



NEW & PROPOSED GENERATION PLANTS IN NEVADA

Updated March 2016

OWNER	PLANT NAME	COUNTY	MAXIMUM CAPACITY	PRIME MOVER	ENERGY SOURCE	ACTUAL OR PROPOSED ONLINE DATE	POWER PURCHASE AGREEMENT	STATUS
Sempra Energy	Copper Mountain 2	Clark	58 MW	Photovoltaic	Sun	2015	Pacific Gas & Electric	In Operation
Tonopah Solar Energy LLC	Crescent Dunes Solar	Nye	110 MW	Steam Turbine	Sun	2015	NV Energy	In Operation
Ormat	McGinness Hills Expansion II	Lander	48 MW	Binary Turbine	Geothermal	Feb. 1, 2015	NV Energy	In Operation
Sempra Energy	Copper Mountain 3	Clark	250 MW	Photovoltaic	Sun	2015	LADWP 210 MW	In Operation
							City of Burbank 40 MW	
K Road Moapa Solar LLC	K-Road	Clark	250 MW	Photovoltaic	Sun	2016	LADWP	Under Construction
NV Energy	Nellis Solar Array II	Clark	15 MW	Photovoltaic	Sun	2015	NV Energy	In Operation
First Solar Energy LLC	Silver State Solar Power South	Clark	250 MW	Photovoltaic	Sun	2016	Southern California Edison	Under Construction
Tribal Solar, LLC	310 MW PV Solar Electric Project	Clark	310 MW	Photovoltaic	Sun	2019	Southern California Edison	Development
Mesa Solar Energy, LLC	California Ridge Solar Project	Clark	200 MW	Photovoltaic	Sun	2016	Unknown	Development
Mesa Solar Energy, LLC	Meadow Valley Solar Project	Clark	200 MW	Photovoltaic	Sun	2016	Unknown	Development
Mesa Solar Energy, LLC	Mesa Solar Energy Project	Clark	200 MW	Photovoltaic	Sun	2016	Unknown	Development
ARES Nevada LLC	ARES REM Project	Clark/Nye	50 MW (12.5 MWh)	Energy Storage	Gravity/ Shuttle Trains	Unknown	Unknown	Development
Sunshine Valley Solar LLC	Sunshine Valley Solar Project	Nye	110 MW	Photovoltaic	Sun	Late 2019	Southern California Edison	Development
Invenergy Solar Development LLC	Harry Allen Solar Energy Center	Clark	130 MW	Photovoltaic	Sun	Unknown	Unknown	Development
Boulder Solar LLC	Boulder Solar	Clark	200 MW	Photovoltaic	Sun	2016	NV Energy	Under Construction
Playa Solar LLC	NV Dry Lake	Clark	200 MW	Photovoltaic	Sun	2016	NV Energy	Under Construction
Sempra Energy	Copper Mountain Solar 4	Clark	94 MW	Photovoltaic	Sun	2016	Southern California Edison	Under Construction
NPC d/b/a NV Energy	Dry Lake Solar Energy Center	Clark	150 MW	Photovoltaic	Sun	Unknown	Unknown	Development
Aiya Solar Project LLC	Aiya Solar Project	Clark	100 MW	Photovoltaic	Sun	Unknown	Unknown	Development



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Snow Mountain Solar LLC	Snow Mountain Solar Project	Clark	100 MW	Photovoltaic	Sun	Unknown	Unknown	Development
ORNI 43 LLC	Tungsten Mountain Project	Churchill	24	Binary urbine	Geothermal	2017	Unknown	Development

TOTAL NEW & PROPOSED CAPACITY BY FUEL SOURCE AND DATE

ENERGY SOURCE	TOTAL	UNKNOWN COMMERCIAL OPERATION DATE	2015	2016	2017-2018	2019
Geothermal	72.0 MW		48 MW		24 MW	
Landfill Gas	0.0. MW					
Solar PV	2,817 MW	480 MW	323 MW	1,594 MW		420 MW
Solar Thermal	110.0 MW		110 MW			
Wind	0.0 MW					
Storage	50 MW (12.5 MWh)	50 MW				
TOTAL	3049 MW					

Notes:

1. **Sources:** PUCN Dockets, NV Energy, Project Developer Websites
2. Projects in PUCN Dockets that were proposed before mid – 2013 that have not had activity at the PUCN are not included