

*Energy Law and Sustainable Development* (2003)

**ERRATA**

p.116, end of first paragraph – "Annex I" should read "Annex II"

p.116, third paragraph – "Annex II" should read "Annex III"

p.132, title – "Annex I – Selected Legislation in Translation" should read "Annex II – Selected Legislation in Translation"

Also find attached Annexes I and III to this chapter.

## Annex I – References

Acts and Executive Orders passed by the Danish Parliament, 1981–2001 ([www.retsinfo.dk](http://www.retsinfo.dk), Danish only)

Agreement of 20 February 2002 by Parliament on amendments to the Electricity Supply Act, Ministry of Economy and Industry, February 2002

Danish Energy Sector Exports – Products and Consulting Services, Danish Energy Agency, June 2000

Danish Oil and Gas Production 2001, Danish Energy Agency, 2002

Danmarks Energifortider, Ministry of Environment and Energy, November 2001 (Danish only)

Energi- og Miljødata (EMD), 4<sup>th</sup> quarter 2001, EMD, 2002

Energy 21, the Danish Energy Agency, 1996

Energy Policy Review 2001, statement by the Minister for Environment and Energy pursuant to the Act on Energy Policy Measures, April 2001

Energy Statistics 2000, Danish Energy Agency, 2001, and Provisional Energy Statistics 2001, the Danish Energy Agency, 2002

Energy Taxes, the Danish Model, Ministry of Taxation, Copenhagen, September 1998

Natural Selection, Evolving Choices for Renewable Energy Technology and Policy, United Nations Environment Programme (UNEP), 2000

Note om afregningsregler for vindmøllestrøm, Danish Energy Agency, February 2002 (Danish only)

Rapport fra arbejdsgruppen om kraftvarme- og VE-elektricitet, Danish Energy Agency, October 2001 (Danish only)

Soaring to New Heights, The world wind energy market, Paul Gipe, Renewable Energy World, July–August 2002

Strategi- og handlingsplan for Energistyrelsens vindenergiprogrammer, EFP og UVE, Danish Energy Agency, May 2000 (Danish only)

Strategic Planning and Management of the Energy Sector, United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP), 2002

The Electricity Supply Bill, Bill no. 234 Folketinget (Danish Parliament) 1998–99, Unauthorised translation, Danish Energy Agency, June 1999 ([www.ens.dk/graphics/publikationer/laws/bill\\_234.pdf](http://www.ens.dk/graphics/publikationer/laws/bill_234.pdf))

The Green Certificate Market in Denmark, Status of implementation, Danish Energy Agency, September 2001

Vejledning om udskiftningsordningen for vindmøller på land, Danish Energy Agency, April 2001 (Danish only)

Wind Energy Policy in Denmark, Status 2002, Søren Krohn, Managing Director, Danish Wind Turbine Manufacturers Association, February 2002

Wind Energy Policy in Denmark: 25 Years of Success – What now?, Søren Krohn, Managing Director, Danish Wind Turbine Manufacturers Association, February 2002

Wind Power in Denmark: Technology, Policies and Results, Danish Energy Agency, September 1999 ([www.ens.dk](http://www.ens.dk))

Wind Power Note, No. 24, Danish Wind Turbine Manufacturers Association, July 2000

### ***Useful websites***

[www.vindmoellegodkendelse.dk](http://www.vindmoellegodkendelse.dk)  
Danish Approval Scheme for Wind Turbines

[www.ens.dk](http://www.ens.dk)  
Danish Energy Agency, Ministry of Economy and Industry, Government of Denmark

[www.windpower.dk](http://www.windpower.dk)  
Danish Wind Power Industries

[www.dkvind.dk](http://www.dkvind.dk)  
Danish Wind Turbine Owners (Danish only)

[www.emd.dk](http://www.emd.dk)  
Energi- og Miljødata (EMD)

[www.mem.dk/lpa/ukindex.htm](http://www.mem.dk/lpa/ukindex.htm)  
Spatial Planning Department, Ministry of Environment, Government of Denmark

