



Power-Maximizer

Validation Plan

TEST & VALIDATION METHODOLOGY GUIDELINES

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First mechanical Inverter and transformer



Solar
inverter



Wind
inverter



Power
transformer



Introduction

The Power Maximizer

is a patented technology offering a better energy future using an extraordinary technology for extraordinary applications.



Powering our communities entirely using renewable energy is not yet a widespread practice.

Why?

Simply because the investment is too big and due to the fact that the very low efficiency of renewables does not make it an affordable and reliable energy source, particularly with respect to intermittent generation from renewables such as solar and wind.

However, the power sector is not without its own challenges such as power loss in the grid, projected demand of 300% due to EVs, and 65% dependency on fossil fuels.



The power box is the first mechanical inverter transformer for the power sector utilizing/ the Power-Maximizer technology (integration of any renewables source with gravity for more reliability and stability of power generation, transmission and distribution)

We are conscious that our claim may be provocative to many. However, we have a powerful validation plan that will be described in detail over the following pages.



Since facts support theories, between 2017 and 2020 we conducted a number of tests based on simple but powerful experiments that presented results that need to be interpreted using the laws of physics. The conservation of energy translates into mathematical equations that explain both thermodynamics and the conservation of momentum.

Challenges in power sector



Is the average efficiency rate for most renewables solar, wind, Biogas, Biomas



Power loss in the grid due to generation, transmission and distribution

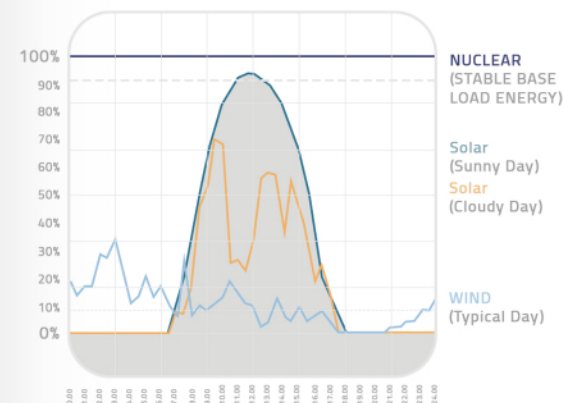


Power generation depends on combustion generation

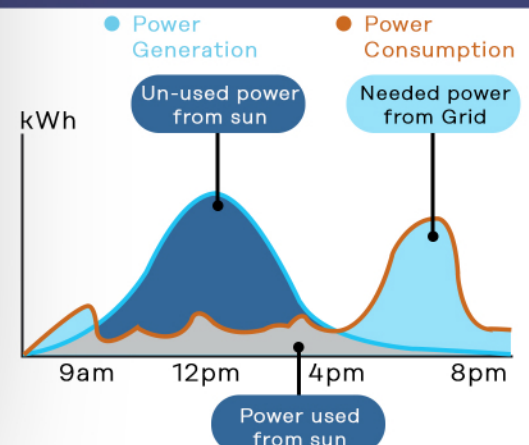


Increase in electricity demand due to transportation electrification

Fluctuations of renewables power Generation during 24 hours



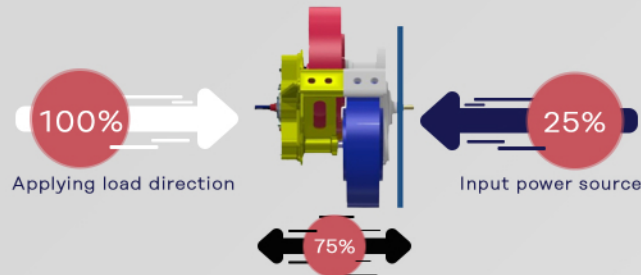
Solar systems generation & consumption challenges



The Power-Maximizer is a mechanical system that harnesses potential energy from the gravitational field. Please read the explanation in the appendix XX (page 8).

Feel free to let us know if you disagree with what we state at any point in this document.

