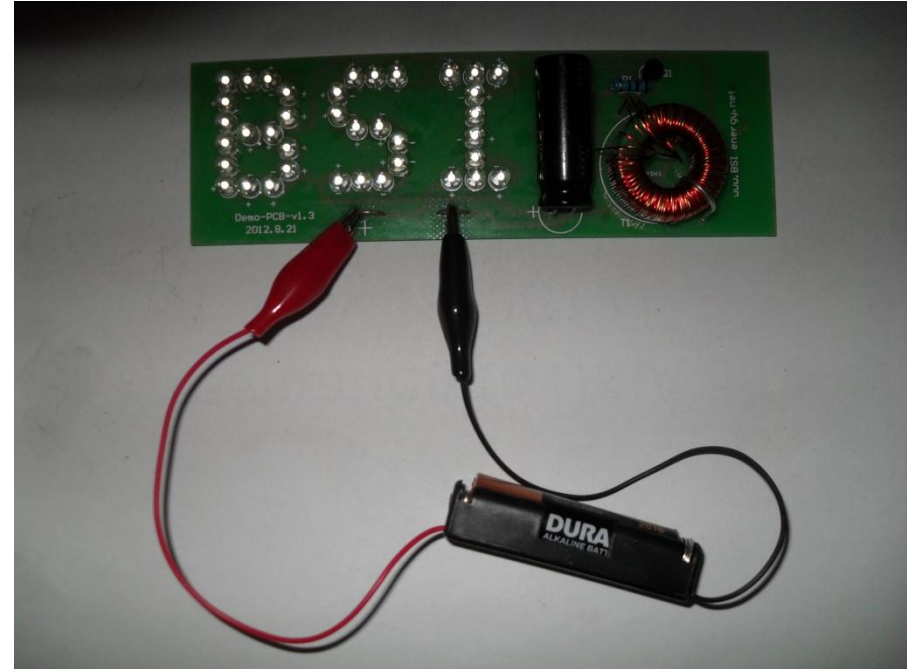
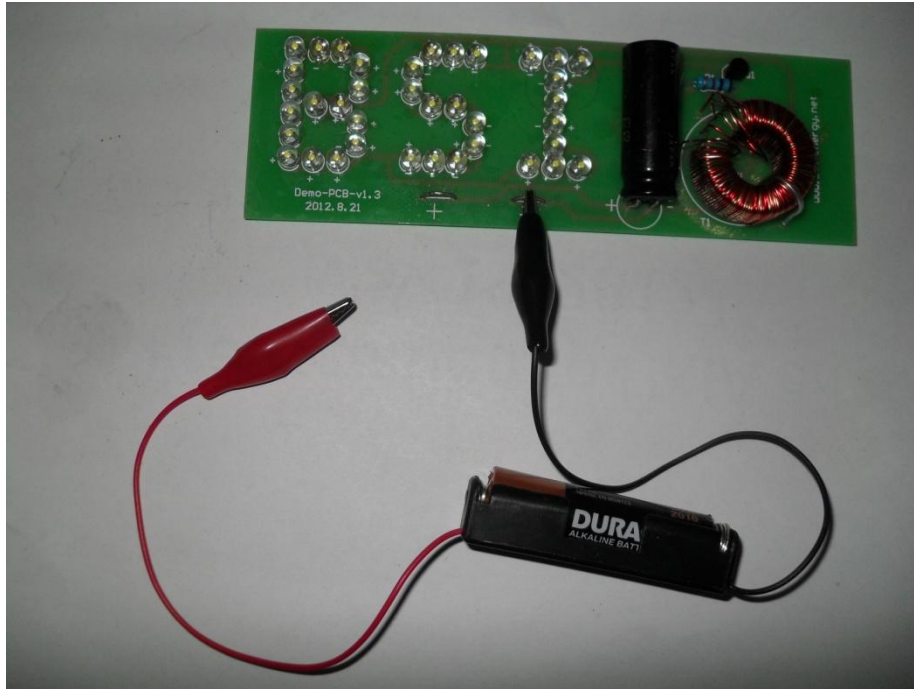


