

Binary Geothermal Power Plants – Global Distribution



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Geothermal Power Plants – Installed Base

- Total installed capacity worldwide: approx. 12,000 MW (GEA data, 2013)
- Includes all geothermal cycles
- Ormat's market share: ~14%



Puna, Hawaii, USA, 38 MW, 1992, 2004, 2012 (GCCU and air-cooled OEC)



Olkaria III Complex, Kenya, 110 MW, 2000, 2008, 2013 (air-cooled OEC)

Binary Geothermal Plants – by Supplier



Mokai, New Zealand, 130 MW, 2000, 2005, 2007 (GCCU)



Ngatamariki, New Zealand, 100 MW, 2013



EGS at Insheim, Germany, 4.3 MW, air-cooled DEC

	Number of Plants	MW – All Plant Cycles	MW – Binary Cycle Only
Supplied by Ormat	90	1,683	1,491
Supplied by others	32	239	227
Total	122	1,923	1,718

Source: Ormat's database, 2014

Binary Geothermal Plants – by Country

Country	MW (Binary Cycle)	# of Binary Plants
USA	856	52
New Zealand	280	14
Turkey	179	11
Kenya	121	8
Philippines	72	7
Costa Rica	60	3
Guatemala	51	3
Germany	28	3
Portugal	22	2
Iceland	11	2
Mexico	5	2
Japan	3	2
Italy	2	2
Austria	1	2
others	30	9
Total	1,718	122

Thank you



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