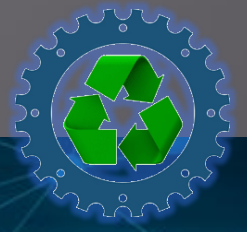


M-CORE™

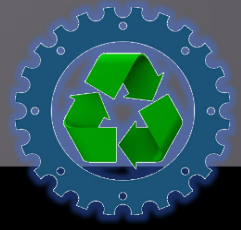
The Future of Green Energy
has Arrived!





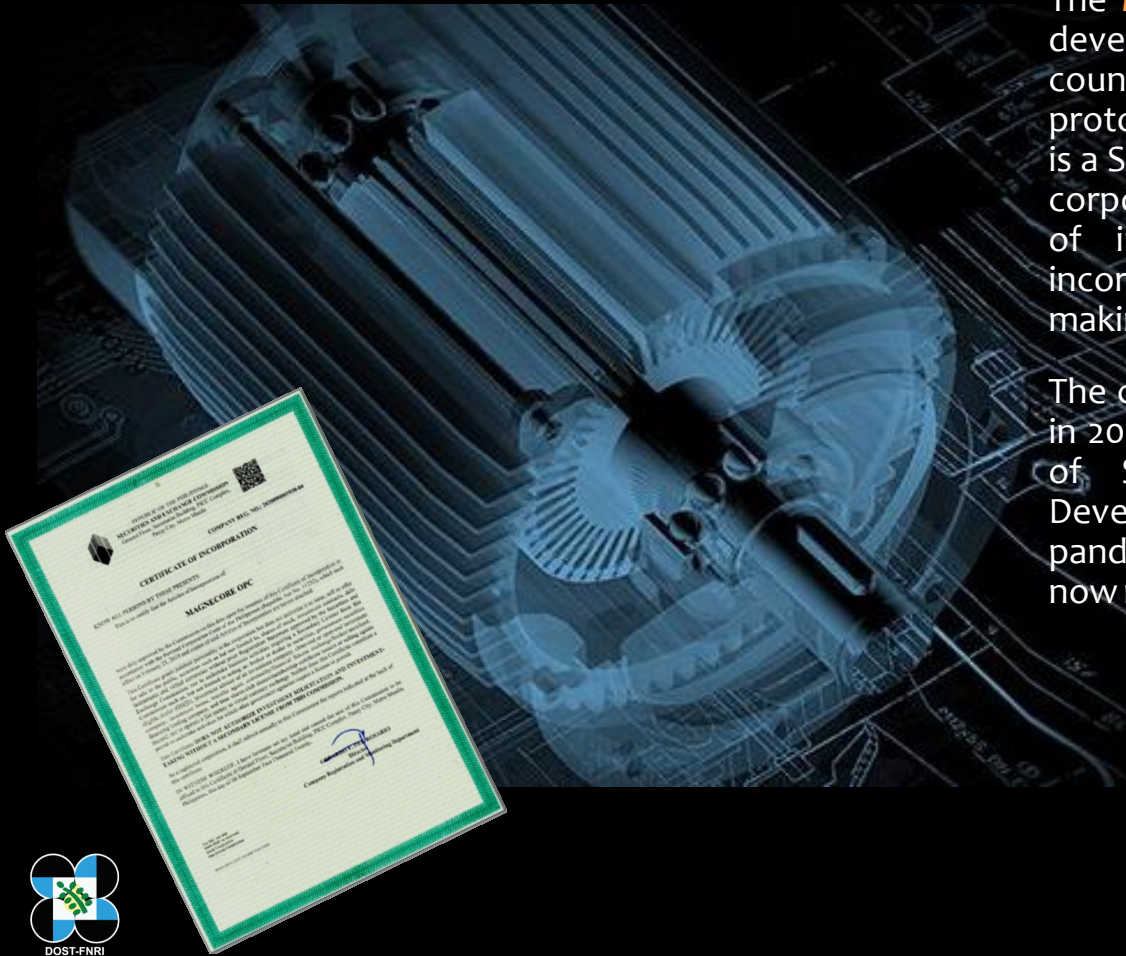
CHANGING THE WORLD

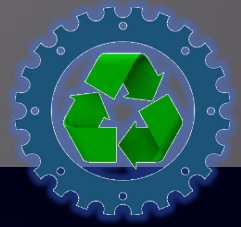
- ❖ Our mission is to implement our *advanced technology that will help the world and humanity.*
- ❖ Our plan is to help bring power to developing countries and reach out remote off-grid communities.
- ❖ Our Objective is to lower carbon emissions by helping the biggest fossil-fuel based companies become carbon neutral.
- ❖ We have innovations that are not only Eco-Friendly solutions and more affordable, but we made the best environmental and economic options.
- ❖ Our multiple innovations covers the production of power & potable water while cleaning our environment, which shall be the best possible options financially, environmentally, and technologically.



The **M-CORE** is a product of an extensive research and development. Its designers and engineers had spent countless hours and sacrifices to achieve a working prototype. The company that owns its license and patent is a Securities and Exchange Commission (SEC) registered corporation that specifically does design and innovation of integrated machineries and instrumentation to incorporate into the human workforce as a help in making an efficient, Eco & Hazardous friendly operation.

The company was able to obtain a local Philippine Patent in 2019, and was endorsed by the Philippine Department of Science and Technology (DOST) for further Development and Commercialization, tho delayed by the pandemic, its was slowly developed for production, and now ready for market.

