

ESTIMATING THE POWER DENSITY IN SEA SPECTRA  
OFF THE SOUTHERN COASTS OF SRI LANKA

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Energy from sea wave is an important source of renewable energy, for an island such as Sri Lanka. In an earlier communication, we estimated the total potential power approaching the coastline using the standard approximate power equation quoted in literature for sea spectra. The present investigation was an attempt to see how applicable this equation was for some sea spectra off the southern coast of Sri Lanka. Calculations show that this equation underestimates the power potential by about 20 percent. A more accurate equation is derived for these sea spectra.

References :

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