

38kV - 170kV



## THE O<sub>2</sub>RIGEN<sup>™</sup> ADVANTAGE

Alternative Gas	VS	O <sub>2</sub> RIGEN Gas
~300 - 2,000	Global Warming Potential (GWP)	✓ <1
Yes	Contains PFAS Chemicals	✓ No
Yes	Gas Reclamation Required	✓ No
No (Proprietary)	Local Gas Procurement	✓ Yes

Powers the Future<sup>™</sup>

POWER SWITCHING DIVISION

## New O<sub>2</sub>RIGEN<sup>™</sup> CO<sub>2</sub> + O<sub>2</sub> Interrupting Gas

Our proven LLS<sup>®</sup> architecture is now available with Southern States' O<sub>2</sub>RIGEN gas blend – a CO<sub>2</sub> + O<sub>2</sub> mixture. Engineered as an alternative to SF<sub>6</sub>, it delivers high-voltage performance with zero environmental compromise. Fully CARB-compliant, with Global Warming Potential <1, and low maintenance, O<sub>2</sub>RIGEN ensures reliable switching while protecting personnel, equipment, and the planet. Field-proven and future-ready – this is clean technology at its origin.

## FEATURES

- Eliminates greenhouse gas emissions while offering superior performance
- Compliant with CARB and other strict emissions regulations
- Free of F-gases and other non-compliant gases
- Supports ESG goals
- Low maintenance, gas system
- Ready for installation – ships prefilled for no complex reclamation required, use of readily available gas mixture



## Your Trusted Industry Leader

Southern States, LLC has been a leader in high-voltage switching and protection since 1916.

With a reputation for innovation, quality, and reliability, our products support utilities and industries worldwide, delivering safe, efficient, and dependable power solutions that keep critical systems connected and operating with confidence.



## Pure, Proven Technology from the Trusted Leader in Power Switching, Reliability, and Quality

Southern States' O<sub>2</sub>RIGEN technology powers solutions that effectively reduce environmental impact while delivering superior performance. Built on more than 100 years of innovation and unparalleled engineering, Southern States' O<sub>2</sub>RIGEN the next generation CO<sub>2</sub> + O<sub>2</sub> Insulating Gas technology, specifically designed to eliminate harmful gas emissions and reduce the risks associated with alternative switching solutions.

## APPLICATIONS & APPLICABLE PRODUCTS

### Substation Modernization

- Designed to convert any manufacturer's existing disconnect switch into a full-featured load break switch
- Seismic designs available
- Shipped fully pressurized and tested, ready for installation – no on-site gas filling required

### Environmental Regulations

- The LLS O<sub>2</sub>RIGEN, customers can now achieve these benefits of zero greenhouse emissions and no regulatory burdens
- It uses readily available pre-mixed bottles and local suppliers

### Sustainability

- Supports CARB initiatives, commitment to electrification, and long service life

## RATINGS

<i>Voltage Rating (kV):</i>	38kV - 170kV
<i>Load Breaking Capability:</i>	2000 A
<i>Line Dropping Capability:</i>	200 A
<i>Loop Splitting Capability:</i>	2000 A
<i>Rated Operations:</i>	2000
<i>Insulator Material:</i>	Composite
<i>Ambient Temperature Range:</i>	-50° C to +50° C standard