

## **The Expert in High Voltage Switching Goes...Mobile!**

*Low cost, highly reliable all-in-one mobile switching solutions help you restore power quickly so you can reduce unplanned outage durations and potentially save millions of dollars down the road.*

System stresses and powerful storms are placing increasing pressure on your high voltage equipment. As a result, overall reliability has become a major issue in the utility market.

Imagine your OCB has failed and the forecast is for another hot day tomorrow. You can't replace the OCB in a timely manner, the manufacturer of the OCB has long since stopped supporting this product and your stock of replacement parts has been depleted - so repair is not an option either. **What is your contingency plan to minimize your customers' outage time?**

Now, thanks to Southern States, there's a more reliable, faster and proven cost-effective solution.



***Mobile switching is the ultimate insurance policy.***

Southern States can build a mobile switching & protection device to give you more capabilities and options when you need them most. What's more, we can provide a variety of equipment configurations and combinations for practically any purpose.

***Another innovative example of the Power of Ideas.***

Listening to your needs and concerns and building a better mousetrap is what sets Southern States apart. And to meet the growing need for increased reliability in the utility market, we have made virtually all of our innovative solutions available as...you guessed it...mobile solutions.









That makes Southern States the only manufacturer of power switching equipment to offer a complete mobile package.

***If you can describe it, we can supply it.***

Need a mobile disconnect switch or a mobile circuit switcher in your fleet of emergency response equipment? Whatever your problem, we'll come up with an imaginative solution that is ideally suited for your mobile needs.

**To find out how we can help you, call us at 770-946-4562**

# MOBILE SWITCHING, PROTECTION, AND INSTRUMENTATION

PRODUCTS	SPECIFICATIONS	PRODUCTS	SPECIFICATIONS
 <p><b>EV-2 161kV, 2000A</b> <b>DISCONNECT SWITCHES</b></p>	<p>15.5kV-242kV    600A-6500A</p> <ul style="list-style-type: none"> <li>• Eight (8) different models</li> <li>• Aluminum or copper live parts</li> <li>• Silver to silver contact points</li> </ul>	 <p><b>CSH-B 145kV, 1200A</b> <b>HORIZONTAL CIRCUIT SWITCHERS</b></p>	<p>38kV - 242kV    1200A-2000A</p> <ul style="list-style-type: none"> <li>• Makes and breaks current in SF<sub>6</sub></li> <li>• Primary fault interrupting ratings to 40kA RMS</li> <li>• 4kA secondary thru fault interrupting rating</li> <li>• Visual dielectric information</li> </ul>
 <p><b>EPG</b> <b>GROUND SWITCHES</b></p>	<p>15.5kV- 242kV    38kA-80kA</p> <ul style="list-style-type: none"> <li>• Aluminum or copper construction</li> <li>• Conventional and high speed models available</li> <li>• Can be supplied as stand alone or group operated</li> </ul>	 <p><b>LSH 230kV, 1600A</b> <b>HORIZONTAL LOAD &amp; LINE SWITCHERS</b></p>	<p>38kV - 242kV    1200A-2000A</p> <ul style="list-style-type: none"> <li>• Makes and breaks current in SF<sub>6</sub></li> <li>• 40kA RMS fault close and withstand ratings</li> <li>• Designed for load dropping, loop splitting, line and cable dropping</li> </ul>
 <p><b>BPA 46kV, 100A</b> <b>POWER FUSES</b></p>	<p>15.5kV-170kV    100A-400A</p> <ul style="list-style-type: none"> <li>• Available with up to 40kA RMS asym. interrupting rating</li> <li>• Can sustain 3 full-fault operations before required replacement of fuse holder</li> <li>• A variety of mounting positions available</li> <li>• Fuse kits, holders, and live parts readily available</li> </ul>	 <p><b>LLS-II 123kV, 2000A</b> <b>LOAD AND LINE INTERRUPTERS</b></p>	<p>15.5kV-242kV    2000A - 3000A</p> <ul style="list-style-type: none"> <li>• Single gap SF<sub>6</sub> interrupter</li> <li>• Visual dielectric indication</li> <li>• Maintenance free</li> <li>• Mounts on vertical break group operated disconnects</li> </ul>
 <p><b>Current Measurement</b> <b>CMD® II</b></p>	<p>15.5kV-242kV    20A-4kA</p> <ul style="list-style-type: none"> <li>• Light weight</li> <li>• Mounts on new or existing equipment</li> <li>• Easy retrofits</li> <li>• Non-contact measurement</li> <li>• Outputs current to digital relay</li> <li>• No oil saturation</li> </ul>	 <p><b>138kV, 650A, 40kAIC</b> <b>CAPACITOR AND REACTOR SWITCHERS</b></p>	<p>15.5kV-242kV    600A - 650A</p> <ul style="list-style-type: none"> <li>• Makes and breaks current in SF<sub>6</sub></li> <li>• Designed and tested for restrike-free performance</li> <li>• Closing resistors provide reliable/repeatable voltage transient suppression</li> </ul>

# APPLICATIONS



CSH-B with racking mechanisms in porcelain with steel transport shields



145kV CSH-B with racking mechanism on a custom tag-along trailer



145kV CSH-B fixed to a modified flat-bed trailer



CSH-B all composite interrupters, support insulators and lightning arrestors



123kV CSH (fixed) with on-board stage



123kV Mobile breaker and disconnect

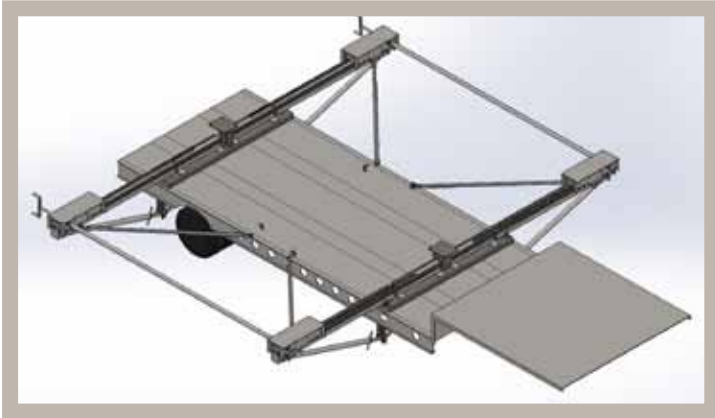


123kV CSH fixed to a custom trailer with remote control box



170kV CSH-B with racking mechanism on a fifth-wheel trailer and dolly

### CUSTOM ENGINEERED RACKING MECHANISMS



Southern States custom engineers and fabricates racking mechanisms for long term reliability, quick and easy deployment, and rigid strength. Our gear and rack mechanism requires minimal operator effort to move the outside phases in and out.

#### MAIN BENEFITS

- Quick deployment
- Simplicity in the set up
- Emergency restoration
- Small, flexible designs to easily fit existing substations
- Ideal for temporary configurations
- No permitting DOT needed
- Planned outages (bypass)
- Highly adaptable design for many applications

#### OPTIONS / ACCESSORIES

- Relays
- Generators
- Leasing
- Batteries
- Lighting arrestors
- RTU
- CT'S

#### FOR MORE INFORMATION

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