



STORY OF S&S POWER

1975



Inception of S&S by Sethuraman & Shanthanakrishnan based in Chennai

1978



Porur factory commissioned, Started commercial production of : Pantograph type & switching isolators for EHV systems (66KV to 400KV)

1981



Vacuum circuit breaker was introduced for the first time in India (collaboration with brush switchgear)

1984



MV SF6 manufacturing started in collaboration with brush switchgear

1986



Porcelain clad vacuum CB for 11kV & 33kV developed and introduced

1989



Introduced miniature circuit breaker in collaboration with AEG Germany

1990



Acquisition of S&S by the Jalan group

1995



Setup a joint venture with Top Rank in Kuala Lumpur in Malaysia for manufacturing MV switchgear in TNB Malaysia

1996



Pondicherry state of the art disconnector works established, Acquisition of acrastyle UK

2000



Hived off LV & MCB business to schneider, Hived off LV & MV fuse business to Cooper Bussmann

2006



Exited joint venture in Kolalampur Malaysia, Set up AIPL

2009



Set up AEPS for Maglatch manufacturing & export

2011



Established JV with coelme for disconnector product promotion

2016



Shifted the headquarters of S&S Power to the sprawling 50,000 Sq. feet integrated multi model facility in Maraimalai nagar

2019



Global product range RD145G has been registered & approved by ENA(UK), SAP B1 implemented.

2020



Developed 40KA indoor VCB HHV12 PRIME to service contract from MAPS

2021



S&S PSE Unit-II has been set up in Maraimalai nagar, Chennai

2022



Pondicherry unit operations transferred & colocated with Maraimalai Nagar, Chennai

S&S POWER PRODUCT OFFERINGS

HIGH VOLTAGE DISCONNECTOR / ISOLATOR

S&S Power offers a wide range of disconnectors ranging from 12kV to 550kV. We have supplied more than 50,000 nos of disconnectors to 40+ countries World wide. Our disconnectors are designed as per IEC 62271-102 standards.

CENTRE BREAK



Rated voltage : 12 kV to 550 kV
 Rated continuous current : 400A to 4000A
 Rated short-time withstand current : 25kA to 63kA for 1sec / 3 seconds

DOUBLE BREAK



Rated voltage : 12 kV to 420 kV
 Rated continuous current : 400A to 4000A
 Rated short-time withstand current : 63kA for 1sec

PANTOGRAPH



Rated voltage : 123 kV to 550 kV
 Rated continuous current : 400A to 3150A
 Rated short-time withstand current : 50 kA r.m.s for 1 sec with 125kA peak

VERTICAL BREAK



Rated voltage : 12 kV & 72.5 kV
 Rated continuous current : 400A to 3150A
 Rated short-time withstand current : 25kA/3 sec, 31.5kA/3sec

R3 SERVICES

- Retrofit
- Refurbishment
- Rejuvenation
- Automation services
- Engineering services
- Training & assessment
- Asset management
- Modernization of HV substation
- Warranty & non warranty services



DISCONNECTOR R3 SERVICES OFFERINGS

S&S Power has developed the R3 service for high voltage disconnectors.

- 1) Mid life extension
- 2) Mechanical to Electrical ganging
- 3) Motorisation of old product
- 4) Reconditioning insulator
- 5) Enabling smart drive box
- 6) Mechanical interlock enhancement
- 7) Performance rating upgrade

CONVERSION OF MECHANICAL GANG TO ELECTRICAL GANG

Mechanically ganged



Electrically ganged



MV CIRCUIT BREAKER & SWITCHGEARS

We offer a full line of Indoor switchgear & outdoor circuit breakers with voltage range up to 36kV & current range up to 2500A. We have supplied more than 20,000 nos of circuit breaker & switchgears to all major utilities in India & World wide.

OUTDOOR CIRCUIT BREAKER

OFVP12



Rated voltage : 12kV
 Normal rated current : up to 2000A
 Short circuit breaking capacity : 25kA

OFVP36



Rated voltage : 36kV
 Normal rated current : up to 2000A
 Short circuit breaking capacity : 25kA

INDOOR SWITCHGEAR

HHV12



12kV
 630A - 1600A
 31.5kA/3s

HHV36



36kV
 upto 2000A
 25kA

HHV12 PRIME



12kV
 800A - 2500A
 40kA/3s

MV SWITCHGEAR R3 SERVICES OFFERINGS

- 1) Replace AIR, OIL, SF6 by Vacuum Truck / Cassette
- 2) Upgrade panel by close door operation safety kit
- 3) Servicing of existing component in panel chambers such as CT, cable etc and vermin proofing
- 4) Increase the current carrying capacity of busbar & VCB

40kA Breaker retrofit : We recommend to replace the existing SF6 breaker, oil breaker & air breaker with new vacuum circuit breakers in order to ensure the safe and reliable operation of your switchgear



Existing ABCB Type - DBH 10M 600

Retrofit VCB Type - HHV12 PRIME

PROTECTION & CONTROL PANEL

Our group company APIL Designs, Manufactures and offers different types of Control , Relay and Protection panels up to 420 kV level to the Esteemed customers in India and abroad

- ★ Remote Tap Changer panel
- ★ VCB panel
- ★ GIS LCP
- ★ Annunciator panel
- ★ SAS panel
- ★ Gateway panel
- ★ Network panel
- ★ Telecommunication panel
- ★ Protection panel
- ★ Control panel
- ★ RTU & SER
- ★ Protection & control panel for :
 - 1) GT
 - 2) EHV/HV
 - 3) Line
 - 4) Trap
 - 5) Busbar
 - 6) Capacitor bank



PROTECTION & CONTROL PANEL R3 SERVICES OFFERINGS

We offer to make your existing relays safe, efficient & reliable with new technical features. We offer retrofit of electromechanical to digital relays.

- 1) Engineering services
- 2) Protection design services
- 3) Relay commissioning and testing
- 4) Relay co-ordination
- 5) Factory automation in LV side of electricity delivery
- 6) Protection architect consultancy
- 7) Power system, Industrial & Machine automation services





S&S POWER SWITCHGEAR LIMITED

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SPECIALIST IN POWER SWITCHING & PROTECTION PRODUCTS & SERVICES