

	<b>Name:</b>	Anders N. Andersen
	<b>Date of birth:</b>	March 25, 1953
	<b>Nationality:</b>	Danish
	<b>Profession:</b>	Head of Energy Systems Department
	<b>Education:</b>	M.Sc. in Mathematics and Physics, B.Sc. in Commerce
	<b>E-mail:</b>	ana@emd.dk

### Education

Time period	Content	Place
1986	Bachelor of Commerce	Aarhus School of Business, Aarhus University
1980	Master of Science in Mathematics and Physics	Aarhus University

### Employment Record

Time period	Title	Place/company	Description
1987-	Head of the Energy Systems Department	EMD International A/S	Investment and Operation of Local Energy Plants in a Market based Sustainable Energy System. Responsible for the development of the energy system analysis tool energyPRO, which e.g. has been used to design most Danish medium and small size CHP plants
2000-	Ext. Associate Professor	Aalborg University	
1981-86	Assistant Professor	Ringkøbing Gymnasium	

### Projects

Time period	Content
2005-2007	WP-leader in the DESIRE project (Dissemination strategy on Electricity balancing for large Scale Integration of Renewable Energy, <a href="http://www.project-desire.org/">http://www.project-desire.org/</a> ). European project involving ten partners financed by 6th FP, DG-TREN.
	WP-leader in the EU-project MASSIG (Market Access for Smaller Size Intelligent Electricity Generation, <a href="http://www.iee-massig.eu/">http://www.iee-massig.eu/</a> ).
	Project Coordinator in the Danish project Proactive participation of wind turbines in the electricity markets, in which wind turbines participating in both the Spot market and the Regulating Power is analyzed.

### **EMD International A/S**

## Publications / Articles

Date	Title
June 2010	C. Obersteiner, T. Siewierski, A. N. Andersen <i>Drivers of imbalance cost of wind power – a comparative analysis</i> 7 <sup>th</sup> Int. Conference on the European Energy Market, Madrid, Spain
2008	Henrik Lund, Georges Salgi, Brian Elmegaard and A. N. Andersen <i>Optimal Operation Strategies of Compressed Air Energy Storage (CAES) on Electricity Spot Markets with Fluctuating Prices</i> Applied Thermal Engineering
2007	Tools for Sustainable Development, Book from Department of Development and Planning Aalborg University Press
February 2007	Andersen, A.N. and Lund, H. <i>New CHP Partnerships Offering Balancing of Fluctuating Renewable Electricity Productions.</i> Journal of Cleaner Production Vol 15(3), pp. 288-293
	Lund, H. and Andersen, A.N. <i>Optimal designs of small CHP plants in a market with fluctuating electricity prices.</i> Energy Conversion and Management, Vol 46 (6), pp. 893-904
1/2004	Andersen, A. N. and Lund, Henrik <i>Decentralised CHP in a Competitive market.</i> News from DBDH journal pp. 14-17. Danish Board of District Heating
10-11 March 2004	Lund, Henrik; Andersen, A. N; Lundsgaard, Erik <i>Optimising Small CHP-plant Performance in a Competitive Market: Comparing Russia and Denmark.</i> Proceedings from Russia Power Conference and Exhibition