem.
- Easy to convert the mechanical gang mechanism into electrical gang.
- Drive box wiring suitable for existing model without any change in circuit diagram.
- Low cost with improved quality.
- Engineered spare parts for our existing Disconnectors and other manufactures also.

#### Features...

# All S&S Power Disconnectors share the following features:

- High versatility
- Easy installation and adjustment
- Smooth Operation
- Low maintenance
- High reliability
- High performance
- Improved Quality

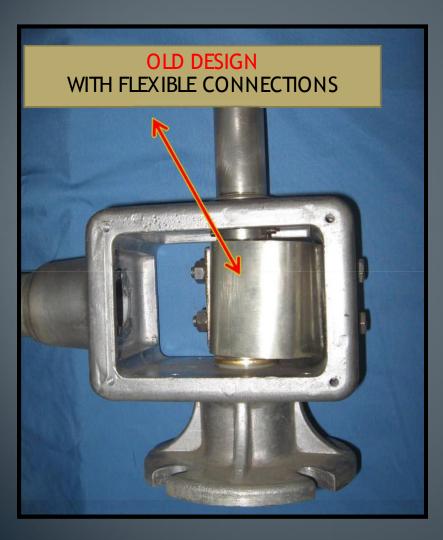
## The major advantages of retrofit & refurbishment over new installations are..

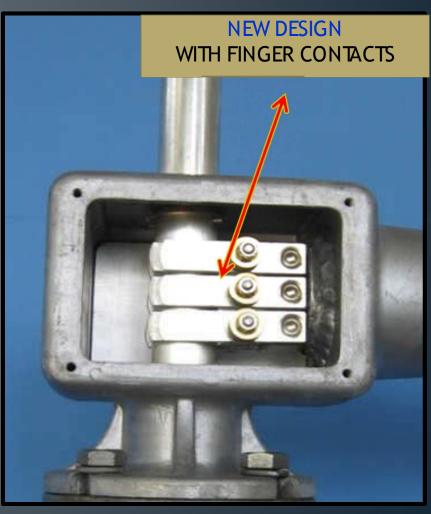
- Minimum shut down time of the substation bays
- Extended life time of the disconnector with a minimum investment
- Extended warranty for the disconnectors
- Highly cost competitive compared to a new disconnector

## NEW IMPROVED DESIGN OF MOTOR/MANUAL OPERATING MECHANISMS



## IMPROVED DESIGN OF CONTACTS WITH FINGER TO MAINTAIN CONSISTANCY IN CONTACT RESISTANCE





#### Past Performance..

#### Work done on Pantograph Isolators:

- 1. Jetpur GETCO
- 2. Asoj GETCO
- 3. Ukai GETCO
- 4. Lanco Kondapalli
- 5. Anpara Thermal Power
- 6. CESC –West Bengal

### Work done on RC/RD Isolators:

- 1. Powergrid India
- 2. NTPC/Utilities
- 3. Major Industries
- 4. State Electricity Boards



## Product Upgrading...

### Conversion of Mechanical Gang to Electrical Gang



## Product Regeneration..

### Replacing old hampers with enhanced hampers









## Retrofitting...

Replacing the old Mechanism with newly developed Aluminium Enclosures





## Overhauling...

### Replacing old parts with newly engineered spare parts



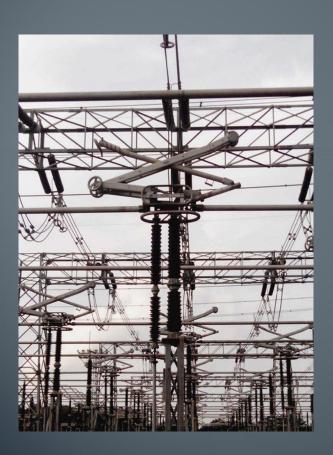








## Retrofitting of Pantographs...













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## ..Thank You...

Looking forward to a long & mutually beneficial business relationship

Always ready to seize new opportunities & take up new challenges..