



SUSTAINABLE ALTERNATIVE ENERGY SOLUTIONS

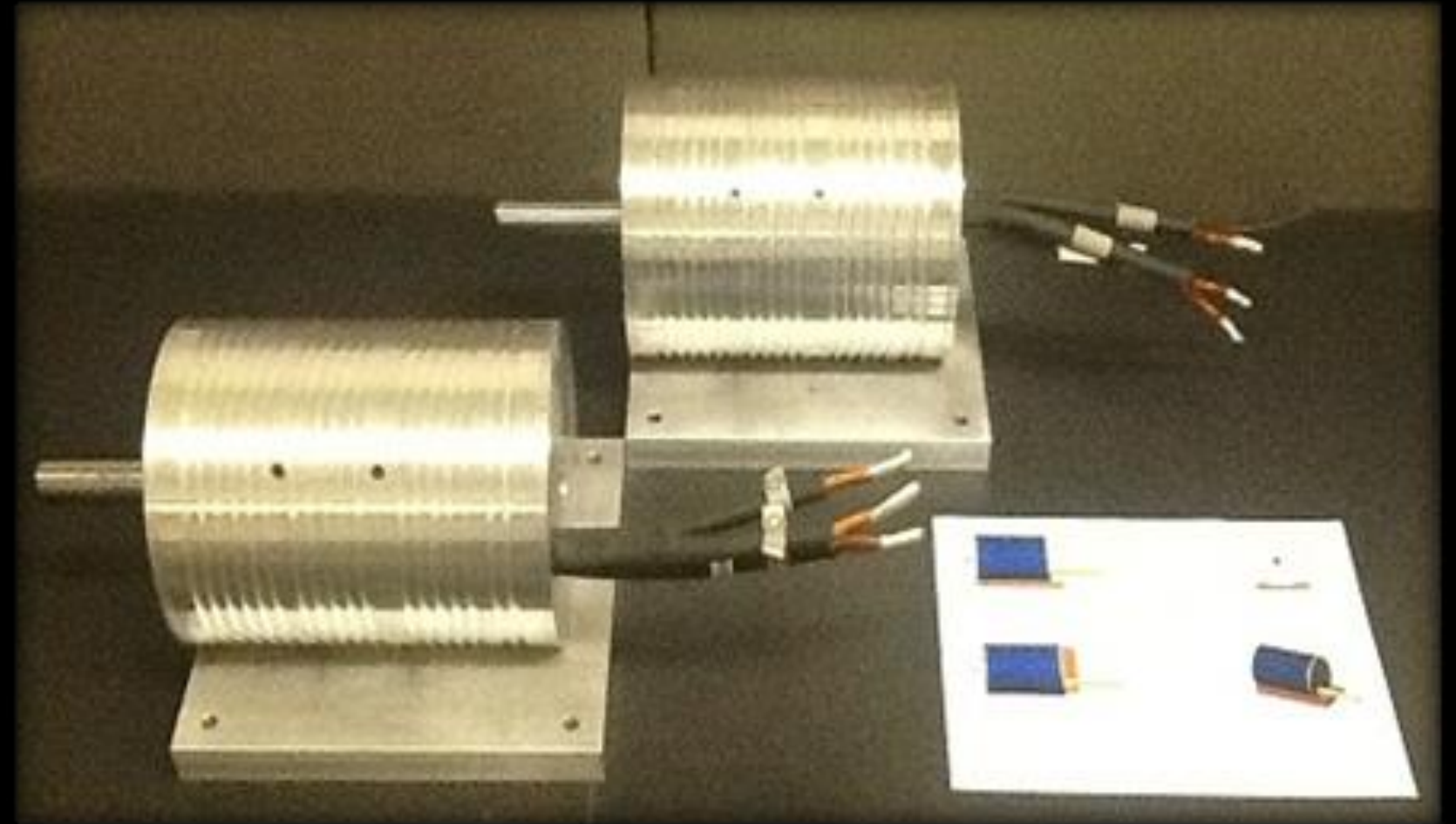
AUTOMOTIVE | COMMERCIAL | RESIDENTIAL | MARINE

Nearly 65% of worldwide energy production is used
to run electric motors of all types.

