



The Global Wind Industry

October 2018

As a proportion of total renewable capacity, in terms of installed capacity wind energy has overtaken hydro becoming the most widely used renewable. Growth in the wind energy sector is primarily driven by one market, China.

China notwithstanding, a more rapid globalisation of wind energy is becoming evident. Countries previously without wind generation capacity, or with very limited capacity, are now looking at far more ambitious plans than the early adopters considered when wind energy was in its relative infancy and putting in place targets and fiscal incentives to reach them.

Wind power has been a remarkable success story in terms of establishing itself as a mainstream energy resource. Its growth seems certain to continue and that it will be an increasingly

valuable source of electricity generation in the future. Wind electricity generation is on the rise in the power generation sector, and NRG Expert's new *Wind Industry* intelligence product will give you the data and insights that are necessary to understand this growing market. We have researched the wind electricity market to produce an in-depth database and accompanying market research report that focuses on the generation through the use of wind technology. The report and database combine NRG Expert's research abilities with a keen understanding of the power generation landscape to give you a comprehensive look at the sector.

The Report outlines the structure of the wind industry; presenting definitions, the techniques, applications, manufacturers as well as a look at the incentives and drawbacks of wind energy. A look is taken at some of the world's major markets for wind presenting analysis and commentary on plans.

The Database contains information on over 90 countries providing, where known, the installed (nameplate) generation capacity for wind installations. The data is presented in an annex to the report and provided to you in a separate Microsoft[®] Excel[®] (.xlsx) workbook; for easy analysis and data manipulation.

	Argentina					
Annual Capacity by Fuel Type (MW)	1996	1997	1998	1999	2000	
Wind Wind Generation as a % of Total	0.00%	0.00%	0.00%	0.00%	1.01 0.00%	
	2001	2002	2003	2004	2005	
Wind Wind Generation as a % of Total	1.01 0.00%	5.06 0.02%	10.12 0.04%	25.91 0.09%	26.31 0.09%	
	2006	2007	2008	2009	2010	
Wind Wind Generation as a % of Total	27.32 0.10%	29.35 0.10%	29.35 0.10%	31.37 0.10%	50.60 0.16%	
	2011	2012	2013	2014	2015	
Wind	80.96	121.44	151.80	189.75	237.19	
Wind Generation as a % of Total	0.25%	0.37%	0.45%	0.54%	0.64%	
	2016	2017	2018	2019	2020	
Wind	296.48	370.61	463.26	579.07	723.84	
Wind Generation as a % of Total	0.77%	0.93%	1.12%	1.35%	1.63%	
1	2021	2022	2023	2024	2025	
Wind	724.09	724.28	724.40	724.46	724.46	
Wind Generation as a % of Total	1.63%	1.63%	1.63%	1.63%	1.63%	
	2026	2027	2028	2029	2030	
Wind	820.16	918.33	1015.74	1108.33	1191.23	
Wind Generation as a % of Total	1.81%	1.99%	2.16%	2.33%	2.47%	

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