ABSORPTION TECHNIQUE FOR REACTION (LOAD REACTION)



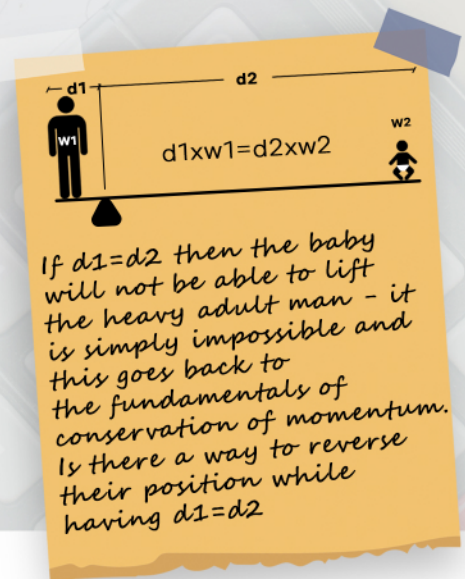
Product concept & development



Read the research work conducted and the documented tests in our 2019 research paper.

<https://www.dropbox.com/s/brm41exb8uyijkn/full%20paper%202021.pdf?dl=0>

Simple experiment with conservation of momentum



The red bottle represents the heavy adult man as the load and the green bottle represents the light baby as the source. They are placed at an equal distance of 250mm from the center and the heavier weight (red bottle) will pull down the lighter weight (green bottle) – raising it vertically.



Green bottle

155 gm



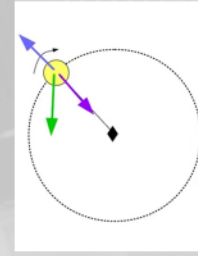
Red bottle

302 gm



Red bottle (Load) = 0.588 N.m

Green bottle Input power = 0.294 N.m



Torque calculation

Green bottle torque: $C1 = 0.155 \times 9.81 \times 0.200 = 0.3 \text{ N.m}$ Red bottle torque: $C2 = 0.302 \times 9.81 \times 0.200 = 0.6 \text{ N.m}$ Clearly $C2 = 2 \times C1$

- The green bottle can take over the red bottle load only if it receives supportive gravitational torque from the balanced counter weights orbiting in a rotational vertical motion.
- Simply stated: $1 + 1 = 2$. By satisfying the following equation of conservation momentum:

Input torque (C1) + Gravity torque (CG) + friction = output torque (C2)
 Reached the balanced status without any violation of the laws of physics!
 Try the calculation.

Click on the following link for a video:

<https://www.youtube.com/s/brm41exb8uyijkn/full%20paper%202021.pdf?dl=0>

Steps were taken to confirm the facts through several experiments between 2017 and 2021:

First experiment: Motor-Generator setup without a Power-Maximizer

Figure 3



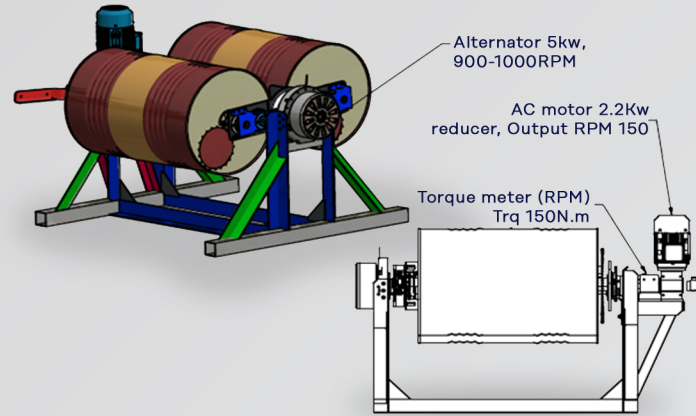
AC Motor = 2.2 kw
 Brand : TEC
 Type : 2.243TECAB34-90-IE2,
 T2A, 90L2-4, 1430RPM,
 IP55
 PMA, Permanent magnet
 alternator
 skw, 910 RPM

The Motor-Generator experiment confirms the well-known fact about the conservation of momentum and energy in a closed system. Figures 3 and 4 represent the power flow. Look at the following and let us know if you disagree.

