

Finnish energy company to build a wave power plant

A Finnish energy company Fortum and a Swedish wave power equipment supplier Seabased Industry are interested in building a full-scale wave power plant off the Swedish west coast.

The companies have submitted an application of interest to the Swedish Energy Agency for investment support of a wave power plant with capacity of 10 MW and estimated total investment of close to EUR 25 million.

Fortum has together with the University of Uppsala previously invested in a test site for wave power outside the coast of Lysekil in Sweden.

“We see wave power as an important part of tomorrow’s energy system. Wave power is still under development, but we find it so interesting that we are now investigating the possibilities of developing a full-scale wave power site,” says **Göran Hult** Head of Fortum’s hydropower.

Water in movement contains a lot of energy and has potential to be utilized most of the time. Estimates show that the relatively calm Baltic Sea alone could generate some 24 TWh electricity representing close to the total amount of electricity consumed annually by all Swedish households.

Fortum hopes that the Swedish Energy Agency will contribute with partial financing. A large-scale site would enhance a more rapid development of wave power to commercial production.

“A precondition for the Swedish Government’s ambitious goal to expand the electricity certificate system to 25 TWh is that all available renewable energy sources are utilised. And we believe wave power has very large potential,” emphasises Hult.

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