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**Renewable Energy in Colorado Counties**

The clean power industry brings jobs, economic investment, and clean energy to Colorado counties. At a statewide level, Colorado has sixty-four counties, and forty-one of those counties are prime for utility-scale renewable energy projects. On a national level, Colorado is eighth in operating wind, solar, and energy storage capacity and eighth in energy produced by wind, solar, and energy storage plants.[[1]](#footnote-1)

Operating Wind, Solar, and Energy Storage Capacity in Colorado in 2023

*State-Ranked 8th*

**7,773 MW**

Wind and Solar Share of Colorado Electricity Generation in 2023 *State-Rank 7th*

**36.2%**

Renewable Energy Projects Permitted and Installed in Colorado in 2023

*State-Ranked 5th*

**1,270**

Carbon Dioxide Emissions Avoided 17.187 Million Metric Tons, equivalent to

**3,740,000 Cars Off the Road**

Counties with Renewable Energy Land Use Codes, 1041 Permitting, or Special Review Processes\*

**59**

Renewable Energy Project Acreage in Colorado \*

**521,823.12**

Number of Project Permit Denials that Have Not Been Rectified

**1**

Battery Storage Capacity

*State Ranked 5th*

**230 MW**

Number of Jobs Created in Colorado

**15,800**

**Solar Projects**

1. Victory Solar Facility - Adams County
2. Greater Sandhill Solar Farm - Alamosa County
3. San Luis Valley Solar Ranch - Alamosa County
4. Alamosa Solar Generating Plant - Alamosa County
5. Hooper Solar Project - Alamosa County
6. San Luis Valley Solar - Alamosa County
7. Great Divide Solar Energy Center - Alamosa County
8. Blanca Vista Solar Energy Facility - Alamosa County
9. Denver Int’l Airport Solar Project - Denver County
10. Palmer Solar Project - El Paso County
11. Grazing Yak Solar Project - El Paso County
12. Pike Solar Project - El Paso County
13. Air Force Academy Solar Farm - El Paso County
14. Clear Spring Ranch PV Project - El Paso County
15. Garfield Airport Solar Array - Garfield County
16. CRMS Solar Farm - Garfield County
17. Rawhide Flats Bison Solar Plant - Larimer County
18. CSU Solar Farm - Larimer County
19. San Isabel Solar - Las Animas County
20. Spanish Peaks Solar - Las Animas County
21. Elk Run Solar - Las Animas County
22. Herard Solar - Las Animas County
23. CBEP Solar 1, LLC - Logan County
24. CBEP Solar 24, LLC - Logan County
25. CBEP Solar 33, LLC - Logan County
26. Ecoplexus Inc. - Logan County
27. CEC Solar #1128, LLC - Logan County
28. Highline Solar 1, LLC - Logan County
29. Pivot Solar 10, LLC - Logan County
30. Pivot Solar 11, LLC - Logan County
31. Pivot Solar 13, LLC - Logan County
32. Pawnee Solar-AES - Morgan County
33. South Platte Solar-Nextera - Morgan County
34. Pivot Solar 32 - Morgan County
35. Fortress Solar - Morgan County
36. Pivot Solar - Morgan County
37. Bighorn Solar - Pueblo County
38. Sun Mountain Solar 1 - Pueblo County
39. Comanche Solar Project - Pueblo County
40. CEC Solar #1117, LLC - Pueblo County
41. Thunder Wolf Energy Center Hybrid - Pueblo County
42. CSU Pueblo Solar Farm - Pueblo County
43. Neptune Energy Center Hybrid - Pueblo County
44. De Tilla Gulch Solar Energy Zone - Saguache County
45. Mountain Daisy Solar - Weld County
46. SR Platte Rattlesnake Solar Farm - Weld County
47. SR Fort Lupton Solar Farm - Weld County
48. SR Mavericks Solar Farm - Weld County
49. SR Skylark and Valley Solar Farms - Weld County

**Wind Projects**

1. Twin Buttes Wind II Project - Bent County
2. Rush Creek Wind Farm - Elbert County
3. Golden West Wind Energy Center - El Paso County
4. Peak View Wind Farm - Huerfano County
5. Huerfano River Wind Farm - Huerfano County
6. Busch Ranch II Wind Project - Huerfano/Las Animas Counties
7. Kit Carson Wind Power Project - Kit Carson County
8. Carrousel Wind Farm, LLC - Kit Carson County
9. Rush Creek Wind Energy II, LLC - Kit Carson County
10. Cow Creek Wind Project, LLC - Kit Carson County
11. Bronco Plains Wind, LLC - Kit Carson County
12. Crossing Trails Wind Project, LLC - Kit Carson County
13. Bronco Plains Wind II - Kit Carson County
14. Cheyenne Ridge Wind Farm - Kit Carson County
15. The Las Animas Wind Project - Las Animas County
16. Limon Wind Energy Center - Lincoln County
17. Cedar Point Wind Farm - Lincoln & Elbert Counties
18. AP Prairie Wind, LLC - Logan County
19. CO Highland Wind, LLC - Logan County
20. Compass Wind - Logan County
21. Logan Wind Energy - Logan County
22. NECO Wind, LLC - Logan County
23. Peetz Table Wind Energy, LLC - Logan County
24. Ridge Crest Wind Partners, LLC - Logan County
25. Spring Canyon Wind Farm - Logan County
26. Niyol - Logan County
27. CO Green Wind Power Project - Prowers County
28. Twin Buttes Wind Project - Prowers County
29. Busch Ranch Wind Energy Farm - Pueblo County
30. Vestas Towers America, Inc. - Pueblo County
31. Cedar Creek Wind Farm - Weld County
32. Mountain Breeze Wind - Weld County
33. Heritage Dairy Wind Farm - Yuma County

1. American Clean Power Association, Colorado State Fact Sheet

   \* Not All Counties Reported [↑](#footnote-ref-1)