

TFG_EM (Transverse Flux Generator using ElectroMagnets)

TFG_EM SUMMARY 25 December 2023 (DEH SL)

This Excess Energy Generator (EEG) appears to be almost too Amazing!

The initial Wind Ass Guess (WAG) approximations certainly indicate this could very likely be the "HOLY GRAIL" of "Stand Alone, Fuel Free Power Generation."

Features include:

- Simple design, using only three (3) initial parts, easy to fabricate;
- Low cost; very good power to volume ratio;
- Requires no external Fuel source or Mover; it's totally self-contained;
- Easily expandable to increase output, or create a 3-Phase device, etc.;
- There are no moving parts, no noise or vibration, and nothing to wear out;
- High output power in a small size;
- Simple electronic controller scheme.

All of the initial design analysis are encouraging enough to promote further development.

With a WAG (not optimized) output performance of over 400 Watts with a footprint of near 212mm x 153mm x 76.5mm (8.35" x 6.1" x 3.1") being driven by a simple On/Off pulsed full H-Bridge using a 3 Volt 500m Amp (1.5 Watt) supply source; this TFG_EM concept provides some great promise for future EEG developments.

SL