

Table 21. Pumps Powered by Solar and Other Renewable Energy Sources: 2003 and 1998

[Excludes abnormal and horticultural specialty farms. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farms	Pumps powered	Total acres irrigated	Only using 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
U.S. TOTAL 2003 1998	360 (NA)	411 (NA)	16,430 (NA)	167 (NA)	167 (NA)	6,270 (NA)	190 (NA)	238 (NA)	10,154 (NA)
2003 DATA									
Alabama	-	-	-	-	-	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-
Arizona	-	-	-	-	-	-	-	-	-
Arkansas	-	-	-	-	-	-	-	-	-
California	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-
Connecticut	-	-	-	-	-	-	-	-	-
Delaware	-	-	-	-	-	-	-	-	-
Florida	-	-	-	-	-	-	-	-	-
Georgia	-	-	-	-	-	-	-	-	-
Hawaii	8	8	8	-	-	-	8	8	8
Idaho	-	-	-	-	-	-	-	-	-
Illinois	-	-	-	-	-	-	-	-	-
Indiana	-	-	-	-	-	-	-	-	-
Iowa	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-	-	-	-
Louisiana	-	-	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-
Michigan	2	(D)	(D)	2	(D)	(D)	-	-	-
Minnesota	-	-	-	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-	-
Missouri	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-
Nebraska	82	82	4,100	82	82	4,100	-	-	-
Nevada	-	-	-	-	-	-	-	-	-
New Hampshire	6	9	9	3	3	3	-	-	-
New Jersey	-	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-	-
New York	54	54	162	54	54	162	-	-	-
North Carolina	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-
Ohio	-	-	-	-	-	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-
Pennsylvania	32	64	64	-	-	-	32	64	64
Rhode Island	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-
Tennessee	19	(D)	19	19	(D)	19	-	-	-
Texas	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-
Vermont	5	5	10	5	5	10	-	-	-
Virginia	-	-	-	-	-	-	-	-	-
Washington	134	134	10,050	-	-	-	134	134	10,050
West Virginia	-	-	-	-	-	-	-	-	-
Wisconsin	16	32	32	-	-	-	16	32	32
Wyoming	2	(D)	(D)	2	(D)	(D)	-	-	-
Water Resources Areas									
WRA 01 New England	11	14	19	8	8	13	-	-	-
WRA 02 Mid-Atlantic	86	(D)	(D)	54	(D)	(D)	32	64	64
WRA 03 South Atlantic-Gulf	-	-	-	-	-	-	-	-	-
WRA 04 Great Lakes	2	(D)	(D)	2	(D)	(D)	-	-	-
WRA 05 Ohio	-	-	-	-	-	-	-	-	-
WRA 06 Tennessee	19	19	19	19	19	19	-	-	-
WRA 07 Upper Mississippi	16	32	32	-	-	-	16	32	32
WRA 08 Lower Mississippi	-	-	-	-	-	-	-	-	-
WRA 09 Souris-Red-Rainy	-	-	-	-	-	-	-	-	-
WRA 10 Missouri	84	84	5,700	84	84	5,700	-	-	-
WRA 11 Arkansas-White-Red	-	-	-	-	-	-	-	-	-
WRA 12 Texas-Gulf	-	-	-	-	-	-	-	-	-
WRA 13 Rio Grande	-	-	-	-	-	-	-	-	-
WRA 14 Upper Colorado	-	-	-	-	-	-	-	-	-
WRA 15 Lower Colorado	-	-	-	-	-	-	-	-	-
WRA 16 Great Basin	-	-	-	-	-	-	-	-	-
WRA 17 Pacific Northwest	134	134	10,050	-	-	-	134	134	10,050
WRA 18 California	-	-	-	-	-	-	-	-	-
WRA 19 Alaska	-	-	-	-	-	-	-	-	-
WRA 20 Hawaii	8	8	8	-	-	-	8	8	8

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