

NEWS RELEASE**GENCELL G5RX BACKUP POWER SOLUTION RECEIVES SEISMIC COMPLIANCE FOR USE AT UTILITY SUBSTATIONS**

- This is the fuel cell industry's first solution to receive compliance for deployment in active seismic zones

Petach Tikvah, Israel – October 5, 2017 – GenCell, the fuel cell power solution provider and manufacturer, has announced that the GenCell G5rx utility backup power solution has been tested and found compliant with the IEEE 693 seismic equipment standard for use at electrical substations. The GenCell G5rx is the fuel cell industry's first backup power solution to have received safety compliance for deployment at utilities and other customers in active seismic zones.

The GenCell G5rx solution offers an immediate injection of power that keeps circuit breaker autoreclosers operational until the grid recovers, allowing a quicker recovery of power distribution to end users. The GenCell solution can operate as a direct source of backup power or supplement legacy backup battery systems, extending battery life from 6-8 hours up to 40 hours or more.

The GenCell G5rx solution overcomes the earthquake risks associated with traditional backup power sources, such as multiple battery rooms and diesel generators. Fueled by hydrogen, the clean energy of the future, the GenCell G5rx power solution produces no emissions, noise or vibrations, and includes a customized shelter that is resistant to high-voltage interference and earthquakes.

To pass the seismic tests, the GenCell G5rx utility backup power solution was subjected to a series of shake table tests at the Environmental Testing Laboratory (ETL) in Dallas TX. The GenCell G5rx solution was tested at 1.0 g performance level, equivalent to a ground level AC156 test with SDS of 2.5 g, which is the maximum seismic hazard in the US.

“Although earthquakes cannot be prevented, the extent of the damage is often within our control,” says Rami Reshef, GenCell CEO. “The GenCell G5rx can provide backup power for substations and critical points, even after an earthquake, and help utilities quickly restore power to thousands or millions of customers who are without drinkable water, sanitation, edible food and other essential services that require electrical power.”

Reshef continues: “The recent earthquake near Mexico City measured 7.1 on the Moment/Richter scale and resulted in accelerations that varied from 0.03g to 0.34g. In comparison, the testing that we did on the GenCell G5rx had a peak acceleration of 1.0g, which is 3 times greater.”

GenCell manufactures, sells and services fuel-cell-based power solutions that provide a reliable, scalable source of 5kW electricity. Fueled by hydrogen, the clean energy of the future, the GenCell G5 long-duration UPS provides backup power for telecom, homeland security, healthcare and niche industrial markets. The GenCell G5rx utility backup solution operates as a direct source of backup power or supplements legacy backup battery systems that provide only 6-8 hours of power. It also includes a shelter that is resistant to high-voltage interference, earthquakes and EMPs. Headquartered in Israel,

GenCell has a regional presence and a distribution and support network in North America, Latin America and Europe.

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About GenCell Energy

GenCell Energy fuel cell solutions offer affordable, clean power for humanity that renders diesel generators obsolete. Using the ultra-reliable technology that powers American and Russian spacecraft, we deliver backup power for utilities, homeland security, healthcare and automated industries. Our revolutionary process to create hydrogen-on-demand from anhydrous ammonia (NH₃) enables our fuel cell solutions to provide primary power for off-grid and poor-grid telecom, as well as rural electrification. GenCell Energy has more than 80 employees, including many veterans of space and submarine projects. The company is headquartered in Israel with a worldwide distribution and support network and has unique intellectual property that includes patents, trade-secrets and know-how.

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