

WIND PARK LOCATED AT ZARAKES, PREFECTURE OF EVIA

The proposed wind park was located at an area called Zarakes, within the Prefecture of Evia. Impetus was signed as the technical advisor of the project.

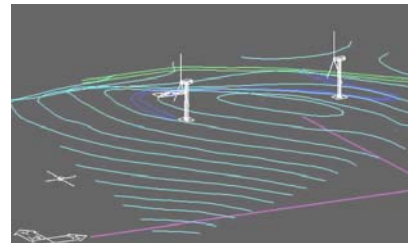
Except from the wind counts, the road accesses, the environmental planning and the entire study submitted to RAE for approval (considering Electric Power Generation), there were some of the technical services offered to the investor.

The arrangement of the wind generators in the wind park was planned taking into consideration all technical, wind, topographic and other environmental criteria.



The location proposed for the project was at the top of the hill, where other wind parks are already located and operational. The wind speed in the area exceeds 7,0 m/s, a very satisfactory level for an investment of 3,5 MW.

3-5 generators were supposed to be placed here, 1 MW each, and they would all be at a 90° angle with the most common direction of the wind in the area.



Also, we must add that at a suitable area we would place the central electric node for the electricity lines of medium tendency (20 KV) for the connection of the Aeolian park with the National Electric Power network, as well as the settlement for guarding and control over the operation and maintenance of the park.

As for the National Electric Power network, there was no restriction for the power absorption, as well as there was no negative judgement considering any environmental issue, which would be the greatest obstacle for the completion of the project. The power efficiency of this park is sufficient and the technological solutions are reliable.

Consequently, the operational authorisation was considered granted due to the fact that the road access is also very good and thus all the evaluation criteria are positive.

