

November 18, 2024

Togami Electric Supplies Reclosers for Solar Power Grid Connection in the U.S.

Overview

Togami Electric Mfg. Co., Ltd. is pleased to announce the installation of its Triple-single auto recloser (FAULT CLEAR[®]) at a solar power plant in Maine, United States. This marks the inaugural installation of our recloser for grid connection applications in the U.S. renewable energy sector.

The solar power plant is developed and will be owned and operated by [UGE](#), a leading community and commercial solar developer headquartered in New York City.

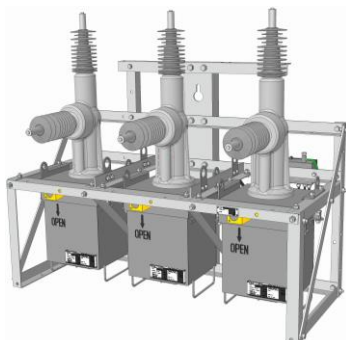
FAULT CLEAR[®] is designed to meet the needs of solar and renewable energy sources, ensuring reliable power connectivity and efficient fault management. As the adoption of renewable energy sources continues to grow in the United States, we are dedicated to supporting the transition to sustainable power solutions. We are committed to advancing this movement by bringing our high-performance products to the forefront.

Commitment to Renewable Energy Growth in the U.S.

In light of the growing prominence of renewable energy initiatives in the United States, we are pleased to contribute to the development of the infrastructure required to support sustainable energy. We are eager to collaborate with U.S. energy providers to develop a resilient and environmentally friendly energy landscape. This installation represents a significant milestone in our commitment to supporting global sustainability efforts. We are also committed to expanding our presence in the American market with additional, innovative solutions.



FAULT CLEAR[®]



Rated voltage	27 kV
Rated current	800 A (960 A for 8 hours)
Rated frequency	50/60 Hz
Rated interrupting current	16 kA _{r.m.s.}
Rated short-circuit making current	41.6 kA _{peak}
Power frequency withstand voltage	Dry 60 kV, 1 min Wet 50 kV, 10 s
Lightning impulse withstand voltage	150 kV
Creepage distance	43.7 in
Operating sequence	0-0.5s-CO-2s-CO-5s-CO
Duty cycle	116 operations
Mechanical endurance	10,000 operations
Ambient temperature range	-40 °F ~ +140 °F