

Ocean energy, as a renewable energy source resource [1], [2], [3], is regarded as one of the most promising clean energy sources. According to reports, the global ocean energy potential values ...

These dc components are attributed to stored electric field energy and can considerably be increased by the application of several pulses. This a priori surprising effect can both be ...

Vibration energy harvesting is an ever-developing field, and its array of practical applications has led to significant interest from within both the academic community and ...

The toroidal dipole is a localized electromagnetic excitation, distinct from the magnetic and elec. dipoles. While the elec. dipole can be understood as a pair of opposite charges and the magnetic dipole as a current ...

Traditional wave energy harvesting relies on a combination of large mechanical floats and an electromagnetic generator (EMG) [7], [8]. But it is difficult for conventional devices ...

A review of flywheel energy storage systems: state of the art and opportunities. Author links open ... In [134], an active electromagnetic slip coupling is developed to make a ...

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