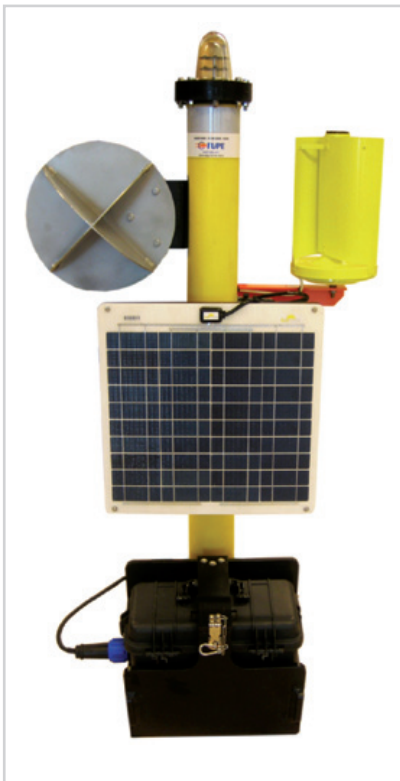


FORGEN 500NT High Performance Micro Wind Turbines



Benefits

- Much quieter in operation
- Much safer when operating in any wind speed
- Works in conjunction with solar panels
- A professional trickle charge device

Forgen Renewables provide zero battery downtime on Norwegian off-shore Fish Farms.

In 2007, the Norwegian Coastal Administration brought in new regulations for warning lights on offshore fish-farms. The regulations required a new type of light signal with a duty cycle of 62% ON with visibility of 2 – 3 nautical miles.

Norwegian Electronics Company. Fupe Systems designed a state of the art warning light with GPS synchronized flash for use in off shore applications which included a solar panel as a means of charging the battery power source. These units were located on the anchor buoys on the fish farms of Marine Harvest, the Norwegian based world's largest producer of farmed salmon.

However, due to the high power consumption of the light and the sun light hours being restrictive, the solar panel output was insufficient for 100% operation. Wiggo Edvardson of Fupe Systems comments, 'we decided to upgrade the system to include a Forgen™ wind turbine to charge the battery along with the solar panel. Since the upgrade the lights have been running 100% without any failure. Our experience shows that a solar/wind hybrid solution has been a success and keeps the battery charged day and night.'

About Marine Harvest

Marine Harvest is the world's leading seafood company offering farmed salmon and processed seafood to customers in more than 70 markets worldwide.

The company is present in all major salmon farming regions in the world and the biggest producer of farmed salmon with one fifth of the global production in addition to fresh and frozen salmon. Marine Harvest offers a wide range of value added products such as coated seafood, ready-to-eat meals, delicious finger food and smoked seafood. Though salmon is the main farmed product, the company also farms trout and white halibut.



For more information call **01275 795852** or visit www.forgenrenewables.com

Forgen Renewables Ltd. Enterprise Development Centre, Clevedon Hall Estate, Victoria Road, Clevedon, BS21 7RQ