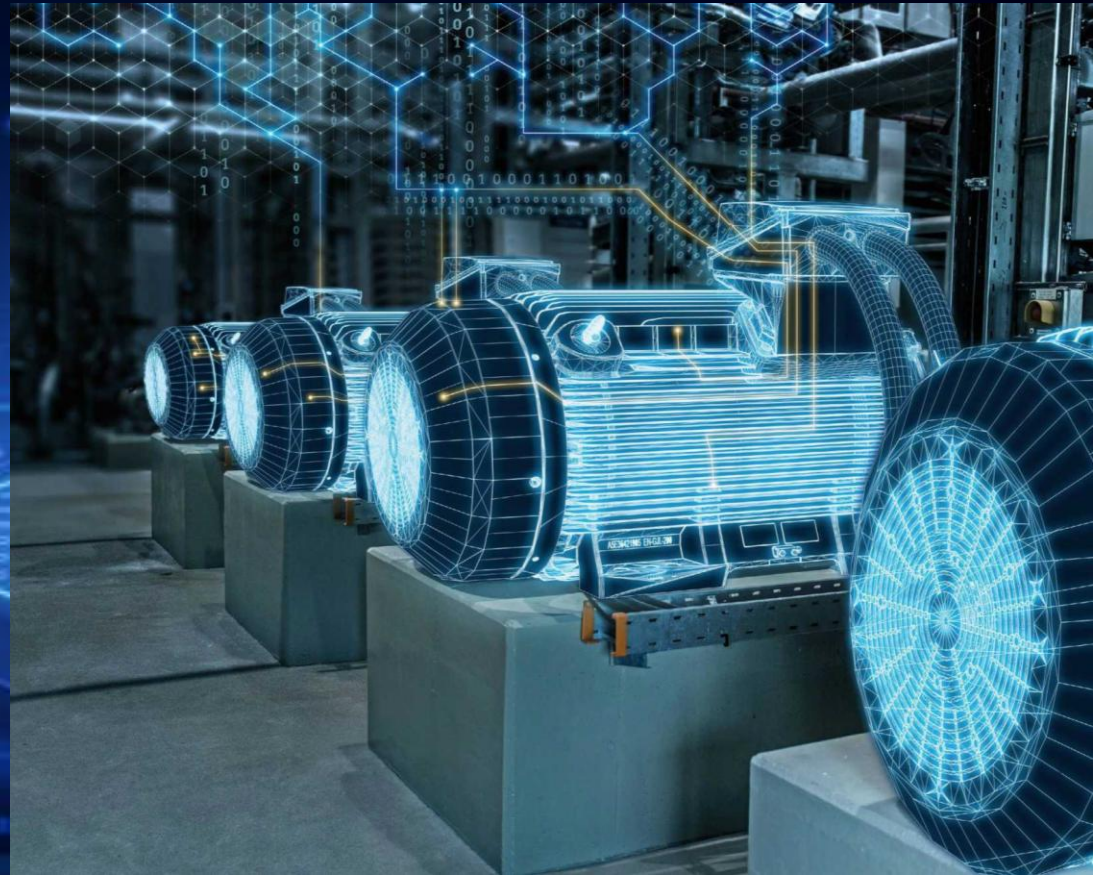




The Future of Power

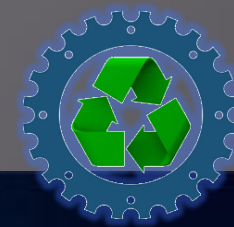
The **M-CORE System** has evolved in multiple years of development and relentless struggle of technology. A much simplified design has surfaced, advancing the electromagnetic technology innovation that produces electricity via a close circuit energy in a packaged cabinet to containerized vans. This new technology advancement is completely **GREEN** and releases NO Carbon Emissions, has an almost ZERO Carbon Footprint and burns ZERO Fossil Fuels, all whilst providing 24/7 Energy at a 90+% efficiency.

Join the future of power and make your business, neighborhood, and city carbon neutral.



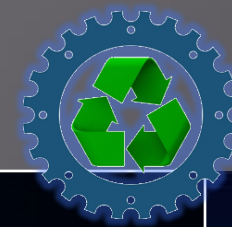


- The **M-CORE System** is a complete **GREEN Technology**, a new breed of energy source, which requires No Solar, No Wind, No Battery Storage (Only a STARTUP), and definitely No Fossil Fuel like gasoline or Diesel to run a motor and generate its electricity.
- It is powered by a globally patented close-circuit energy that is 100% **FOSSIL FUEL FREE**.
- With the fossil-fuel running out globally, consequently its retail prices are also going through the ceiling which affects the grid generation charges whom follows the unforgiving supply and demand commodity costs, thus this increasing charges will never be changed and is economically irreversible.
- **M-CORE** aims to help the industry by introducing this fuel-less power system to aid the emergency and peak-hour charges and with M-CORE's portability, it can easily correct the low-voltage areas of Distribution Utilities, Heavy Industry Consumers that backlogs the grid, and especially reach out to the off-Grid Communities, where fuel alone is harsh enough to transport.