[www.skm.dk/foreign](http://www.skm.dk/foreign)  
Ministry for Taxation, Government of Denmark

## Annex III – Highlights of Wind Power Development

1976	The first energy plan “Danish Energy Policy 76” Danish Energy Agency established
1977	Electricity tax introduced
1978	Risø test station for wind turbines established “Tvind” wind turbine, 900kW in operation Danish Wind Turbine Owners’ Association established
1979	Ministry of Energy established The first dedicated renewable energy programme initiated, introducing installation subsidies for renewable energy plants Risø authorized to license wind turbine manufacturers and approve wind turbine types
1980	“New Energy Technologies” programme initiated
1981	Energy plan “Energy 81” Danish Wind Technology Ltd established Danish Wind Turbine Manufacturers’ Association established Act on Utilization of Renewable Energy Sources offers 20% installation subsidies
1982	“Individual Energy Projects Programme” initiated Investment subsidy ceiling raised to 30% “Renewable Energy Development Programme” initiated Utilities agree to install 20–25 large wind turbines
1983	“Alternative Energy Plan 83” Renewable energy electricity to receive production subsidy by a level equivalent to the electricity tax
1984	Agreement between utilities and wind turbine associations on wind power purchase at a tariff corresponding to 85% of average consumer tariff
1985	Agreement between the government and utilities of 100MW additional wind power (implemented by 1992)
1986	Energy plan “Energy Planning 1986”
1987	Europe’s largest wind farm of 5 x 750kW operational
1988	Act on Utilization of Renewable Energy Sources is revised, installation subsidy for wind turbines at 15%, ownership rules and production ceiling
1989	Government guarantee provided to investors in wind turbine developments abroad Installation subsidies for wind turbines abolished
1990	The energy plan “Energy 2000” introduces CO <sub>2</sub> emission reduction target Agreement between utilities and government to install additional 100MW wind power (implemented by 1996)

1992	<p>CO<sub>2</sub> tax is introduced</p> <p>Production subsidy of 0.27 DKK introduced by the Act on Subsidies for Electricity Production</p> <p>Act on Utilization of Renewable Energy Sources revised, introducing rules on grid connection, power purchase obligation, 85% rule maintained, ownership rules softened, municipalities obliged to allot sites for new wind turbines</p>
1993	<p>Act on Subsidies for Electricity Production. Utilities receive 0.10 DKK in subsidy for power generated by utility-owned turbines (exemption from CO<sub>2</sub> tax)</p> <p>“Energy 2000 follow-up”</p>
1994	<p>Ministry of Environment and Energy established</p> <p>Obligation of IRP and DSM included in the Electricity Supply Act</p>
1995	<p>Review of renewable energy initiatives</p> <p>“Denmark’s Energy Futures”</p>
1996	<p>The energy plan “Energy 21” introduces a target on 1% additional renewable energy in the energy supply annually</p> <p>The EU directive on internal market for electricity is adopted</p> <p>Utilities obliged to install additional 200MW wind power capacity by 1999</p>
1997	<p>The development of a country-wide wind energy register is initiated</p> <p>Action Programme for Off-shore Wind Power Development</p>
1998	<p>A revision of the Electricity Supply Act enters into force implementing the EU Directive from 1996 (Renewable energy power purchase obligations, market opening)</p> <p>Utilities agree to install 750MW off-shore wind power capacity</p>
1999	<p>Renewable power production subsidies moved to the Act on Utilization of Renewable Energy Sources and changed to price-surcharges</p> <p>“Energy 21 follow-up”</p> <p>Electricity sector reform agreement by parliament is followed by a new Electricity Supply Act</p>
2000	<p>The electricity sector reform is approved by the EU</p> <p>Restrictions on electricity consumption and place of living for wind turbine owners abolished</p>
2001	<p>Replacement Programme of Wind Turbines operational</p> <p>Price arrangements on renewable power are removed from Act on Utilization of Renewable Energy Sources and moved under the Electricity Supply Act</p> <p>Transition settlement rules for wind power into force (awaiting RE-certificate market)</p> <p>Energy issues move to the Ministry of Economy and Industry</p>