

TOWER SUPPLY AND ERECTION IN RELATION T AN APPROXIMATELY 5MW WIND FARM AT MEGALI VRISSI, CRETE

Client / End User : IWEKO Megali Vrissi s.a. (Greece)

Year : 1998

Work Description :

1. Fabrication of 9 Zond 2-43 (550KW) Wind Towers
 - Total Height : 38,9m, divided in two parts connecting to each other by flanges. Length of each part is 18,6m and 20,3m respectively.
 - Bottom Flange Diameter : Ø3,90m
 - Top Flange Diameter : Ø2,05m
 - Total Weight : 43 tons
 - Material : Shell : St 44.2 Flanges : St 44.2
2. Supply and fabrication of template flanges and anchor bolts.
3. Painting of the completed tower for anticorrosive protection (coastal climate conditions).
4. Transportation of towers, flanges and anchor bolts to Megali Vrissi, Crete, Greece.
5. Erection of 9 Wind Towers, consisting of pylon, generator and helix (total diameter of blades 34m). Total erection weight for each tower was 81tns.
6. Commissioning works

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