Second experiment: Motor-Generator setup using the Power-Maximizer technology

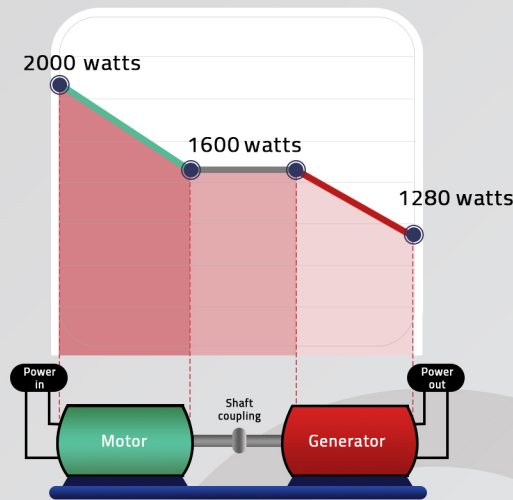
Including the Power - Maximizer in a Motor-Generator setup proved to be an important experiment and required multiple tests. **The conclusion is astonishing: A mechanical system can gain power by harnessing continuous momentum from gravity, confirming that there is NO VIOLATION of the conservation of momentum in an OPEN system.**

Check the video showing the Power-Maximizer during testing



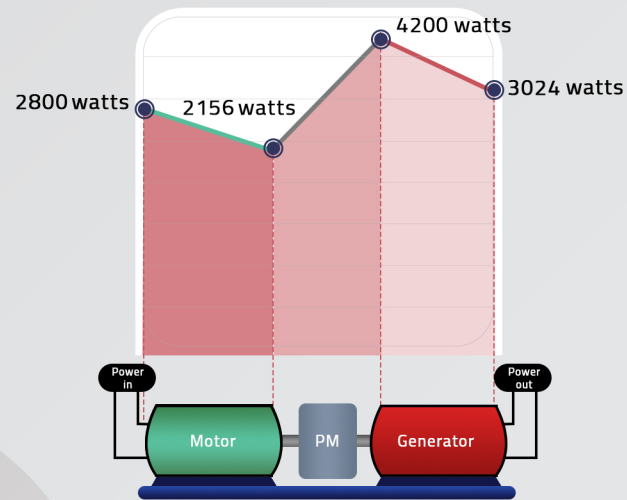
Simple arrangement for the Power-Maximizer

The following charts (before and after) reflect the behavior of the load and impact (In/Out)



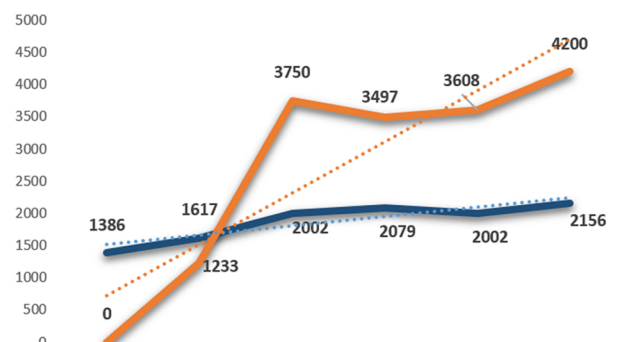
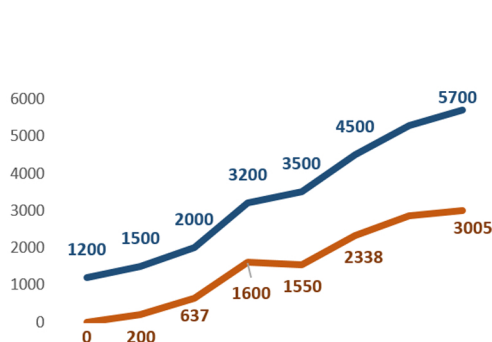
Power flow without power Maximizer

