

# SS Southern States

*The Relentless Pursuit of Innovation.*

## Message from CEO & President Raj Anand:

"As part of our continuous effort to spark innovation, Southern States is excited to introduce many new products and solutions to the market at this year's IEEE Conference & Exposition. Our team of experienced professionals are working every day to provide the best customer care to our market and we are excited for the future of our great company."

## FEATURED SOLUTIONS:

- Transmission Line Switching
- Automation & Sensors
- Disconnect Switches
- Reactive Power Switching
- Customized Mobile Solutions
- Distribution Line Sectionalizing

## IEEE SS EVENTS:

### HOSPITALITY SUITE

Tuesday, April 17th  
5:30PM – 11:00PM

### T-FDIR SHOWCASE

Wednesday, April 18th  
2:30PM – 3:30PM (Room 709)

### IN-BOOTH CRAFT BEER TASTING EVENT

Wednesday, April 18th  
6:00PM – 8:00PM

## News SOLUTIONS, NOT JUST PRODUCTS — QUALITY AND INNOVATION DELIVERED

*Southern States continues to innovate to solve the most difficult issues facing the electrical utility market. Come see the latest breakthroughs in transmission automation, customized mobile solutions, distribution line sectionalizing, reactive power switching, and more at **booth #2572 at the 2018 IEEE PES T&D Conference and Exposition.***

## EV-2H w/LLS<sup>®</sup>-I 145 & MACI<sup>®</sup>

### EV-2H

- Efficient, high capacity current transfer hinge contact design
- Low maintenance, robust design
- Comes fully adjusted for easy installation

### RATINGS:

- Max Voltage: 15.5 kV - 362 kV
- Continuous Current: 3000 A / 4000 A  
2000 A coming in 2018

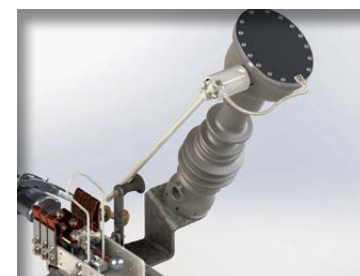


### LLS<sup>®</sup>-I 145

- Single gap SF6 puffer interrupter
- Long life performance – 2000 load break operations

### RATINGS:

- Max Voltage: 145 kV
- Load Break: 2000 A
- Line Dropping: 100 A
- Loop Splitting: 2000 A (60 kV max)



### MACI<sup>®</sup>

- Ensures blade of a disconnect switch is correctly placed and rotated in the jaw
- Binary, reflective closed indicator
- False positive not possible



THE POWER OF IDEAS

## ES-1 Phase over Phase 3 Way with LLS®

- Unique live parts that require very low operating effort
- Trouble free contact alignment
- Shipped fully assembled and adjusted
- Quick and simple installation process (unfold/lift)
- Proven SF<sub>6</sub> single gap, **LLS**® interrupters for worry-free switching under all conditions

### RATINGS:

- Max Voltage: 72.5 kV - 145 kV
- Continuous Current: 1200 A / 2000 A



## Tertiary **RLSwitcher**® (Type RLS38T)

- Switches shunt reactors located on a transformer tertiary
- Patented interrupter minimizes probability of harmful re-ignitions, ensuring long-life performance
- Ships fully assembled, minimizing installation time

### RATINGS:

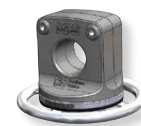
- Max Voltage: 15.5 kV - 38 kV
- Continuous Current: 1600 A / 2000 A / 3000 A



## Smart Trip®

- High voltage sensor system that offers monitoring and fault detection and diagnosis technology to provide a trip signal to a switching or protection device
- Applications: Transformer protection, cap bank protection, reactor switching protection, bus & line monitoring
- Displayed on Tertiary **RLSwitcher**®

ICS® sensor

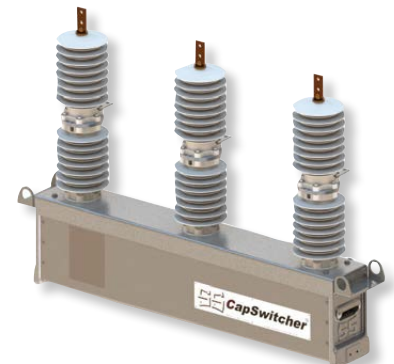


## CapSwitcher® (Type CAP27M)

- Provides restrike free switching of capacitor banks
- Eliminates need for inrush reactors
- Shipped assembled and pressurized, minimizing installation and setup

### RATINGS:

- Max Voltage: 27 kV
- Continuous Current: 400 A



## Smart Sectionalizer™

- Hydrophobic cycloaliphatic epoxy resin encapsulated vacuum interrupters
- SEL 2411 Relay
- Also available with SEL351R, SEL651RA, and SEL651R2 relays
- 5 year warranty (10 year on battery)

### RATINGS:

- Max Voltage: 15.5 kV, 27 kV, 38 kV



## Mobile Solutions

- Specific purpose configurations
- Custom 3D model engineering
- Proven, reliable, and flexible designs
- Fast access and deployment
- Ideal for interim and permanent use
- DOT compliant



## Ballistic Solutions – Ballisti-Wall® & Ballisti-Cover®

- CIP-014 compliant
- Critical asset protection
- Electrically & thermally non-conductive
- Ease of installation
- Turn key services available



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## Southern States Notable Events:

### Hospitality Suite

*Tuesday April 17th (5:30PM - 11:00PM)*

*Hyatt Regency Denver at CCC*

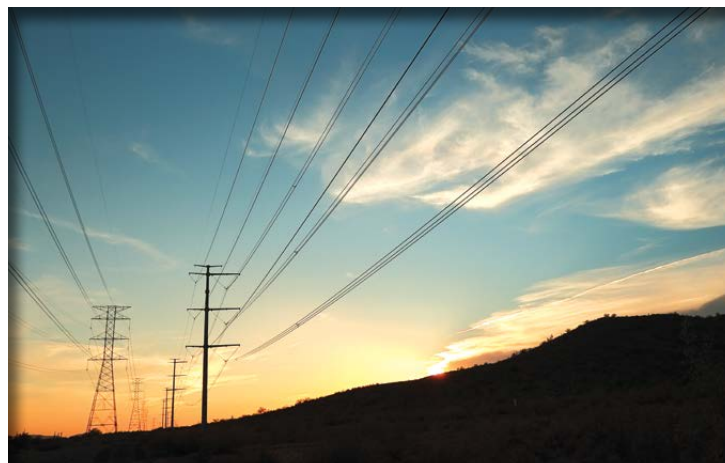
*Bristlecone Suite (Room # TBD)*



## T-FDIR Product & Solutions Showcase

*Wednesday April 18th (2:30PM - 3:30PM, Room 709)*

Southern States has developed a solution to quickly reduce the reach and duration of an electrical outage. Using our patented intelligent circuit sensor, the **ICS**<sup>®</sup>, utilities can employ **Smart Tap**<sup>®</sup> enabled fault detection, isolation, and restoration (T-FDIR). This automated process will be able to drastically improve a utility's reportable reliability figures.



- Isolation & restoration ensured within 3 recloses
- Easy installation / Minimal maintenance
- Lower SAIDI minutes relative to traditional methods
- Reduction of lost revenues, labor costs, and regulatory penalties
- Higher levels of end user satisfaction

## After-Hours Booth & Craft Beer Tasting Event

*Wednesday April 18th (4:30PM - 8:00PM)*

*Southern States Booth (#2572)*

- Beverages @ 4:30PM
- Hors D'oeuvres @ 5:30PM
- Special Craft Beer Tasting @ 6:00PM

