



# CARINO ENERGY RENEWABLES LTD

**Carino Energy Renewables Ltd** (Carino) invented and patented its **Split Rotor Multi-Phase Permanent Magnet Electric Generator** (U.S. PATENT #9,444,294 issued in 2016). Our 9-phase generator (14.1 kilowatt model weighs 65 lbs.) is independently certified as 92.3% efficient; and our 18-phase split rotor generator (30 kilowatt model weighs 80 lbs.) is approximately 97% efficient. Carino generators run at extremely low RPMs and generate amazing torque. Competing electrical generators have an actual efficiency converting mechanical energy into electrical energy of less than 60%. We believe ***our generator is the most efficient in the world.*** We offer our generators in a variety of sizes from 10 KW to 250 KW; and they are stackable within a proprietary system up to 1 megawatt.

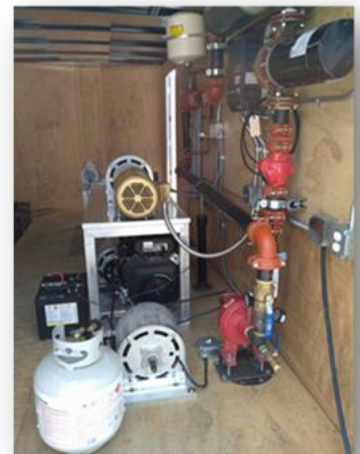
Carino has incorporated its generators into packaged, distributive power systems that are compact, portable, and operate independent of the electrical grid. Complete, turn-key systems can be drop-shipped and operated anywhere in the world, totally free of the power grid. ***Our packaged systems require little fossil fuels to operate.*** They are delivered in discrete trailers for mobility, or enclosed in containers for fixed operations. Carino can deliver 1 MW of power enclosed in a 40-foot container. Multiple containers can be daisy-chained to provide up to 10 MW of power.

The capital cost of building and delivering our systems is significantly less than any other source of power. Our systems require a minimal footprint. They make very little noise. They emit virtually no pollutants or emissions. Our generators are adaptable to a variety of different drivers, from gas, propane, natural gas, and water engines. Our systems are portable and operate independent of the electrical grid.



Our generators are cheaper to operate and run! Carino Energy's new generator can dramatically reduce electrical energy costs in everything from cars to homes to electrical grids. Our Power Package Systems are reliable and significantly less

## CARINO TECHNOLOGY



### Most efficient generator in the world

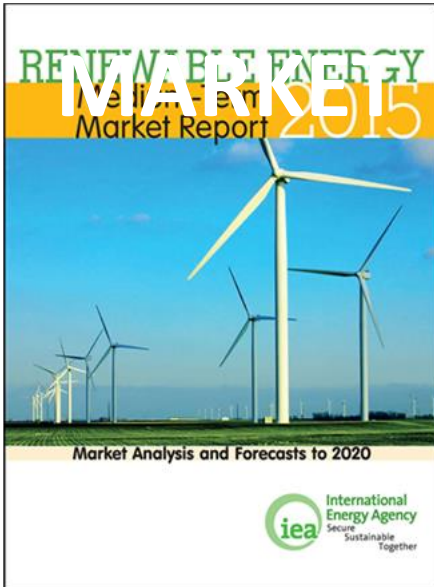
- 30+% more efficient than competitors
- Approaching 97% efficiency
- Patent protected

### Mobile Power Package Systems

- Few fossil fuels to operate
- Operates independent of grid

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“Renewable electricity additions over the next five years will top 700 gigawatts (GW) – more than twice Japan’s current installed power capacity. This accounts for two-thirds of net additions to global power capacity.”

“By 2020, the amount of global electricity generation coming from renewable energy will be higher than today’s combined electricity demand of China, India and Brazil.”

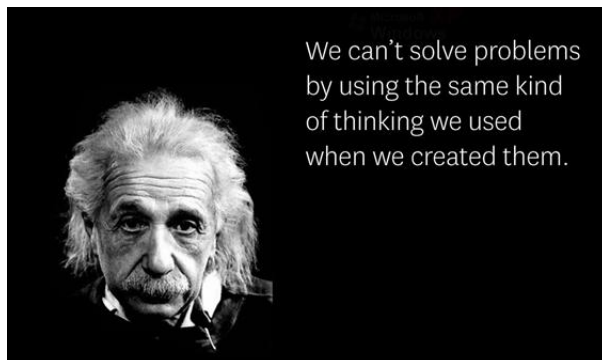
“The geography of deployment will shift To developing countries, which will make up two-thirds of the renewable expansion to 2020. China alone will account for nearly 40% of total renewable power capacity growth and requires almost one-third of new investment to 2020.”

expensive to install and operate than repairs to the electrical grid. Our systems deliver energy independence to businesses and political jurisdictions. Free from the grid, virtually free from fossil fuels – our systems provide freedom. We are NET ZERO.



We have adopted a four-point plan for rolling our technology into the marketplace. It is sequenced as follows:

- 1. Large Industry Users.** Our first generators will be leased or sold to large industrial users and/or large power users; and in some cases we will enter into power sale agreements with them. Manufacturing and industrial companies that use large amounts of power, particularly those in high cost energy jurisdictions (both U.S. states and foreign countries) are targeted.
- 2. Geographic Licenses.** We will begin selling geographic licenses for the distribution of our generators. These will be opportunistic sales likely consummated with customers who buy generators and then realize the potential for broader third-party sales within their unique jurisdiction.
- 3. Categorical End Users.** This focus is on industry segments. Once we establish our system with well-known companies, and have working units in their factories, we will present our technology for exclusive franchise deployment by industry sector. For example, we envision approaching the auto industry with the possibility of owning exclusive franchise rights for that particularly industry. In this scenario a company, like Ford Motor Company, will pay for the exclusive, international rights to deploy our generators in its automobiles. Ford could produce a new alternative to the traditional electric car by installing our hyper-efficient generators in its cars, trucks, and heavy trucks.
- 4. Residential Marketplace.** Finally, we envision tapping the residential marketplace under an appropriate, related brand focused on the home market. We have already run prototype residential systems in both Phoenix and Nevis, where we powered homes using our generators. Systems no larger than a refrigerator could be installed in a garage, or outside a home, to power a residence or small neighborhood.



We can't solve problems by using the same kind of thinking we used when we created them.