Experiment without power Maximizer input, output electrical power in watts



Power flow with the power Maximizer

Mechanical power value before after input/output in watts



In

Out

Further validation options and offers

To sum up: gaining positive mechanical potential power is possible in the case of creating a mechanism to harness the continuous gravitational torque from vertical orbiting motion. Please check the different videos if you're still in doubt

The Power-Maximizer technology absorbs actual loads and reflects a 20-25% increase due to supporting torque from the gravitational field. A realistic demonstration can be witnessed with Motor-Generator experiments. We are not challenging anyone in the field. We are merely stating that the effect of the Power-Maximizer application in the mechanical world is unlimited and that this technology will support the energy transition.



We understand that a replication of our experiments by a serious third party could be a way to validate the technology. Therefore, we are open to anyone in the energy industry wanting to test the Power-Maximizer technology and confirm the validity of the technology. If you are interested, please request a replication right (T&Cs apply) and we will be happy to cooperate with you.



You are also welcome to visit our Singapore site and check all demo units. Furthermore, if you have a solar site with 5kW or more, we could partner with you and both work on a live test of the power box.



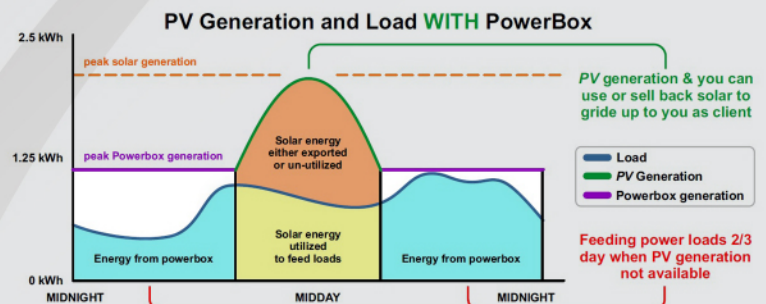
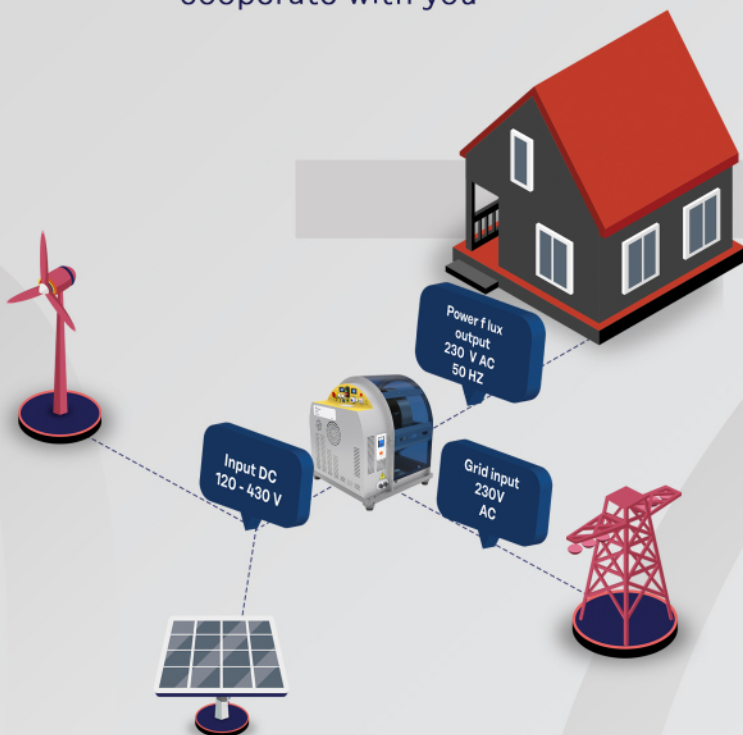
If you wish to test the power box, please fill in this form.

<https://bit.ly/3i1dmf8>



If you wish to check the power box specifications, click here.

<https://bit.ly/2SGBEjS>



Powerbox generation pattern in 24 hours

Appendix

