

Renewable Energy Solutions in Marine Environment

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ABSTRACT

Engineers have attempted, with varying success, to tap ocean energy as it occurs in waves, tides, marine currents, thermal gradients, and differences in salinity. Among these forms, significant opportunities and benefits have been identified in the area of wave-energy extraction. Since water is about 1000 times denser than air even a slow flowing stream of water, or moderate sea swell, can yield considerable amounts of energy.

Keywords: *renewable energy, Black Sea, wave power , marine current*

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