

NEW & PROPOSED GENERATION PLANTS IN NEVADA

Updated December 2012

OWNER	PLANT NAME	COUNTY	SUMMER CAPACITY	PRIME MOVER	ENERGY SOURCE	ACTUAL OR PROPOSED ONLINE DATE	POWER PURCHASE AGREEMENT	STATUS
Ormat Nevada Inc	Tuscarora Geothermal Power Plant	Elko	18.0 MW	Binary Turbine	Geothermal	Jan. 2012	Nevada Power Company	Online
Enel Stillwater Solar LLC	EGP Stillwater Solar LLC	Churchill	21.8 MW	Photovoltaic	Sun	March 2012	Nevada Power Company	Online
Energenic	CC Landfill Energy	Clark	10.7 MW	Internal Combustion	Landfill Gas	March 2012	Nevada Power Company	Online
WM Renewable Energy	Waste Management Lockwood LFGTE	Storey	3.2 MW	Internal Combustion	Landfill Gas	April 2012	Nevada Power Company	Online
Enbridge, Inc.	Silver State Solar Power North	Clark	50.0 MW	Photovoltaic	Sun	April 2012	Nevada Power Company	Online
UGS Nevada LLC	San Emidio	Washoe	8.0 MW	Steam Turbine	Geothermal	May 2012	Sierra Pacific Power Company	Online
Ormat Nevada Inc	McGinness Hills	Lander	30.0 MW	Binary Turbine	Geothermal	June 2012	Nevada Power Company	Online
Southern Co. / Turner Renew. Energy	Apex Solar Project	Clark	20.0 MW	Photovoltaic	Sun	July 2012	Nevada Power Company	Online
Pattern Operators LP	Spring Valley Wind	White Pine	150.0 MW	Wind Turbine	Wind	Aug. 2012	Nevada Power Company	Online
Sempra Energy	Copper Mountain 2	Clark	92.0 MW 58.0 MW	Photovoltaic	Sun	Dec. 2012 Dec. 2014	Pacific Gas & Electric	92 MW Online
								58 MW Under Construction
Southern Co. / Turner Renew. Energy	Spectrum Solar	Clark	30.0 MW	Photovoltaic	Sun	July 2013	Nevada Power Company	Permitting
Gradient Resources	Patua	Churchill	60.0 MW	Binary Turbine	Geothermal	Sept. 2013	Sacramento Mun. Utility District	Under Construction
Tonopah Solar Energy LLC	Crescent Dunes Solar	Nye	110.0 MW	Steam Turbine	Sun	Dec. 2013	Nevada Power Company	Under Construction



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NextEra Energy	Mountain View Solar	Clark	8.0 MW	Photovoltaic	Sun	February 2014	Nevada Power Company	Permitting
Ormat	Dixie Meadows	Churchill	17.0 MW	Binary Turbine	Geothermal	April 2015	Nevada Power Company	Exploration Drilling
Sempra Energy	Copper Mountain 3	Clark	250.0 MW	Photovoltaic	Sun	Dec. 2015	LADWP 210 MW	Pre-Construction
							City of Glendale 40 MW	
K Road	Moapa Solar	Clark	350.0 MW	Photovoltaic	Sun	Dec. 2015	LADWP 250 MW	Permitting
First Solar Energy LLC	Silver State Solar Power South	Clark	250.0 MW	Photovoltaic	Sun	May 2017	Southern California Edison	Permitting

Sources: EIA Form 860, PUCN Dockets, NV Energy, Company Websites, CPUC RPS Approved Contracts



TOTAL NEW & PROPOSED CAPACITY BY FUEL SOURCE AND DATE

Updated December 2012

ENERGY SOURCE	TOTAL	2012	2013	2014	2015	2017
Geothermal	133.0 MW	18.0 MW 8.0 MW 30.0 MW	60.0 MW		17.0 MW	
Landfill Gas	13.9 MW	3.2 MW 10.7 MW				
Solar PV	1,129.8 MW	21.8 MW 50.0 MW 20.0 MW 92.0 MW	30.0 MW	8.0 MW 58.0 MW	250.0 MW 350.0 MW	250.0 MW
Solar Thermal	110.0 MW		110.0 MW			
Wind	150.0 MW	150.0 MW				
TOTAL	1,536.7 MW					