- **M-CORE innovation** provides a state of the art intuitive high-end black box system for a real-time transparency monitoring anywhere in the world.



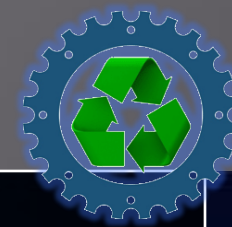
M-CORE Product Models		
RESIDENTIAL	MODEL	CAPACITY (KW)
	R25	25
	R50	50
COMMERCIAL		
	C100	100
	C250	250
UTILITY		
	U500	500
	U1000	1,000

MODEL		R50	
M-CORE brings in a game-changer innovation using its M-CORE Technology, a close-circuit Power Unit technology. Manufactured by our exclusive Developer, a 40-year leader in Disruptive Technology in the United States of America.			
Available Voltage Single Phase / 3 Phase 120/208, 110/220, 120/240, 277/480 Power Factor 0.90+	PRIME	KW	50
Prime: Continuous running at a variable load for unlimited periods with a 10% overload available for 1 hour in any 12-hour period. In accordance with ISO 8528, ISO 3046			
HIGHLIGHTS			
High Quality, Reliable		Every Power Unit is subject to a comprehensive test program which includes full load testing and provides all of the control and safety shut down function testing	
Compact Design Easy Start & Maintenance Full Engineering with wide range of options and accessories		No Emissions DOST Certified & Approved	



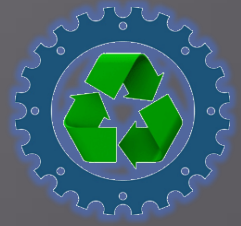
M-CORE Model: C100	
Motor	M-Core Drv25
HP	60
Duty	Continuous
RPM	1,850
Phase	3
Weight	80 lbs
FL Efficiency	96.5
Explosion proof	
Voltage	230/380/400/480
Generator	M-Core A-100
KW	100
Duty	Continuous
Phase	3
RPM	300
Efficiency	99
Weight	110 Kg
Control System	M-Core Ctrlsys 100
Built-In	SCADA
Freq	50/60 Hz
Real-Time Monitoring & Data Collection (Remotely)	
FL Efficiency	96.5
Remote Operating System & Security Monitoring	

