

Inertial energy...the new hydropower!

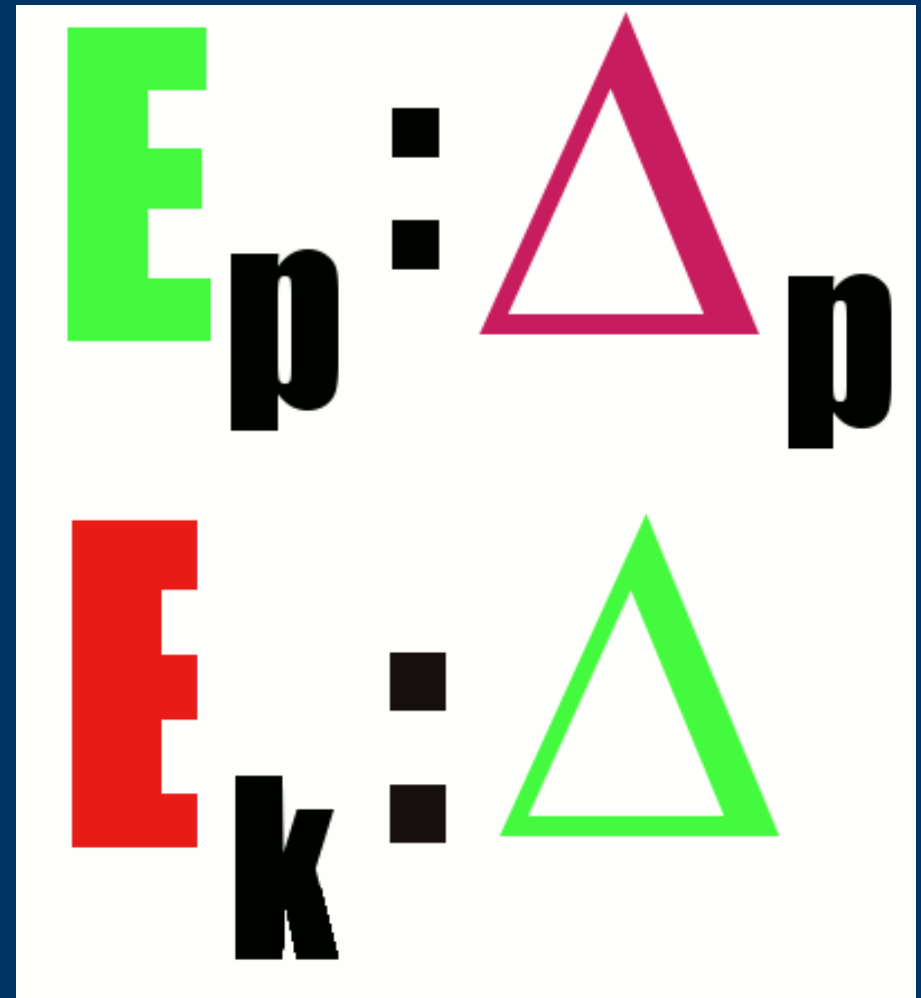
Gravitational Systems Engineering, Inc.

A short tutorial on GSE and DSE



D.S.E. Dynamic State Energy sources.

- The energy of different states...energy of changes.
- Energy is harvested from state changes.
- Wind, Solar & Hydro are DSE's
- Sunlight generates positive state changes.
- Gravity generates negative state changes.



Positive & Negative energy sources?



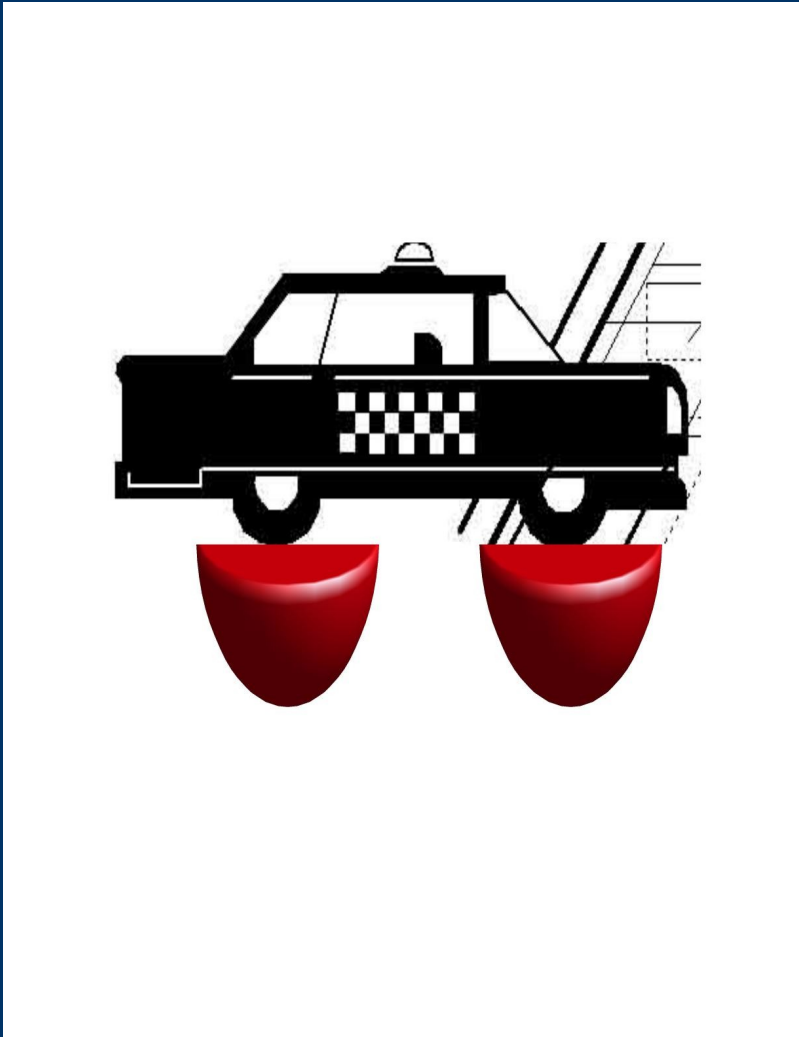
- Sunlight pushes with heat & radiation.
 - Gravity holds with weight and resistance.
 - Wind & hydro depend as much on gravity as sunlight.
 - Gravity or inertia is more reliable than sunlight...always on.
-
-

