

# Permitted/Approved Renewable Energy Facilities

## NORTHERN NEVADA

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Pursuant to Nevada Revised Statute 704.865, the PUCN approves Utility Environmental Protection Act (UEPA) permits for all privately-owned conventional (natural gas, oil, coal, nuclear) utility facilities constructed in Nevada. The PUCN also approves the construction of renewable energy projects with an output greater than 70 megawatts, and transmission for renewable energy greater than 200 kilovolts. Additionally, the PUCN approves purchase power agreements (PPAs) between NV Energy and conventional utility and renewable energy facilities. See the table below for a comprehensive list of renewable energy projects in Nevada with a PUCN-approved UEPA permit and/or PPA (1980s through 2014).

Projects Within Nevada that Received PUCN Approval		PUCN Approval		Project Details			
	Project	UEPA <sup>1</sup>	PPA <sup>2</sup>	COD <sup>3</sup>	MW Nameplate <sup>4</sup>	Exporting/Internal Generation <sup>5</sup>	Notes <sup>6</sup>
<b>Biogas</b>							
1	Truckee Meadows Water Reclamation Facility		X	2004	0.80	Internal	2004
2	Nevada Department of Corrections		X	2007	1.00	N/A	07-01036
<b>Biomass</b>							
3	Sierra Pacific Industries		X	1989	10.00	N/A	1989
<b>Geothermal</b>							
4	Beowawe Power		X	2006	17.70	Internal	05-5010
5	Buffalo/Jersey Valley		X	N/A	24.00	N/A	06-10021
6	Brady		X	1992	24.00	Internal	1990
7	Carson Lake		X	N/A	31.50	N/A	06-10021
8	Carson Lake Basin Project		X	N/A	62.00	N/A	07-07013
9	Clayton Valley 1		X	N/A	53.50	N/A	10-03022
10	Coyote Canyon	X		N/A	70.00	Exporting	11-06014
11	Desert Peak 2	X	X	2007	25.00	Internal	02-11040/05-3024
12	Dixie Meadows		X	N/A	51.00	N/A	11-03014
13	Dixie Valley Power Partnership	X		1993	72.00	Exporting	93-9036
14	Earth Power Resources		X	N/A	28.00	N/A	02-11040
15	Faulkner 1	X	X	2009	49.50	Internal	06-10021/06-11032
16	Galena 2		X	2007	13.00	Internal	02-11040
17	Galena 3		X	2007	26.50	Internal	06-05040
18	Homestrech		X	1986	5.60	Internal	1986
19	Hot Sulphur Springs		X	N/A	46.00	N/A	07-07013
20	NY Canyon	X		N/A	70.00	Exporting	12-01018
21	Patua 1	X		2013	70.00	Exporting	10-03012
22	Richard Burdette, Galena 1		X	2006	26.00	Internal	04-8004
23	Salt Wells	X	X	2009	23.60	Internal	07-02015/04-4011
24	San Emidio (Expansion)		X	2012	10.90	Internal	11-08010
25	San Emidio Resources	X	X	1992	3.80	Internal	1991/91-9058
26	Soda Lake 1		X	1987	5.00	Internal	1987
27	Soda Lake 2		X	1991	18.00	Internal	1989
28	Streamboat Hills	X	X	1988	14.60	Internal	1986/86-1266
29	Steamboat 1A	X	X	1988	2.00	Internal	1988/90-383



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30	Steamboat 2	X	X	1992	13.40	Internal	1990/91-7056
31	Steamboat 3	X	X	1991	13.40	Internal	1990/91-7056
32	Stillwater 2	X	X	2009	47.20	Internal	07-02015/06-02019
33	Tuscarora		X	2012	32.00	Internal	10-03022
34	McGinness Hills 2	X	X	N/A	48.00	Internal	13-11007/14-01032
35	McGinness Hills 1	X	X	2012	48.00	Internal	10-02009/11-04014
<b>Hydro</b>							
36	Fleish		X	1905	2.30	Internal	07-01036
37	Frank Hooper		X	1986	0.80	Internal	1986
38	Lahontan		X	1989	4.00	Internal	1987
39	Stampede		X	N/A	3.60	N/A	N/A
40	Verdi		X	1911	2.20	Internal	07-01036
41	Washoe		X	1904	2.20	Internal	07-01036
<b>Landfill Gas</b>							
42	CC Landfill Energy		X	2012	12.00	Internal	09-08020
43	Lockwood Landfill		X	2012	3.20	Internal	10-03022
<b>Solar</b>							
44	Boulder Solar Power	X		N/A	300.00	Exporting	12-05037
45	Copper Mountain Solar 2	X		2013	150.00	Exporting	10-05018
46	Copper Mountain Solar 3	X		N/A	250.00	Exporting	10-12004
47	Copper Mountain Solar 4	X		N/A	94.00	Exporting	14-10013
48	Crescent Dunes	X	X	N/A	110.00	Internal	10-02010/09-07018
49	Las Vegas Valley Water District		X	2006	3.00	Internal	02-11040
50	kRoad Moapa Solar	X		N/A	350.00	Exporting	12-06019
51	Mountain View Solar		X	2014	20.00	Internal	11-03014
52	Nellis Solar PV		X	2007	13.20	Internal	07-01008
53	Fotowatio Nevada Solar		X	2012	20.00	Internal	09-08020
54	Nevada Solar One		X	2007	69.00	Internal	02-12039
55	Searchlight Solar		X	N/A	17.50	Internal	09-08020
56	Silver State Solar Power South	X		N/A	250.00	Exporting	11-09010
57	FRV Spectrum Solar		X	2013	30.00	Internal	11-03014
58	Sunshine Valley Solar	X		N/A	110.00	Exporting	14-05039
59	Techren Solar	X		N/A	300.00	Exporting	12-04013
60	Townsite Solar	X		N/A	180.00	Exporting	12-07021
61	Your Vitamins, Inc.		X	2004	0.22	Internal	02-11040
62	Moapa Solar	X		N/A	200.00	Exporting	12-08023
63	Silver State Solar Power North	X	X	2012	52.00	Internal	10-02009/09-08019
<b>Wind</b>							
64	Ely Wind Company		X	N/A	50.00	N/A	02-11040
65	Searchlight Wind Energy	X		N/A	200.00	Exporting	09-09014
66	Spring Valley Wind	X	X	2012	151.80	Internal	10-02009/10-02013
Total Megawatts approved by the PUCN					4,008		

<sup>1</sup>UEPA stands for Utility Environmental Protection Act permit.

<sup>2</sup>PPA stands for power purchase agreement.

<sup>3</sup>COD stands for commercial operation date.

<sup>4</sup>MW Nameplate refers to the megawatt nameplate or gross rating of the facility.

<sup>5</sup>The Exporting/Internal Generation column explains if the project is exporting its generation out of Nevada or if its being consumed within the state.

<sup>6</sup>The Notes column provides PUCN information such as docket numbers or the year in which PUCN approval was obtained.