M-CORE Model: C250	
Motor	M-Core Drv50
HP	120
Duty	Continuous
RPM	1,850
Phase	3
Weight	120 Kg
FL Efficiency	96.5
Explosion proof	
Voltage	230/380/400/480
Generator	M-Core A-250
KW	250
Duty	Continuous
Phase	3
RPM	300
Efficiency	99
Weight	260 Kg
Control System	M-Core Ctrlsys 250
Built-In	SCADA
Freq	50/60 Hz
Real-Time Monitoring & Data Collection (Remotely)	
FL Efficiency	96.5
Remote Operating System & Security Monitoring	

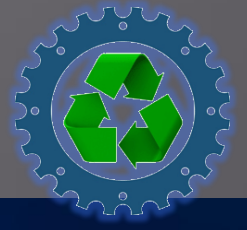


M-CORE Model: U500	
Motor	M-Core Drv125
HP	150
Duty	Continuous
RPM	1,850
Phase	3
Weight	160 Kg
FL Efficiency	96.5
Explosion proof	
Voltage	230/380/400/480
Generator	M-Core A-500
KW	500
Duty	Continuous
Phase	3
RPM	300
Efficiency	99
Weight	520 Kg
Control System	M-Core Ctrlsys 500
Built-In	SCADA
Freq	50/60 Hz
Real-Time Monitoring & Data Collection (Remotely)	
FL Efficiency	96.5
Remote Operating System & Security Monitoring	

M-CORE Model: U1000	
Motor	M-Core Drv200
HP	175
Duty	Continuous
RPM	1,850
Phase	3
Weight	250 Kg
FL Efficiency	96.5
Explosion proof	
Voltage	230/380/400/480
Generator	M-Core A-1000
KW	1000
Duty	Continuous
Phase	3
RPM	300
Efficiency	99
Weight	1200 Kg
Control System	M-Core Ctrlsys 1000
Built-In	SCADA
Freq	50/60 Hz
Real-Time Monitoring & Data Collection (Remotely)	
FL Efficiency	96.5
Remote Operating System & Security Monitoring	



- Lease Contract under an International Program
- Manual / Remote System via Satellite GPS
- Preventive 24-Hour Tracking & Monitoring
- Immediate Customer Support via Local Service Centers
- Offsite Trouble Shooting
- Twice a Year visit on Fixed O&M



MARKET

The following is a Market we are currently servicing with the 100KW Units.

Current legislation concerning the Production, Distribution, Selling of Energy is Jurisdiction dependant and Lessee's are encouraged to check within their own countries as to what the terms and conditions are set out by their relevant Energy Regulatory bodies.

- Fast Food Outlets
- Small Shopping Centers
- Housing Estates, Townhouse Complexes, Apartment Blocks
- Mini Factories & Warehouses
- B&B's, Lodges, Models and Hotels
- Sports Centers, Gyms & Health Clubs
- Office Blocks and Office Parks
- Restaurants & Bars & Nightclubs
- Clinics & Hospitals
- Remote Sites, Cell Towers, Installations etc.

Customized and Tailored options to each of the above

DEPLOYMENT

Starting Q2 of 2021, there should be availabilities on different Models for roll out but again the line is always based on prevailing advanced orders. These can be deployed as either a SINGLE Unit servicing 100KW at a time OR they can be deployed in PARALLEL 100 KW Units at a time.

Example, a Single KFC, MacDonald's, Steers or similar, has a Peak Load Capacity of close to 100 KW/h whereas a Traditional Fuel Station with a Forecourt may have an energy requirement of 100 KWh. A small shopping centre may have a requirement of 500 KW/h and a small housing estate 1,000 KW/h (1 MW/h).

With the new development, even Solar requires a minimum of 0.8 Hectare per 1 MW; Wind on the other hand would require 0.7 Hectare per 2MW Turbine, while the M-CORE would only need 200 m² per 1MW. This is unprecedented in the renewable energy space. A 100MW deployment, would fit comfortably on 3 soccer fields including BoP and BoS.



