



### Stirling Engine Information

*With the Stirling Engine, the voltages are erratic. Our voltage control board now solves the erratic voltage issues.*

*It makes the voltage constant all the way through from sunrise to sunset. All we need to do is put the Stirling Engine under the focal point of the IAS solar Fresnel lenses. There will be one Stirling Engine per solar ring.*

-- Neldon Johnson, CEO of IAS

#### Test Tower

The Stirling Engine has been placed in the focal point of an IAS Solar Lens array and shown to produce electricity in the field in front of third-party mechanical engineers that specialize in Stirling Engines.

One of IAS's R&D solar towers in Delta, Utah has been fitted with brand new IAS Solar Lenses and frames to further test the limits of the Stirling Engine. This solar lens and frame configuration has gone through a rigorous R&D and commercialization process. The lenses and frames can withstand 90+ MPH winds and do not need daily washings to consistently create very hot temperatures. This Stirling Engine test tower has also been fitted with a dual-axis tracking system.

The near-term goal is to add the Stirling Engine to the tower and produce electricity once again. But, this time we will gain a lot more info than on the first test of producing electricity.



#### Helpful Links

<https://www.energy.gov/eere/solar/csp-systems-analysis>

[https://en.wikipedia.org/wiki/Concentrated\\_solar\\_power](https://en.wikipedia.org/wiki/Concentrated_solar_power)

<https://www.seia.org/initiatives/concentrating-solar-power>

<https://www.youtube.com/watch?v=wfDWDqyToBg>

<https://www.youtube.com/watch?v=vGdT9w4ubLc>

#### Stock Info:

RaPower3 uses technology developed by International Automated Systems, Inc., which is a public company whose stock is traded on the OTC Markets under the ticker symbol IAUS.

Sym	Price	% Chg	Volume
IAUS	\$0.08	-1.23%	75.8K

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RaPower3 LLC  
2730 W 4000 S  
Oasis, UT 84624