Average electric motor efficiency today is <65%

MAGLEV ENERGY, INC.

Introducing a new class of electric motors



Practical use, low cost barrier to entry, sustainable source with 15 year cycle life.



A National Problem

NO IDLE LAWS

Delaware – Idling of an on-road vehicle over 8,500 pounds gross vehicle weight for longer than three minutes is prohibited in Delaware with some exceptions.

Washington DC – Motor vehicles powered by gasoline or diesel are not allowed to idle for more than three minutes while the vehicle is parked, stopped or standing. There is an exception for truck Idling when operating a heater when it's freezing outside that extends the time to 5 minutes.

There are also 11 states that limit idling to 5 minutes for most vehicles, with various exceptions or limits. These include California, Maine, Maryland, Massachusetts, New Hampshire, New York, Oregon, Pennsylvania, Rhode Island, Texas, Utah, and Vermont.

Another four states limit idling time to 14 to 15 minutes. These are: Illinois, South Carolina, Nevada, and West Virginia.

Answering the Call

Auxiliary Power Unit by MagLev

SOLVING THE PROBLEM

- Eliminates the need for the truck to idle
- When the truck is not running the APU is running
- All electrical APU's provide auxiliary power, HVAC and other amenities to the driver
- APU recharges while the vehicle is moving

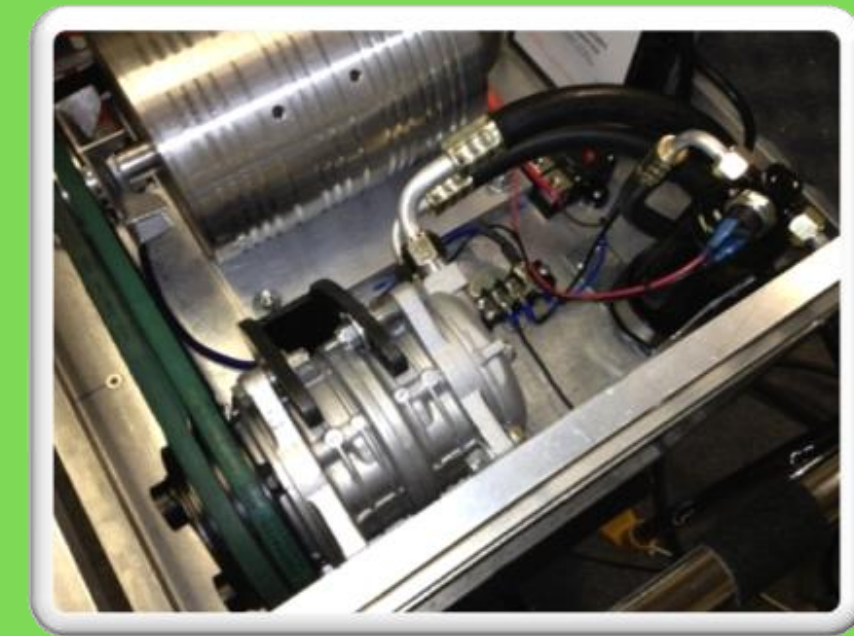
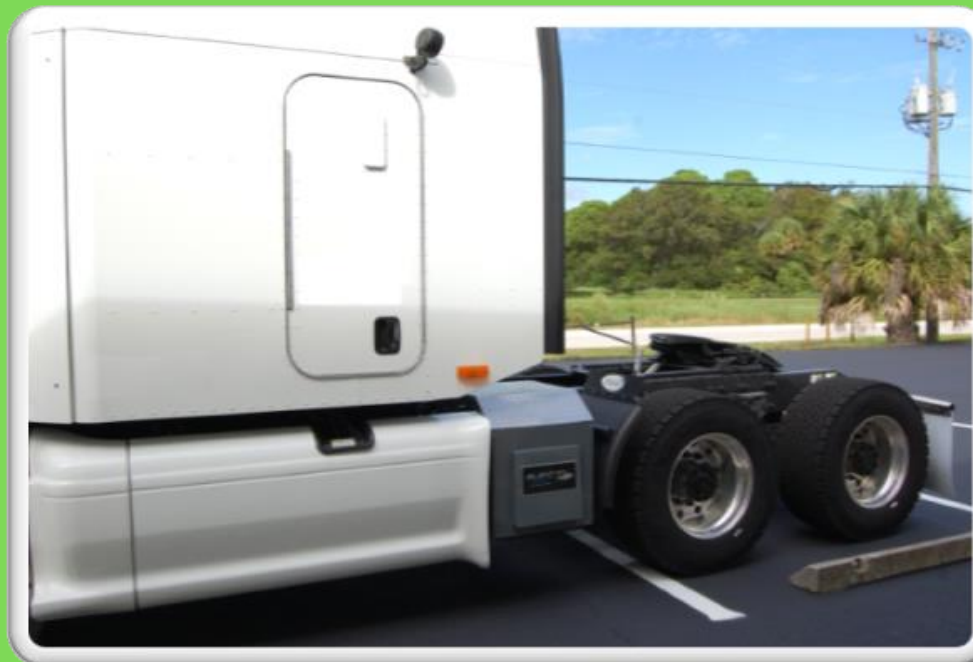
ADVANTAGES

