

Permitted/Approved Renewable Energy Facilities

NORTHERN NEVADA

1150 E. William Street
Carson City, NV 89701
Phone: (775) 684-6101
Fax: (775) 684-6110

Consumer Complaints: (775) 684-6100



SOUTHERN NEVADA

9075 W. Diablo Dr., Ste. 250
Las Vegas, NV 89148
Phone: (702) 486-7210
Fax: (702) 486-7206

Consumer Complaints: (702) 486-2600

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.

Projects Within Nevada that Received PUCN Approval		PUCN Approval			Project Details		
	Project	UEPA ¹	PPA ²	COD ³	MW Nameplate ⁴	Exporting/Internal Generation ⁵	Notes ⁶
Biogas							
1	Truckee Meadows Water Reclamation Facility		X	2005	0.80	Internal	2004
Geothermal							
2	Beowawe		X	2006	17.70	Internal	05-5010
3	Buffalo/Jersey Valley		X	N/A	24.00	N/A	06-10021
4	Brady		X	1992	24.00	Internal	1990
5	Carson Lake		X	N/A	31.50	N/A	06-10021
6	Carson Lake Basin Project		X	N/A	62.00	N/A	07-07013
7	Clayton Valley 1		X	N/A	53.50	N/A	10-03022
8	Coyote Canyon	X		N/A	70.00	Exporting	11-06014
9	Desert Peak 2	X	X	2007	25.00	Internal	02-11040/05-3024
10	Dixie Meadows		X	N/A	51.00	N/A	11-03014
11	Dixie Valley Power Partnership	X		1993	72.00	Exporting	93-9036
12	Earth Power Resources		X	N/A	28.00	N/A	02-11040
13	NGP Blue Mountain	X	X	2009	49.50	Internal	06-10021/06-11032
14	Galena 2		X	2007	13.00	Internal	02-11040
15	Galena 3		X	2008	26.50	Internal	06-05040
16	Homestech		X	1986	5.60	Internal	1986
17	Hot Sulphur Springs		X	N/A	46.00	N/A	07-07013
18	NY Canyon	X		N/A	70.00	Exporting	12-01018
19	ORNI 39/McGinness Hills 2	X		N/A	48.00	Exporting	14-01032
20	ORNI 43/ The Tungsten Project	X		N/A	24.00	Exporting	16-01032
21	ORNI 41/McGinness Hills 3	X		N/A	62.00	Exporting	17-09013
22	Patua 1	X		2013	70.00	Exporting	10-03012
23	Burdette		X	2006	26.00	Internal	04-8004
24	Salt Wells	X	X	2009	23.60	Internal	07-02015/04-4011
25	San Emidio (Expansion)		X	2012	10.90	Internal	11-08010
26	San Emidio Resources	X	X	1992	3.80	Internal	1991/91-9058
27	Soda Lake 1		X	1987	6.00	Internal	1987
28	Soda Lake 2		X	1991	19.50	Internal	1989
29	Streamboat Hills	X	X	1988	65.00	Internal	1986/86-1266
30	Stillwater Geothermal	X	X	2009	47.20	Internal	07-02015/06-02019
31	Tuscarora		X	2012	32.00	Internal	10-03022
32	McGinness Hills	X	X	2012	96.00	Internal	13-11007/14-01032



facebook.com/nevadapuc

www.puc.nv.gov

March 2020

twitter.com/nevada_puc



Projects Within Nevada that Received PUCN Approval		PUCN Approval			Project Details		
	Project	UEPA ¹	PPA ²	COD ³	MW Nameplate ⁴	Exporting/Internal Generation ⁵	Notes ⁶
Hydro							
33	TMWA Fleish		X	2008	2.40	Internal	07-01036
34	Hooper		X	2016	0.75	Internal	1986
35	TCID New Lahontan		X	1989	4.00	Internal	1987
36	Stampede		X	N/A	3.60	N/A	N/A
37	TMWA Verdi		X	2009	2.40	Internal	07-01036
38	TMWA Washoe		X	2008	2.50	Internal	07-01036
Landfill Gas							
39	CC Landfill Energy		X	2012	12.00	Internal	09-08020
40	WM Renewable Energy-Lockwood		X	2012	3.20	Internal	10-03022
Solar							
41	Aiya Solar	X		N/A	100	External	14-11016
42	Battle Mountain SP	X		N/A	101	External	16-11036
43	Boulder Solar 1		X	2016	100	Internal	16-04009
44	Boulder Solar 2		X	2017	50	Internal	16-08035
45	Boulder Solar Power	X		N/A	300.00	Exporting	12-05037
46	Copper Mountain Solar 2	X		2013	150.00	Exporting	10-05018
47	Copper Mountain Solar 3	X		N/A	250.00	Exporting	10-12004
48	Copper Mountain Solar 4	X		N/A	94.00	Exporting	14-10013
49	Copper Mountain Solar 5	X	X	N/A	250.00	Internal	19-04011
50	Crescent Valley Solar Energy	X			149.00	Exporting	18-12004
51	Dodge Flat Solar	X	X		200.00	Internal	18-06024
52	Tonopah Crescent Dunes	X	X	N/A	110.00	Internal	10-02010/09-07018
53	Dry Lake Solar Energy Center	X		N/A	150.00	External	14-08003
54	Harry Allen Solar Energy	X		N/A	130.00	External	14-09002/19-04028
55	Las Vegas Valley Water District		X	2006	3.00	Internal	02-11040
56	Lovelock Solar Energy	X		N/A	190.00	External	18-10013
57	kRoad Moapa Solar	X		N/A	350.00	Exporting	12-06019
58	Mountain View		X	2014	20.00	Internal	11-03014
59	Nellis 1 (Solar Star)		X	2007	13.20	Internal	07-01008
60	RV Apex		X	2012	20.00	Internal	09-08020
61	Nevada Solar One		X	2007	69.00	Internal	02-12039
62	Playa Solar LLC	X		N/A	200.00	External	14-06001
63	ACE Searchlight		X	N/A	17.50	Internal	09-08020
64	Silver State Solar Power South	X		N/A	250.00	Exporting	11-09010
65	FRV Spectrum		X	2013	30.00	Internal	11-03014
66	Sunshine Valley Solar	X		N/A	110.00	Exporting	14-05039
67	Techren Solar	X		N/A	300.00	Exporting	12-04013/17-12004
68	Townsite Solar	X		N/A	180.00	Exporting	12-07021
69	Moapa Solar	X		N/A	250.00	Exporting	12-08023
70	Silver State	X	X	2012	52.00	Internal	10-02009/09-08019
71	Stillwater PV		X	2012	22.00	Internal	11-03014
Wind							
72	Spring Valley Wind	X	X	2012	151.80	Internal	10-02009/10-02013
Total Megawatts approved by the PUCN					5,597		

¹UEPA stands for Utility Environmental Protection Act permit. | ²PPA stands for power purchase agreement. | ³COD stands for commercial operation date.

⁴MW Nameplate refers to the megawatt nameplate or gross rating of the facility. | ⁵The Exporting/Internal Generation column explains if the project is exporting its generation out of Nevada or if its being consumed within the state. | ⁶The Notes column provides PUCN information such as docket numbers or the year in which PUCN approval was obtained.



facebook.com/nevadapuc

www.puc.nv.gov

twitter.com/nevada_puc



****The locations of renewable energy projects on this map are generalizations.****

