December 10, 2001
J-Power/EPCD

Nikaho Kogen Wind Power Plant Put into Operation

The Nikaho Kogen Wind Power Generation Co., Ltd. (President; Mr. Kanji Shimada, Department Director of Business Development Dept. of J-Power/EPDC; Shareholders: EPDC, Orix Corp., Eco-Material Co., Ltd. and Kyowa Petroleum Co., Ltd.) has today, December 10, 2001, commissioned its Nikaho Kogen Wind Power Plant after a construction period starting in September 2000.

The Plant with an output capacity of 24,750kW is quite unique in Japan in terms of its scale. The entire power generated on this plant is supplied to the Tohoku Denryoku Co., Ltd.

At present, J-Power/EPDC is involved in three wind power generation projects (the present Nikaho Kogen as well as the 30,600kW Tomamae Town in Hokkaido (in operation) and the 21,000kW Kuzumaki Town/ in Iwate Prefecture (under construction). Their total power output will be 76,350kW. The Nikaho Kogen Wind Power Plant has the following features:

(1) Wind Power Generation Project in an Area of Superb Scenic Beauty
Its location on the Nikaho Highland, a site of outstanding natural beauty with a commanding view of Choukai-san (a National Designated Park) and of the Sea of Japan called for an arrangement of the wind turbines consistent with the scenic surrounds.

(2) Application of Wind Pattern Simulation Technology
Simulation of the changes in wind pattern due to the complex topographical conditions was used for a comprehensive evaluation to achieve an optimum wind generator arrangement for capturing a maximum of wind energy.

(3) Use of large-capacity wind generators
To harness a maximum of wind energy in a limited space, wind generators with the world largest output capacity for commercial units (1,650kW each) have been used. The wind generators are the same as those used at the Tomamae Wind Villa Power Plant Hokkaido built by J-Power as its main wind power facility.

1. Equipment Specifications

Name of Power Station	Nikaho Kogen Wind Power Plant (located in Nikaho Town, Yuri County, Akita Prefecture)

Output	24,750kW
Wind generator	Output per generator: 1,650kW(manufactured by Vestas Company (Denmark) Number of generator: 15
Average yearly wind velocity	Approx. 7.1m/S (at 60m altitude)
Power generated per year	Approx. 51MW (enough to supply 15,000 ordinary households with electricity)
Equipment availability	Approximately 23%
Total construction costs	Approximately 5 billion yen

End of announcement