

## Wind Energy in Romania – emerging market

Romania offers a big potential in producing green energy by the source of the wind. For now in Romania we can only speak of stations and not of wind parks. According to the Romania's Energetic Strategy for the period 2007-2020 (published in the Official Bulletin from 19.11.2007) it is intended that 33% of the energy up to 2010 should result from wind energy. The potential for wind energy in Romania is estimated with 14.000 MW, but currently the wind energy production capacity is under 20 MW. Last year, 27% of energy produced in Romania was from renewable sources out of which 98.8% of this was produced in hydroelectric.

The **erection of a wind turbine, the production and distribution of energy** the following steps and documents/certificates are necessary:

- **Proper plot of land** (best areas are in Dobrogea and Moldova; we suggest to measure the wind for a specific period of time; some help can be gained from <http://navigator.awstruwind.com/> [no free-ware]).
- **Planning (urbanistic) certificate** – this certificate shows whether the plot of land can be used for the investment of wind energy. Please note: since February 2009 not only the owner of a plot of land can ask for the planning certificate also the person with other legal titles (eg tenant, usufructuar). We recommend: prior to any purchase of land the planning certificate shall be handed over by the vendor.
- **Authorisation in construction** issued by the City Hall or the Local Counsel; the request for the authorisation in construction must be accompanied by planning (urbanistic) certificate; **environmental licence** which is issued by regional agencies for environmental protection; **fire protection authorization** which is issued by Inspectorate for Emergency Situations; and further documents listed in the Methodological Norms of Law 50/1991.
- **Authorization for the location** of the wind mill issued by National Authority on Electricity Regulator („NAER”); this document shall be part of the documentation in order to apply for the authorisation in construction;

**Article NH Bukarest/Romania**

- **Authorization for functioning** issued by NAER; the authorization can also be given to natural or legal person, Romanian or foreign ;
- **Licence for the production, transport, service system, distribution and supply of electricity issued by NAER** given to any natural or legal person in order to commercially exploit energy facilities. The term for which the license is granted for the commercial exploitation of electricity production facilities is for 25 years. The licence holder pays an annual fee to the competent authority during the license duration, including during any time while it is suspended.
- **Contract with CN Transelectrica SA** – grid operator for whole Romania (state-owned company).
- **Joining the TSO** (“Transmission and System Operator”) – system in order to hold or deal with green certificates operated by CN Transelectrica SA (wholly owned subsidiary of CN Transelectrica SA)