- Runs silently while in operations
- Zero emissions
- Saves average of \$30.00 per day in operational cost
- 10 hours of constant operation
- Ability to retrofit any truck in 6 hours or less

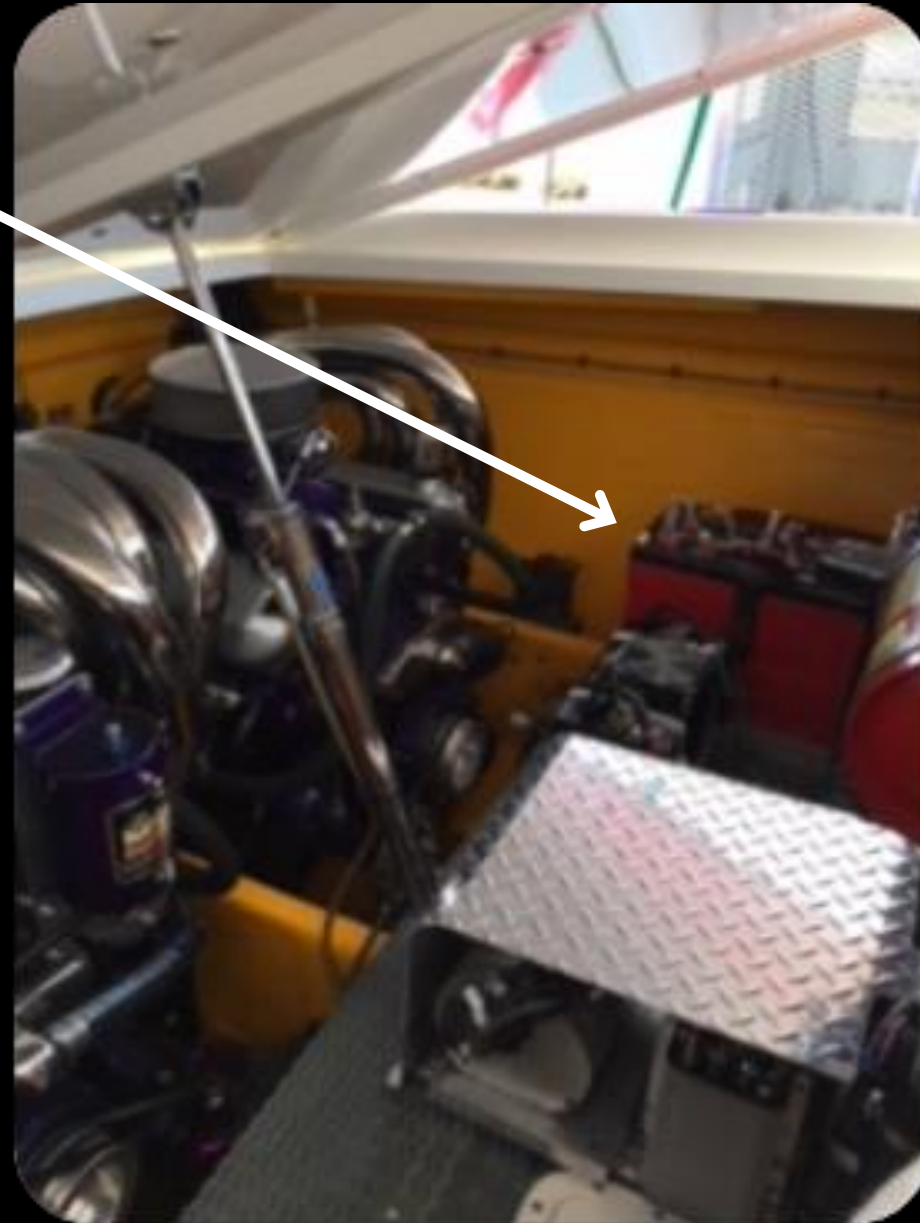
OTHER OPTIONS

- Can be installed at OEM level
- Tour bus and passenger bus retrofit ability
- Marine capable for luxury and fishing boats

Exclusive Patented Technology



Lithium-ion battery



