

# SMC CENTRE BREAK DISCONNECTOR RETROFIT



**Client : Bhutan Power Corporation**

**Location : Semtokha, Thimphu, Bhutan**

## BEFORE RETROFIT ( SMC MAKE )



## AFTER RETROFIT ( S&S MAKE )



Quick turn around time  
10 Sets (10 x 3= 30 Poles) of  
220kV Centre break has been  
replaced with in 32 Shutdown  
days.

- 1) Base Assembly
- 2) Insulators
- 3) Current carrying Parts
- 4) Drive Mechanism
- 5) Terminal connectors



### ISSUES IDENTIFIED AT SITE

- \* Aging of Disconnector (Main contacts damage and Rusting of Pipes and Hardwares)
- \* Non functioning of Electrical operation (Local/ Remote)
- \* Electrical components faulty
- \* Water ingress inside of drive mechanism  
Rusted of whole drive box  
Non availability of remote operation facility

### CHALLENGES FACED

S&S Power were tasked to replacing the old SMC full disconnector and to be manufactured & delivered within the requested time frame and within the allocated budget

### SOLUTION PROVIDED

S&S Disconnectors were designed & manufactured to match existing mounting position and terminal connection.



FOR ENQUIRIES PLEASE CONTACT [sales@ssppower.com](mailto:sales@ssppower.com)