How do DSE's stack up against fuel?

- DSE's are real time energy conversions.
- Fuels are potentially unstable concentrations of DSE.
- Fuel is destroyed by use or exposure.
- DSE's are ubiquitous, predictable, and reliable.
- Energy usage can be tailored to DSE's

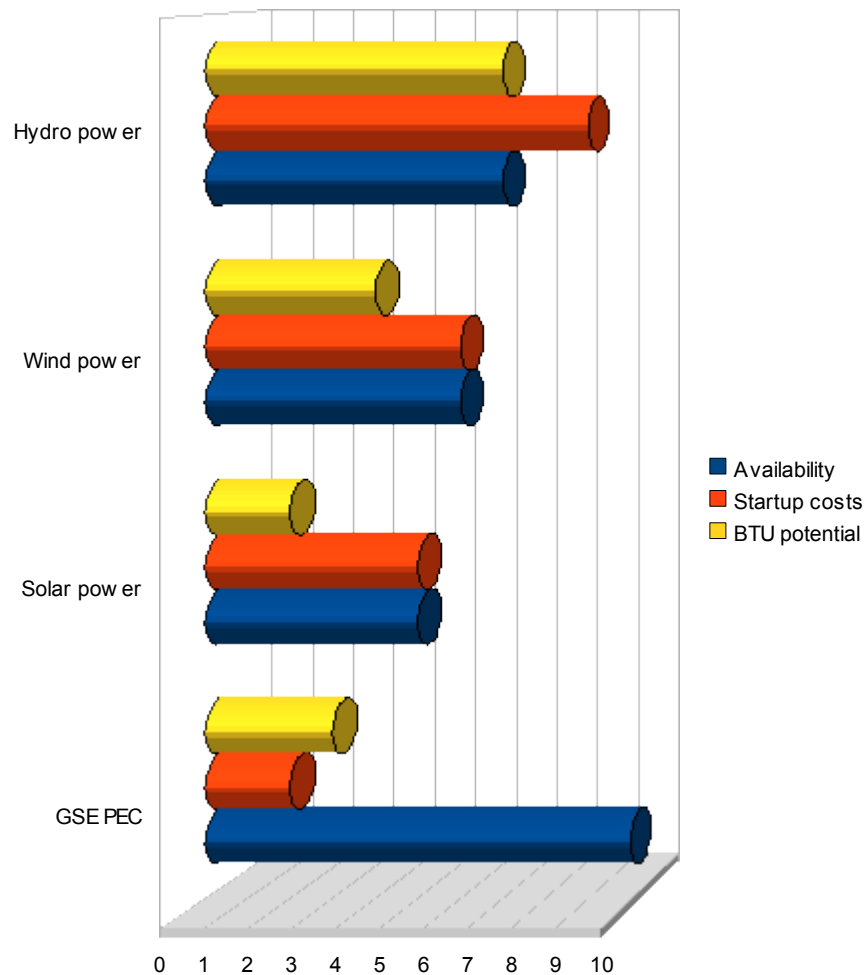


What is inertial energy.



- IE Inertial energy is absolute change force.
- A vehicles weight and speed determines IE
- IE is disbursed into roadways & bridges.
- Vehicles compress, heat & stress roadways.

GSE PEC DSE's vs. Wind, Solar, Hydro



- GSE provides highest availability of all DSEs
- GSE provides lowest start-up costs of all DSEs
- GSE provides power potentials similar to wind but better than solar.

What is the future of inertial energy?

- Immediate application in toll booths, parking lots for de-icing, and speed control.
- Medium term applications at airports, and railways.
- Long term applications in new roadway designs

