



# REIMAGINE SOLAR ENERGY

## BASELOAD 24/7 CLEAN POWER

247Solar, Inc. breaks down barriers of complexity and cost with a turnkey solution for producing electricity around the clock at costs competitive with PV today and with coal tomorrow at scale. Called the **247Solar Plant™**, it eliminates most disadvantages of conventional CSP, PV, wind, and traditional power technologies. Its hot-air-driven Brayton Cycle system operates at atmospheric pressure and requires no steam, molten salts, or heat transfer oils.

## SCALABLE MODULAR DESIGN

Unlike large, custom-engineered, first-generation CSP projects, 247Solar Plants are standardized modules of 400 kW capacity, scalable from a single Plant off-grid to utility-scale farms of virtually unlimited capacity. 247Solar Plants use factory-made components, most of which can be manufactured locally, with few moving parts, for low maintenance and rapid, low-cost deployment.

## LOW COST THERMAL STORAGE

The 247Solar Thermal Storage System™ stores up to 15 hours of the sun's energy as heat instead of electricity. To guarantee electricity on demand, the Plant's turbine can also burn a variety of fuels. Unlike other renewables, 247Solar Plants stabilize grids with flexible, responsive, firmly dispatchable, 100%-reliable power.

## UNMATCHED BENEFITS

247Solar Plants offer outstanding grid reliability and resilience with no requirement for emergency backup. They provide battery-like response to grid voltage and demand fluctuations, mitigating intermittency from other renewables. Short project cycles, lower O&M and competitive margins mean attractive returns for investors.



## LOWEST COST 24/7 SOLAR ELECTRICITY

- World's most versatile, reliable power generator
- World's highest temperature solar air heater, 970°C
- World's lowest cost thermal storage, < 5% cost of batteries
- World's lowest-cost heliostats, deployable on uneven ground.

### ORIGINATED AT



### OUR PARTNERS



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