

## Potential Wind Energy Development in the California Desert District

**Table 1. Number of Acres with Potentially Developable Wind Resources on All BLM-Administered Lands in the California Desert District**

CDD Field Office	Total Acres	Acres per Wind Potential Class				
		3	4	5	6	7
Barstow	469,940	332,101	93,452	27,982	13,185	3,220
El Centro	205,916	116,941	29,889	17,272	28,162	13,652
Needles	435,605	342,076	70,782	14,431	7,245	1,072
Palm Springs-South Coast	259,226	180,209	42,551	16,713	11,940	7,813
Ridgecrest	373,015	158,925	89,427	54,747	47,985	21,931
total:	<b>1,743,702</b>	1,130,252	326,101	131,145	108,518	47,687

**Table 2. Number of Acres with Potentially Developable Wind Resources on BLM-Administered Lands in the California Desert District Not Excluded from Development**

CDD Field Office	Total Acres	Acres per Wind Potential Class				
		3	4	5	6	7
Barstow	298,959	220,063	51,980	16,967	8,105	1,844
El Centro	104,505	67,795	12,558	6,873	12,996	4,283
Needles	264,892	209,904	44,473	6,581	3,556	377
Palm Springs-South Coast	116,298	80,195	18,431	6,828	5,170	5,673
Ridgecrest	159,542	79,889	34,514	17,093	15,962	12,083
total:	<b>944,195</b>	657,846	161,958	54,342	45,789	24,261

**Notes:**

- 1) Derived from wind resource data developed by the National Renewable Energy Laboratory.
- 2) Areas excluded from development in Table 2 are designated Wilderness Areas, Wilderness Study Areas, and ACECs.
- 3) GIS data defining federal land ownership and federally designated units are from multiple sources and represent the best available data.

## Potential Solar Energy Development in the California Desert District

**Table 1. Number of Acres with Potentially Developable Solar Resources on All BLM-Administered Lands in the California Desert District**

CDD Field Office	Total Acres	kWh/Sq. Meter/Day						
		5.0 - 5.5	5.5 - 6.0	6.0 - 6.5	6.5 - 7.0	7.0 - 7.5	7.5 - 8.0	8.0 - 8.5
Barstow	1,462,175				247	684,024	777,784	120
El Centro	987,017				272,872	677,497	36,648	
Needles	2,119,022				30,355	1,703,099	385,568	
Palm Springs-South Coast	901,944	13	1,230	2,098	38,040	801,979	58,583	
Ridgecrest	627,126				316	63,976	529,884	32,950
total:	<b>6,097,283</b>	13	1,230	2,098	341,829	3,930,575	1,788,467	33,070

**Table 2. Number of Acres with Potentially Developable Solar Resources on BLM-Administered Lands in the California Desert District Not Excluded from Development**

CDD Field Office	Total Acres	kWh/Sq. Meter/Day						
		5.0 - 5.5	5.5 - 6.0	6.0 - 6.5	6.5 - 7.0	7.0 - 7.5	7.5 - 8.0	8.0 - 8.5
Barstow	668,249				247	390,988	276,924	90
El Centro	524,399				142,406	374,042	7,951	
Needles	805,977				30,355	725,937	49,685	
Palm Springs-South Coast	460,443	13	1,123	1,296	19,931	433,859	4,220	
Ridgecrest	254,532				316	40,049	202,563	11,605
total:	<b>2,713,601</b>	13	1,123	1,296	193,255	1,964,875	541,343	11,695

**Notes:**

- 1) Derived from solar resource data developed by the National Renewable Energy Laboratory. Data were screened to include only land with less than 5% slope and greater than 1 square kilometer total area.
- 2) Areas excluded from development in Table 2 are designated Wilderness Areas; Wilderness Study Areas; ACECs; and habitats for desert tortoise (DWMAs), Mohave ground squirrel, flat-tailed horned lizard, and Coachella Valley fringe-toed lizard.
- 3) GIS data defining federal land ownership and federally designated units are from multiple sources and represent the best available data.