Meeting with Physicists in Dec

Lawrence Tseung, representing
Help Seedlings Innovate Foundation,
G-LED USA and BSI Hong Kong

The Claim



- (1) Touch the Demo board from the Lead-out Energy Research Kit for 3 seconds.
- (2) The LED lights showing BSI will be ON for 20 minutes on average.
- (3) Some of the Energy lighting the LEDs are Electron Motion Energy lead-out or brought in. Output Power > Input Power under particular frequency range???

The Demonstration



> 1KW Output produced

The word LARRS refers
To the 5 contributors:
Lawrence
Apache
Robert
Raymond
Steve-Ruth

**The first demonstration
was done in April 2012
At G-LED USA**

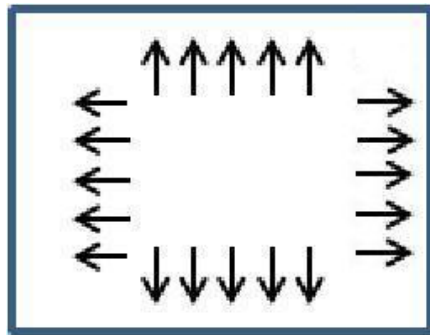
The first Commercial Application of the Lead-out Energy Technology.

Theory (1)

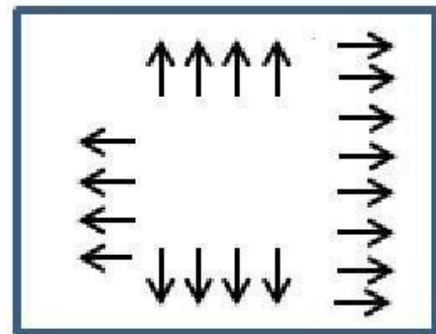
- If we can lead-out or bring-in energy from the surrounding environment,
 - No violation of Law of Conservation of Energy
- String instrument with resonance box sound much louder.
 - Traditional explanation is higher efficiency
 - New explanation is that kinetic energy of air molecules brought-in at resonance

Theory (2)

- Lead-out or bring-in kinetic energy of air molecules.



Top picture shows simplified diagram of a **stationary** Imaginary cube of gas molecules. 5 molecules move in equal directions. Net Momentum = 0. Net Kinetic Energy = $20 \times E$ (E = kinetic energy of one molecule). Cannot do useful work – no Lead-out Energy.



Bottom picture shows similar picture but the imaginary Cube of gas molecules is **in motion**. Net kinetic energy is still = $20 \times E$. But the net momentum is no longer 0. The new momentum = $4 \times mv$ (m =mass, v =velocity). **Can do useful work – Lead-out Energy!**
Energy required to change Top picture to Bottom???

Theory (3)

- If we can bring-in kinetic energy of air molecules at resonance,
 - Can we bring-in electron motion energy at electromagnetic resonance?
- If the arrows in previous slide were dipoles,
 - Re-arrangement produce higher magnetic field using energy already associated with the dipoles?
 - Will such energy be regarded as lead-out electron motion energy?

Evidence (1)

- The two files nov22a.xlsx and magic.xls.
- In nov22a.xls, 4 cases shown:
 1. With battery only, $COP < 1$
 2. With battery and capacitor, $COP < 1$
 3. With Capacitor only at 1.4KHz, $COP < 1$
 4. **With Capacitor only at 5 KHz, $COP > 1$**
- In Magic.xls, 20 points at 1 minute interval:
 - Output Power measured first
 - Then Input Power
 - Output Power clearly more than Input Power.