Installed one touch cool/heat power control interface

Marine Adaption

- 10 hours of auxiliary power
- No engine idle
- Saves fuel
- Retro-fit any boat

Compare the Innovation

Old Technology



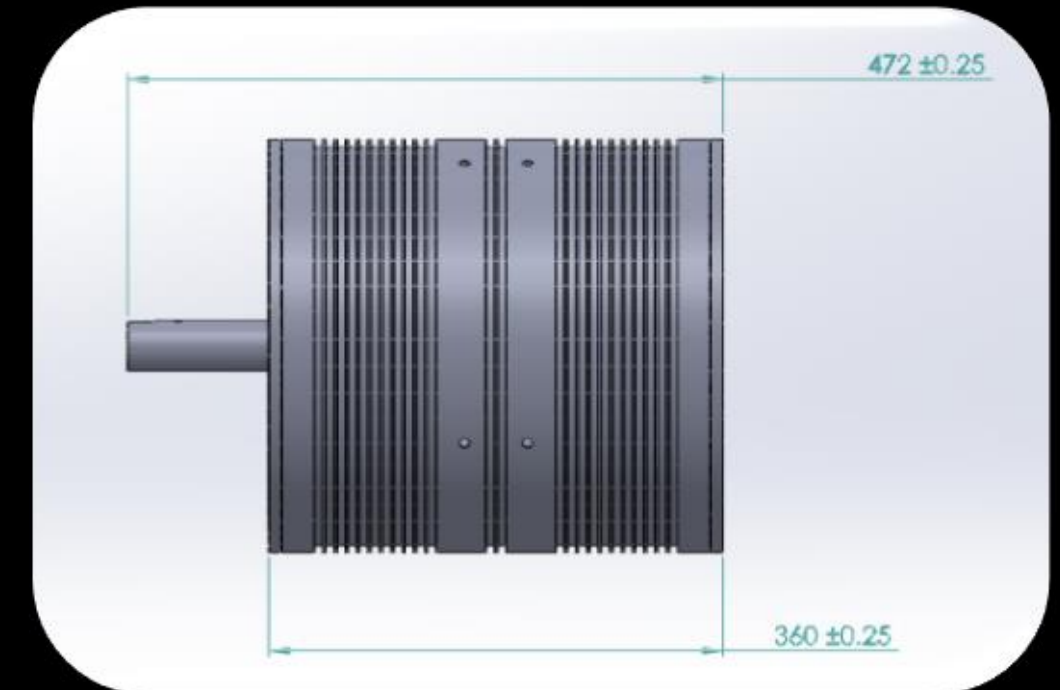
6000 rpm; 2 Kw for Heavy trucks/diesels

- Alternators – redesigned for wind turbines, generators (diesel)
- Ultra-high efficiency (97%), near-zero reluctance
- Controller integration only necessary in vehicles (trucks, RV, boats, buses)

