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Ormat Nevada Inc.
RETI 2.0 Plenary Meeting

September 1, 2016

McGinness Hills, Nevada, US

ORMAT

Green energy you can rely on

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These forward-looking statements generally relate to the company's plans, objectives and expectations for future operations, and are based on management's current estimates and projections of future results or trends. Actual future results may differ materially from those projected as a result of certain risks and uncertainties.

For a discussion of such risks and uncertainties, please see risk factors as described in the Annual Report on Form 10-K filed with the securities and exchange commission on February 26, 2016.

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EBITDA and Adjusted EBITDA are not a measurement of financial performance or liquidity under accounting principles generally accepted in the United States of America and should not be considered as an alternative to cash flow from operating activities or as a measure of liquidity or an alternative to net earnings as indicators of our operating performance or any other measures of performance derived in accordance with accounting principles generally accepted in the United States of America. EBITDA and Adjusted EBITDA are presented because we believe they are frequently used by securities analysts, investors and other interested parties in the evaluation of a company's ability to service and/or incur debt. However, other companies in our industry may calculate EBITDA and Adjusted EBITDA differently than we do.

Ormat Global Operation - Over 700 MW

Kenya	139 MW
Olkaria III Plants 1-4	139

Guatemala	43 MW
Amatitlan	20
Zunil	23

California	181
Imperial Valley	152
Mammoth Lakes	29

United States	515 MW
Nevada (6 sites)	243
California (4 sites)	181
Hawaii	38
North & South Dakota, Minnesota, Colorado Montana & Colorado (REG[1]) (10 power plants)	53

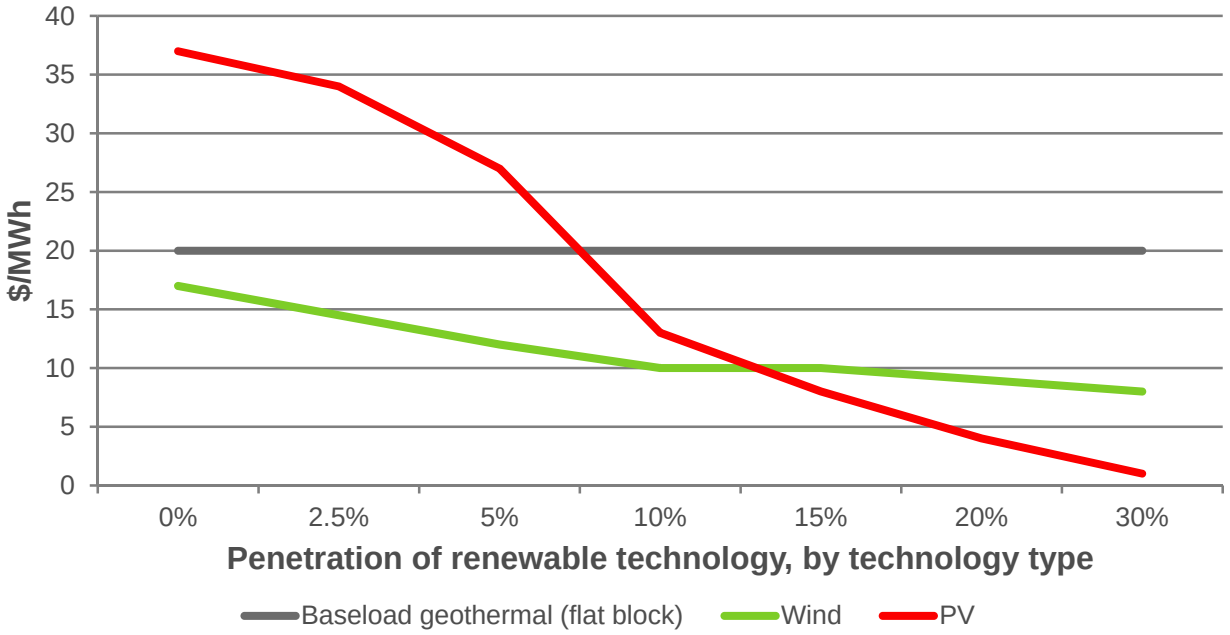
1 REG- Recovered Energy Generation

The Value of Resource Diversity

- Multiple independent studies show the benefit of a diverse portfolio with a meaningful geothermal component, e.g.
  - E3, *Investigating a Higher Renewables Portfolio Standard in California*, 2014
  - NREL, JBS Energy, GE Energy Consulting, *Low Carbon Grid Study 2030*, 2016
- These studies have not examined additional benefits of flexible geothermal operation

