

Tomas Kåberger

Executive board chair Renewable Energy Institute, Tokyo

Professor, Co-Director Energy Area of Advance, Chalmers University of Technology
Visiting professor Zhejiang University, Hangzhou

1

Offshore wind costs hit record low* Published on 06/07/2016, 10:57am Two 350MW arrays in the Netherlands will supply power at €87/MWh, beating the next cheapest project by miles By Megan Darby Dong Energy has set a record low price for offshore wind power in a winning bid to build two arrays off the coast of the Netherlands. The Danish company committed to supply electricity at €72.70/MWh (US\$80.40), not including transmission costs. The cables will add about £14/MWh, experts say. That beats an industry goal of bringing costs below €100/MWh by 2020. The closest any rival had previously come was €103/MWh by Vattenfall in Denmark last "It was a result that was well beyond anyone's expectations," said Oliver Joy, spokesperson for the European Wind Energy Association.









7.33 AM CET / 9-Nov-2016 / Vattenfall (STO:ONOT)

Vattenfall wins tender to build the largest wind farm in the Nordics

Today, Vattenfall has won the tender to build Danish Kriegers Flak, a 600 MW offshore wind farm in the Baltic Sea. The winning bid was EUR 49.9 per MWh, which is among the lowest costs in the world for offshore wind power.

"The announcement is an essential milestone for our ambition to increase our production of renewable power. We are already the second largest offshore player globally. The winning bid of EUR 49,9 per MWh proves that Vattenfall is highly competitive and brings down the costs for renewable energy*, says Magnus Hall, CEO

Kriegers Flak will be Denmark's largest offshore wind farm and can supply 600,000 Danish households with renewable energy – corresponding to 23 percent of all households in Denmark. Vattenfall's investment in Kriegers Flak will be EUR 1.1 – 1.3 billion, pending a final investment decision.

"This is exciting news. I'm very proud of our people in the Wind organisation who once again delivered a winning bid. Vattenfall has won the three latest offshore wind tenders in Denmark; Horns Rev 3, Danish Near Shore and Kriegers Flak, equivalent to the energy consumption of 55 percent of the Danish households", says Gunnar Groebler, Head of Vattenfall Wind.



February 25th

Peru recently a renewable en such develop Of the 185 M

Notably, the

to be notab (Osinergn of electric price of \$ from the

Along V \$36.84 gtm.

Solar Stuns in Mexico's First Clean Energy Auction: 1,860MW Won at \$50.7 per MWh

Solar in Mexico will now grow by 521

by Mohit Anand April 05, 2014

Mexico just concluded its first Clean Energy Auction for energy, power and Clean Energy Certificates for purchase by CFE. Mexico's only utility. The results are stunning -- 11 PV projects have been awarded contracts worth 4 million megawatt-hours (DC) per year. That translates to 1.860 megawatts of capacity (using an average capacity factor of 33.6 percent). Additionally, all 11 projects have won contracts for a combined 4 million Clean Energy Certificates (CELs).

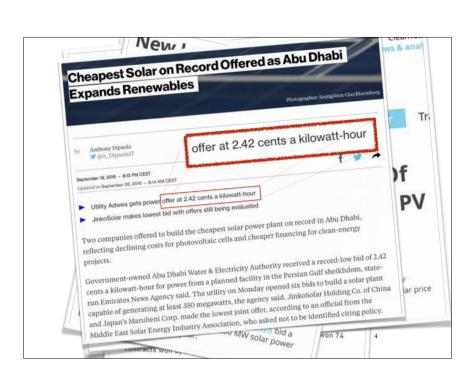
Mexico defines clean energy quite broadly, so the auction was open to competition from wind, hydro, cogeneration, combinedcycle gas, and geothermal, as well as PV. Out of a total 5.38 million megawatt-hours of energy that was awarded, PV won 74 percent and wind won the remaining 26 percent, with no contracts won by any of the other technologies



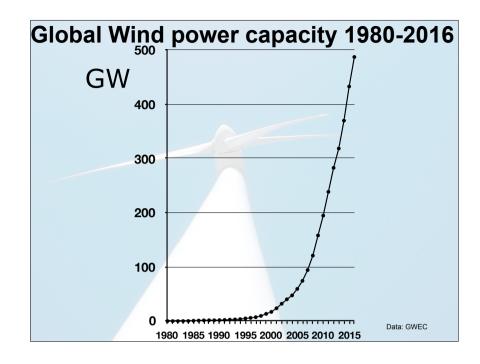


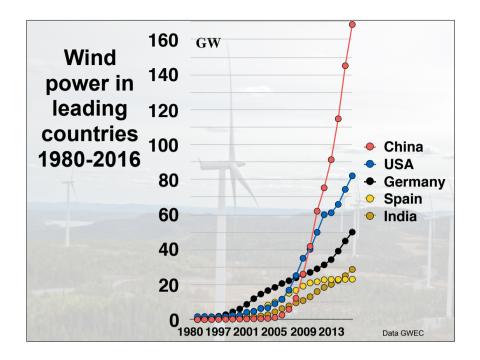


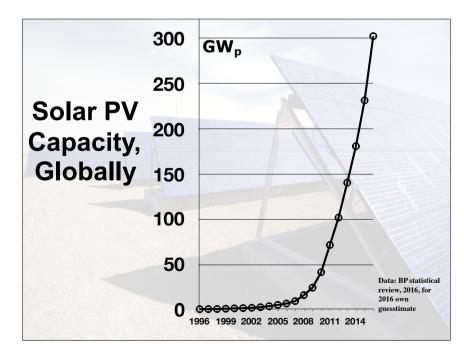


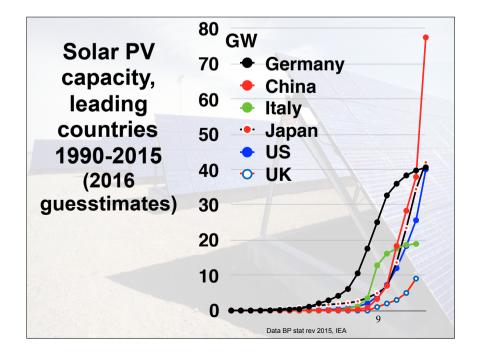














Tomas Kåberger

Executive board chair Renewable Energy Institute, Tokyo Professor, Co-Director Energy Area of Advance, Chalmers University of Technology Visiting professor Zhejiang University, Hangzhou

10