

5.9.1 United States Small Wind Units and Capacity

	<u>Units</u>	<u>On-Grid Units</u>	<u>Off-Grid Units</u>	<u>Capacity kW</u>	<u>On-Grid kW</u>	<u>Off-Grid kW</u>	<u>Sales (\$ Million)</u>
2001 (1)	2100	-	-	2,100	-	-	-
2002 (1)	3100	-	-	3,100	-	-	-
2003 (1)	3200	-	-	3,200	-	-	-
2004	4671	-	-	4,878	-	-	17.2
2005	4324	-	-	3,285	-	-	11.1
2006	8330	1	7,876	8,565	4,522	4,043	35.8
2007	9102	1	7,800	9,748	5,720	4,017	43.1
2008	10386	1	7,402	17,374	13,610	3,764	73.5
2009	9820	-	-	20,375	-	-	91.0
2010	7811	-	-	25,618	-	-	139.2

	<u>Remote Off-Grid(2) (< 1 kW)</u>	<u>Residential-Scale (1 - 10 kW)</u>	<u>Commerical Scale (11 - 100 kW)</u>
% 2008 Units	65%	34%	2%
% 2008 Capacity	16%	44%	40%

Note(s): 1) Estimates. 2) Turbines under 1 kW are often used on marine vehicles to charge batteries and to pump water for irrigation or ranching.

Source(s): American Wind Energy Association (AWEA), Stimmel, Ron, 2008 AWEA Small Wind Turbine Global Market Study, June 2008 for 2006 and 2007 detail; AWEA, Stimmel, Ron, 2009 AWEA Small Wind Turbine Global Market Study for 2008 detail; and AWEA, Stimmel, Ron, 2011 AWEA Small Wind Turbine Global Market Study for 2001-2009 units and capacities.