

# TATA MERLIN & GERIN CB DISCONNECTOR RETROFIT



Client : NPCIL, Madras Atomic Power Station  
Location : Kalpakkam, TamilNadu

## BEFORE RETROFIT ( TMG MAKE )



## AFTER RETROFIT ( S&S MAKE )



31 Sets of Male and Female hampers of 220kV Centre break Disconnector replaced within 17 shutdown days

### ISSUES IDENTIFIED AT SITE

- \* Main contact Damage / Hot Pits & Burns
- \* Old Torque bearing arrangement got rusted
- \* High contact resistance and high temperature values. Hard & Jerking operation during open / close
- \* Old Drive Mechanism is man replaced

### CHALLENGES

- \* 35 years old Disconnector
- \* Current carrying parts and drive mechanism need to be replaced with S&S Spares
- \* Replacement within stipulated time period

### SOLUTION PROVIDED

- \* Disconnector Current carrying parts and Motor operating mechanism designed and manufactured accordingly to match terminal connection and mounting position



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