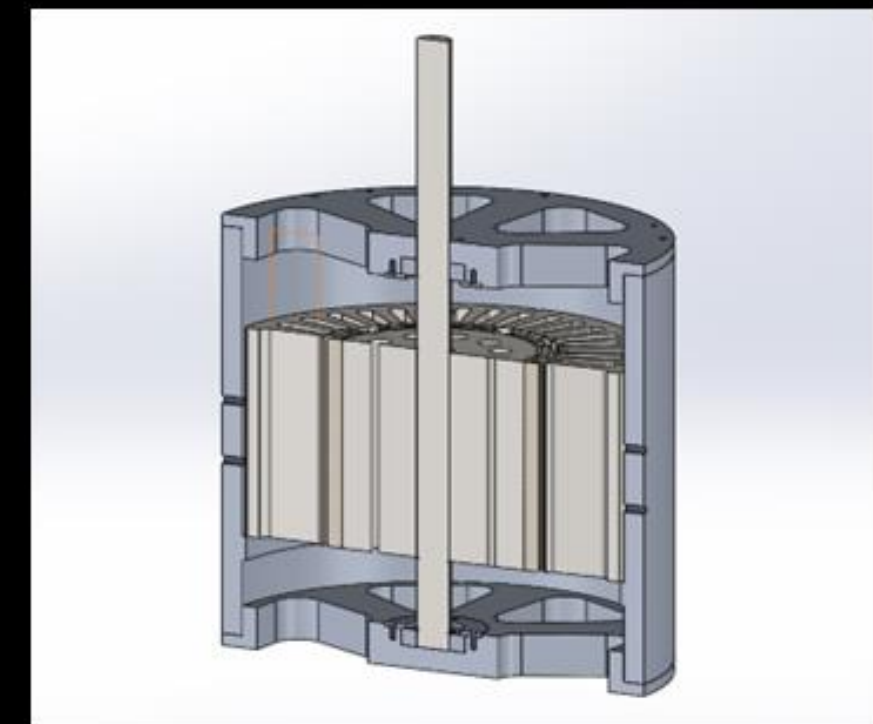
From Brushes and Wires to Turbine



New Turbine Technology



400 rpm; 4 Kw 750 rpm; 8 Kw
Low Rpm High Output (LRHO)



True Innovation

BATTERY FUELED ELECTRIC OUTBOARD MOTOR

- QUIET – 52 DB IDLE, 92 DB FULL THROTTLE
- TWIST GRIP SPEED CONTROL
- FORWARD – NEUTRAL – REVERSE SWITCH ON HANDLE
- SUPPORTS ANY BATTERY TYPE (LITHIUM ION, LEAD ACID, AGM, GEL)
- 48 VDC NATIVE VOLTAGE, INTEGRATED MOTOR CONTROLLER
- NO WATER COOLING NECESSARY; OPERATES SLIGHTLY ABOVE AMBIENT TEMPERATURE
- EQUIVALENT TO APPROXIMATELY 40 HP FOSSIL FUEL OUTBOARDS
- 100% FULL HP/TORQUE FROM 50 RPM TO 4000 RPM (FLAT EFFICIENCY CURVE)



Vertical Wind Turbine Technology



Vertical Wind Turbine Technology

Forced Air Cost Recovery

- Place turbine in air-exit path of HVAC
- Invert turbine output direct into sub-panel
- Lower building/structure operating expenses

\$3.500 AVERAGE ANNUAL SAVE
DEPENDING ON STRUCTURE SIZE



Maglev Energy Seamless Integrates



Sustainable power sources for micro grid creation