

Renewable Energy Projects in Nevada

GEOHERMAL								updated 12/9/11
<u>Project Name</u>	<u>County</u>	<u>MW</u>	<u>Developer</u>	<u>Energy Type</u>	<u>Land Type</u>	<u>Online Date</u>	<u>Offtake</u>	<u>Status</u>
Beowawe	Land/Eureka	17	Terra-Gen Power	Geothermal	BLM	Now	NVE	In Service
Blue Mountain	Humboldt	49	Nevada Geothermal Power	Geothermal	BLM/Private	Now	NVE	In Service
Brady Hot Springs	Churchill	26	Ormat Technologies	Geothermal	BLM	Now	NVE	In Service
Desert Peak 1 & 2	Churchill	19	Ormat Technologies	Geothermal	BLM	Now	NVE	In Service
Dixie Valley	Church/Persh	67	Terra-Gen Power	Geothermal	BLM	Now	SCE	In Service
Galena 2 & 3	Washoe	39	Ormat Technologies	Geothermal	BLM	Now	NVE	In Service
Salt Wells	Churchill	23	Enel North America	Geothermal	BLM	Now	NVE	In Service
San Emidio (Empire)	Washoe	5	U.S. Geothermal	Geothermal	BLM/Private	Now	NVE	In Service
Soda Lake Complex	Churchill	27	Magma Energy Corp.	Geothermal	BLM	Now	NVE	In Service
Steamboat Hills	Washoe	49	Ormat Technologies	Geothermal	BLM	Now	NVE	In Service
Stillwater	Churchill	47	Enel North America	Geothermal	BLM	Now	NVE	In Service
Homestretch 1/2/3	Lyon	2	Homestretch Geothermal	Geothermal		Now	NVE	In Service
Richard Burdette	Washoe	26	Ormat Technologies	Geothermal		Now	NVE	In Service
Jersey Valley	Persh/Lander	30	Ormat Technologies	Geothermal	BLM	Now	NVE	In Service
Buffalo Valley	Lander	30	Ormat Technologies	Geothermal	BLM	TBD	NVE	PPA, Final Permits
Carson Lake Geothermal	Churchill	20	Ormat/NV Energy	Geothermal	BLM	TBD	NVE	PPA, Final Permits
Carson Lake Basin	Churchill	62	Reliant Energy	Geothermal	BLM	TBD	NVE	PPA, In Development
Devil's Canyon	Nye	10	Raser Technologies	Geothermal	BLM/Private	TBD	TBD	PPA, Final Permits
McGinness Hills	Lander	60	Ormat Technologies	Geothermal	BLM	2014	NVE	PPA, Final Permits
Salt Wells	Churchill	150	Ormat/Vulcan	Geothermal	BLM	TBD	NVE	BLM Approved
Trail Canyon	Nye	10	Raser Technologies	Geothermal	BLM	TBD	TBD	PPA, Final Permits
Hot Sulphur Springs	Elko	25	Ormat Technologies	Geothermal		2013	NVE	PPA, Final Permits
Clayton Valley	Esmerelda	160	Ram Power	Geothermal	BLM	2014	NVE	Regulatory Approval
Barren Hills	Lyon	46	Barren Hills Geo Power	Geothermal	BLM	2014/2015	TBD	Exploration
Coyote Canyon	Churchill	62	Terra-Gen Power	Geothermal	BLM	TBD	TBD	BLM Approved
Dead Horse	Mineral	30	Ormat Technologies	Geothermal	BLM	TBD	TBD	Exploration
Dixie Meadows	Churchill	62	Terra-Gen Power	Geothermal	BLM	TBD	TBD	Exploration
Leach Hot Springs	Churchill	TBD	Ormat Technologies	Geothermal	BLM	TBD	TBD	Exploration
Gabbs Valley	Mineral	30	Ormat Technologies	Geothermal	BLM	TBD	TBD	Exploration
New York Canyon	Pershing	62	Terra-Gen Power	Geothermal	BLM	TBD	TBD	BLM Priority, EA Pending
Panther Canyon	Pershing	34	Magma Energy Corp.	Geothermal	Private	TBD	TBD	Exploration
Patua	Church/Lyon	60	Reliant Energy	Geothermal	BLM/Private	2012	SMUD	Exploration

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Alum	Esmerelda	33	Sierra Geothermal Power	Geothermal	BLM	2013/2014	TBD	Exploration
Silver Peak	Esmerelda	15	Sierra Geothermal Power	Geothermal	BLM	2012	TBD	Exploration
Reese River	Lander	26	Sierra Geothermal Power	Geothermal	BLM	2012	NVE	Exploration