Baseload Geothermal Provides Sustained Capacity Value

- As solar PV penetration increases, incremental solar capacity ratings and value decline (in the absence of mitigating measures); geothermal ratings remain stable

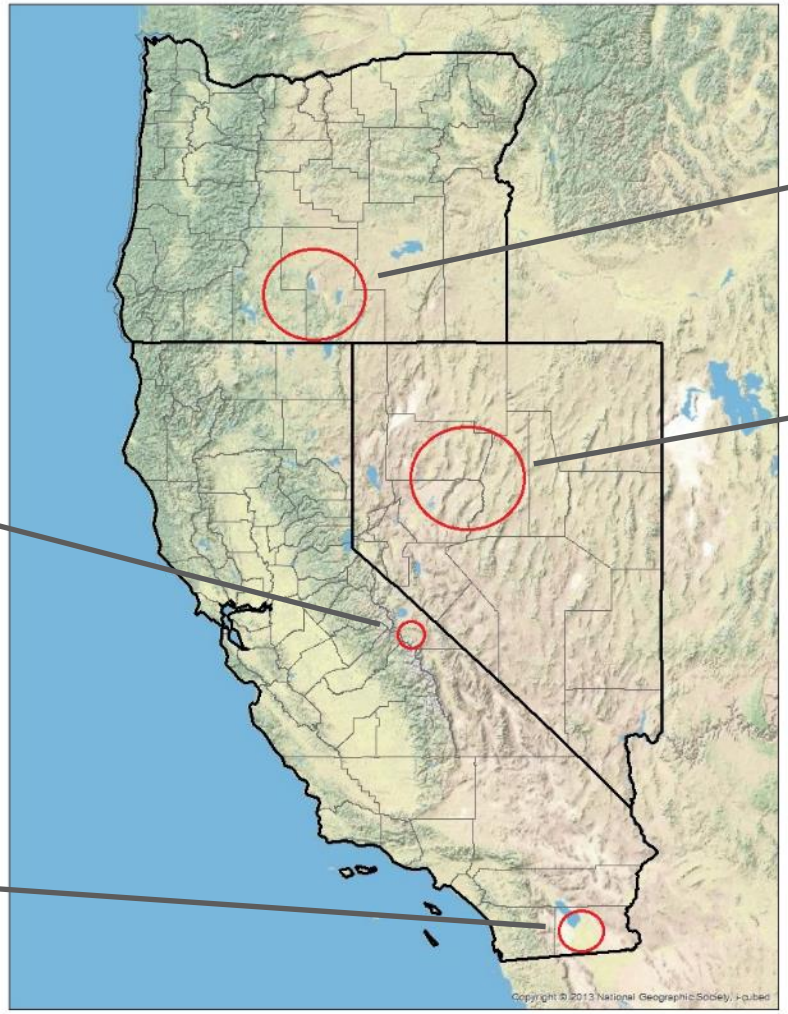


Source: illustration based on results in Mills and Wiser, *Changes in the Economic Value of Variable Generation at High Penetration Levels*, LBNL, 2012; value shown is based on avoided CT in long-term supply equilibrium

Cost and Value of Geothermal Power

- Cost of new Ormat geothermal projects is $4,000-$4,500/kW
- Cost assumptions in the current RPS Calculator are wrong
- Levelized PPA prices dropped from >$100/MWh to ~$70/MWh
- Trend is continuing
  - Cost reduction: exploration, development, power plant CAPEX, O&M
- Provides a range of operational benefits which will be needed in high renewable penetration scenarios

Main Potential for Incremental Development



Southeast Oregon:
150-300 MW

Northern Nevada:
500-1,000 MW

Eastern Sierra:
150-300 MW

Imperial Valley:
500 – 1,000 MW

Source: GeothermEx – *Geothermal Inventory* 2004; GEA – 2014 Annual US & Global Geothermal Power Production Report, Ormat estimates

Binary Geothermal Technology is Flexible

- Dispatchable resource provides a range of operational benefits:
  - Fast ramping for a range of services:
    - Multiple cycles / day
    - 30% of nameplate / minute
- Most current and future operational services could be supplied with precise operational control:
  - Real-time economic dispatch and flexible ramping reserves
  - Regulation up and down within a wide range
  - Spinning reserve and frequency response reserve
  - Voltage regulation
  - Qualifies as flexible capacity under current CPUC rules

Dispatchable Geothermal Case Study: 38 MW Puna Geothermal Venture

- Big Island, Hawaii
- Dispatchable energy
- Automatic Generator Control (AGC) remotely and automatically controlled by HELCO System Operator
- Dispatch: 22 ~ 38 MW
- Ramp rate up or down: 2 MW / minute
- Spinning reserve at all times: 3 MW

How it Works