

Table 21. Pumps On-Farm Powered by Solar and Other Renewable Energy Sources: 2008 and 2003

[Excludes institutional, research, and experimental farms and farms with horticulture. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farms	Pumps powered	Total acres irrigated	Using only solar and other renewable sources ¹						
				For pumped well water only			For pumped surface water only			
				Farms	Pumps powered	Acres irrigated	Farms	Pumps powered	Acres irrigated	
United States	1,405	1,482	25,854	372	431	15,105	1,004	1,004	6,892	
2003 ..	328	379	16,393	143	143	6,241	182	230	10,146	
2008 DATA										
Water Resources Regions										
Region 01 New England	10	10	170	-	-	-	-	-	-	-
Region 02 Mid-Atlantic	14	14	70	14	14	70	-	-	-	-
Region 03 South Atlantic-Gulf	6	6	900	6	6	900	-	-	-	-
Region 04 Great Lakes	2	(D)	(D)	-	-	-	2	(D)	(D)	(D)
Region 05 Ohio	7	(D)	(D)	-	-	-	-	-	-	-
Region 06 Tennessee	-	-	-	-	-	-	-	-	-	-
Region 07 Upper Mississippi	-	-	-	-	-	-	-	-	-	-
Region 08 Lower Mississippi	5	55	3,335	5	55	3,335	-	-	-	-
Region 09 Souris-Red-Rainy	5	5	600	5	5	600	-	-	-	-
Region 10 Missouri	-	-	-	-	-	-	-	-	-	-
Region 11 Arkansas-White-Red	-	-	-	-	-	-	-	-	-	-
Region 12 Texas-Gulf	-	-	-	-	-	-	-	-	-	-
Region 13 Rio Grande	-	-	-	-	-	-	-	-	-	-
Region 14 Upper Colorado	3	3	4,770	-	-	-	3	3	4,770	-
Region 15 Lower Colorado	-	-	-	-	-	-	-	-	-	-
Region 16 Great Basin	1	(D)	(D)	1	(D)	(D)	-	-	-	-
Region 17 Pacific Northwest	517	517	1,609	273	273	1,365	244	244	244	244
Region 18 California	810	819	10,294	68	(D)	(D)	742	(D)	(D)	(D)
Region 19 Alaska	-	-	-	-	-	-	-	-	-	-
Region 20 Hawaii	25	36	(D)	-	-	-	13	(D)	-	174

¹ Rows may not add across. Operations using more than one source of water are only included in the total columns.