Evidence (2)

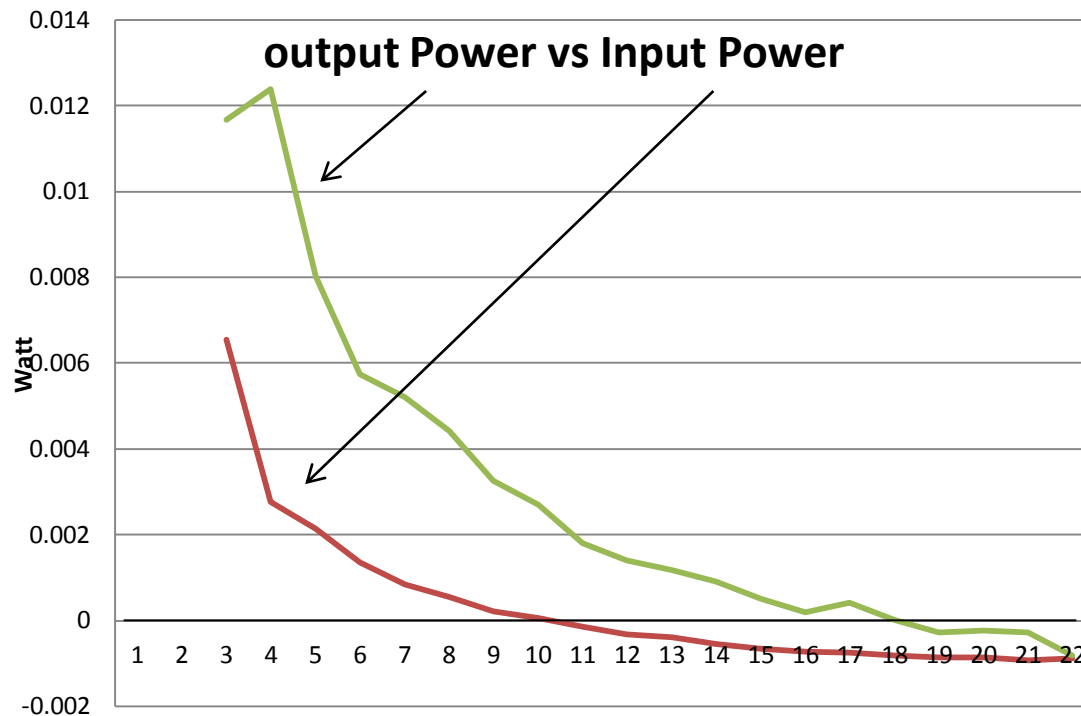
- The Electronic Components consist of:
 - An LCR circuit (Inductor, Capacitor, Resistor)
 - A pulsing switching transistor
- Actual value and arrangement are results of much trial and error.
- Now incorporated as components of the Lead-out Energy Research Kit.
- Demo board guaranteed to have 38 LEDs ON for at least 2 minutes after removal of battery.

Evidence (3)

- The basic equation is: **Instantaneous Power = Instantaneous Voltage x Instantaneous Current**
- The Atten Oscilloscope has 2 channels
 - Channel A captures Instantaneous Voltage
 - Channel B captures Instantaneous Current
- Data can be captured as CSV files for Computer analysis.
- Two Oscilloscopes used
 - One for Input and one for Output

Evidence (4)

- Measurement taken at 1 minute intervals



Output Power greater than Input Power when
(1) Battery Removed
(2) Only Capacitor used
(3) Frequency increased from 1.4 to >2KHz

Note the Negative Power values. Imply more energy Feeding Back to Source!

Need to consider the negative power phenomena with new scientific insight.

The twenty minute lighted board



The BSI Demo board showed acceptable brightness after 17 minutes. The Experiments are done over a 20 minute range. Any board that could not last that long would not be a candidate for the required experiments.

Plans

- Have 30 oscilloscope-test-ready boards for confirmation and verification by Universities.
- BSI has the Lead-out Energy Research Kit ready for production.
 - Every Lead-out Energy Research Kit can become an oscilloscope-test-ready board.
- Coming products include
 - Forever Lighted Lamps
 - Battery Re-charger for electric cars

Comments

- To be discussed