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[\[Energy\] NCKU Signs Pact to Develop Offshore Wind Power](#)

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CNA (2011/09/23) National Cheng Kung University (NCKU) signed a cooperation agreement with a non-profit organization and a company to build an offshore wind farm that could provide electricity for 130,000 households for one year.

The university's Research Center for Energy Technology and Strategy and Tainan Hydraulics Laboratory co-signed the pact with Metal Industries Research & Development Centre, a non-profit organization, and Taiwan Generations Corp.

Wen-teng WU, Director of the Research Center for Energy Technology and Strategy, said the school hopes its academic resources can be integrated into energy industrial development.

He noted that the Bureau of Energy under the Ministry of Economic Affairs unveiled a series of incentive measures for offshore wind power systems this month, and is scheduled to promote four exemplary offshore units by 2015.

Hsin-yu LIN, General Manager of Taiwan Generations Corp., said that since Taiwan started to develop onshore wind power more than a decade ago, it has developed about 20 onshore wind farms, and the installed capacity is nearly 400 megawatts, averaging only 20 mw per wind farm.

"The major reason is that Taiwan is small with high population density, and the onshore wind farms and their scales are limited," LIN said.

He noted that Fuhai wind farm off Changpin has been assessed to be the best offshore wind farm, and it is estimated that it could generate electricity for 3,200 to 3,600 hours per year. Based on the calculation of a unit of 200 mw system, it could generate 640 million kilowatt hours of electricity, enough to power 130,000 households for one year.

Further Information:

[CNA 2011/09/23](#)

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