SOLAR								
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LV Valley Water Dist.	Clark	3	PowerLight Corporation	Solar PV		Now	NVE	In Service
Nellis Air Force Base	Clark	13	Fotowatio Nevada Solar	Solar PV	Military	Now	NVE	In Service
Nevada Solar One	Clark	64	Acciona Power Company	Solar Thermal	BLM	Now	NVE	In Service
Super Solar Phase 1	Carson/Clark	3.4	Sierra Nevada Corp	Solar PV	Private	Now	NVARNG	In Service
Copper Mountain	Clark	48	Sempra Generation	Solar PV		Now	PG&E	In Service
Searchlight 1	Clark	17.5	American Capital Energy	Solar PV		2012	NVE	Signed PPA
RV Apex Solar	Clark	20	Fotowatio Nevada Solar	Solar PV	Private	2012	NVE	Signed PPA
Silver State North	Clark	50	First Solar	Solar PV	BLM	2012	NVE	Under Construction
Spectrum Solar	Clark	37	Fotowatio Nevada Solar	Solar PV		2012	NVE	Signed PPA
Stillwater Solar	Churchill	24	Enel Green Power	Solar PV		2012	NVE	In Construction
Toquop Energy Project	Clark	100	Sithe Global	Solar		2012	TBD	Amended App. to BLM
Aurora Solar Tonopah	Nye	20-30	Iberdola	Solar PV	Private	2012	TBD	Negotiating Lease w/ Nye
Indeck Tonopah Solar	Nye	16	Indeck Tonopah Solar	Solar PV	BLM/Private	2012	NVE	Construction 10/2011
Crescent Dunes	Nye	180	SolarReserve	Solar Thermal	BLM	2014	NVE	BLM Priority, ROD Signed
Eldorado Valley Solar	Clark	457	SolBio Energy	Solar		2013	CA	Lease Executed
Coyote Springs 1 & 2	Clark	400	BrightSource	Solar Thermal	Private	2014	TBD	Permitting Complete, No PPA
Armagosa North Solar	Nye	150	Pacific Solar Investments	Solar PV	BLM	2014	VEA	BLM Priority, EIS Pending
Silver State South	Clark	350	First Solar	Solar PV	BLM	2014	SCE	BLM Priority
Copper Mountain 2	Clark	150	Sempra Generation	Solar PV		2015	PG&E	Construction early 2012
Moapa Solar Project	Clark	350	K Road Power	Solar PV	BLM	TBD	TBD	BLM Priority, EIS Pending
Dry Lake Valley	Clark	120	NV Energy	Solar	BLM/Private	TBD	NVE	Filed PUC UEPA

WIND								
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Spring Valley Wind	White Pine	150	Pattern Energy Group	Wind	BLM	2012	NVE	Under Construction
China Mountain	Elko	200	RES Americas/NV Energy	Wind	BLM/Private	2013	NVE	EIS & ROD 2011
Searchlight Wind	Clark	200	Duke Energy	Wind	BLM	TBD	TBD	BLM Priority, EIS pending
New Comstock Cinder Mtn	Storey	120	Great Basin Wind	Wind	BLM	TBD	TBD	Developing EIS

## Renewable Energy Projects in Nevada

Virginia Peak	Washoe	150	Nevada Wind	Wind	Private	TBD	TBD	Special Use Permit, Washoe
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TRANSMISSION								
<u>Project Name</u>	<u>County</u>	<u>MW</u>	<u>Developer</u>	<u>Energy Type</u>	<u>Land Type</u>	<u>Online Date</u>	<u>Offtake</u>	<u>Status</u>
VEA Line	Nye/Clark	230kv	Valley Electric Assn	Transmission	BLM/Private	2012		Start Soon
ON Line	Various	500kv	NV Energy/LS Power	Transmission	BLM	2013	NVE	EIS Complete
SW Intertie Project (SWIP)	White Pine	500kv	Great Basin Transmission	Transmission	BLM	TBD		
Solar Express	Armagosa	500kv	RETCO	Transmission	BLM/Private	2014	Calif.	

OTHER								
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Truckee Carson Irrigation	Lyon	0.4	Truckee Carson Irrigation District	Hydro Electric		Now	NVE	In Service
Stampede	Washoe	4	WAPA - Dept. of Reclamation	Hydro Electric		Now	NVE	In Service
Frank Hooper	Elko	0.7	Hooper Hydro Electric	Hydro Electric		Now	NVE	In Service
TM Water Reclamation	Washoe	0.8	City of Sparks	Methane		Now	NVE	In Service
Apex Landfill	Clark	11	Energenic/CC Landfill Energy	Landfill Gas	Private	Now	NVE	In Service
Lockwood Landfill	Washoe	3	Waste Management	Landfill Gas		Now	NVE	In Service

Note: This is not a complete list of projects in Nevada. Projects in their initial phases of exploration are not included. Notify the NSOE if a project is not included.