ADVANTAGES

The following are the main disadvantages of other Forms of energy generation, renewable and non-renewable

Solar

- Uses up a lot of prime land up to 1 Hectare per 1 MW
- Weather, Location, Time & Seasonal dependant
- Requires massive & expensive storage systems (optional)
- High installation cost and long ROI
- Risk to storm damage (Hail, High, Wind, Heavy Rain, etc.)

Wind

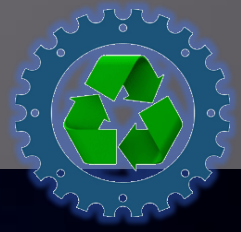
- Uses up a lot of prime land - 0.8 Ha per 2MW
- Weather, Location, Time & Seasonal Dependant
- Prone to high noise output
- High visual impact and can affect local bird population
- High installation and maintenance cost; long ROI
- Risk to storm damage (Heavy Hail, Gale Force Wind, etc.)

Fossil Fuel Generator – Load shedding

- High Cost of Diesel / Petrol
- Massive Carbon Footprint due to emissions
- Prone to high noise output

THE M-CORE TECHNOLOGY

- Has a very small footprint. The current 100KW **M-CORE** power unit is the size of a standard 20' Shipping Container (12 m²).
- 1 MW occupies 0.140 Ha. (140 m²). 100MW will occupy less than 1.5 Has. This power units can be racked and stacked up to 3 containers high, meaning 100 MW can infact fit into 0.5 Ha.
- From competition of Civils, BoS (Balance of Site) to deployment of 100 MW = 6 Months
- Can be broken into various size energy parks. 100 MW can be split over 5 areas of an estate of 20 MW each.
- 100% scalable
- Require **ZERO** Battery Storage, but can be bundled along with our SuperGreen 1 MW Battery Generators and or TESS Thermal Generator Systems.
- Can be part of the Landscape. The units can be placed in underground bunkers, similar to parking areas.
- Easily interchangeable for scheduled maintenance.
- Has a **99% EFFICIENCY** rating.
- **NO** annual CPI increase to lessee.
- Remote real-time analytics and monitoring of each unit. Can be controlled “line” from a control room anywhere in the world.
- Has ZERO Carbon footprint.
- Is 100% **GREEN** and 100% Fossil-Fuel Free.



Available Capacities in 2023:

20KW / 50KW / 100KW / 250KW / 500KW / 1000KW

Note: Capacities in grey are in development and will be released as the market demand increases. Pricing always follows economics of scale.

Marketing Program is LEASING:

- Assessment of Load Profile
- Lease Contract Application with few credit requirements.
- Minimum guarantee of lease contract capacity is 95% of monthly production. It is recommended to size up your contracted capacity at 95% of your consumption to minimize losses.
- Diminishing Payment Program on the **SAVINGS Out of Your Electric Consumption:**
 - Year1 = Savings 20% / Pmt Schedule 80%
 - Year2 = Savings 25% / Pmt Schedule 75%
 - Year3 = Savings 30% / Pmt Schedule 70%
 - Year4 = Savings 35% / Pmt Schedule 65%
 - Year5 = Savings 40% / Pmt Schedule 60%
 - Year6 to Year15 = Savings 50% / Pmt Schedule 50%
- NO PRICE ESCALATION throughout the 20-Yr lease contract.
- Option to Renew the lease period is available after 20 Years.

Warranty, Operations and Maintenance:

- **M-Core Company** covers full warranty on its deployed M-core Technology unit's Operations and Maintenance throughout the life of the lease contract.
- All Power Units are fully tested before deployment.
- A 100 KW/h M-Core is guaranteed to produce 72,000 KWh each month.
- Monthly consumption are real-time monitored and shall be billed accordingly. Terms of payment are itemized with scheduled payment dates.
- All deployed Power Units shall be sheltered accordingly at the client location – designed and supervised by M-Core Engineering.



M-CORE™

**EMBRACE THE FUTURE OF
TECHNOLOGY INNOVATION**



Thank You!