EQUITY RESEARCH

United States of America Energy & Power Power & Utilities

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Ormat Technologies (ORA - \$ 43.41) 2-Equal weight

Change of Earnings Forecast

No Froth Valuation

February 15, 2006

Investment Conclusion

□ Based on updated growth projections, we are lowering our '06 and '07 EPS estimates to \$1.02 and \$1.44 from \$1.48 and \$1.85. We value the company using an average of several methods: IPP P/E and EV/EBITDA multiples, as well as a PEG metric applied to small cap renewables companies. Our \$29 target is reflective of the prior IPP multiples as well as a PEG ratio of 1.8x a growth rate of 22% and \$1.50 in NPV for Nevada

Summary

□ Our revised estimates incorporate 2.9M and 3.3M MWh of production in the projects division in '06 and '07. We assume 4Q Puna margins (\$172/ MWh) persist through 2007 and that SoCalEd contracts are repriced in 2007 at \$75/ MWh. Further differences detailed below.

projects currently in negotiations.

- □ We now include as a part of our valuation a group of renewable energy comparables whose '07 PEG ratio is 1.8x. We apply this to a five-year growth rate of 22%, resulting in a \$40 / share value.
- ☐ Although valuation remains a challenge at these levels, we believe ORA's strong growth prospects will help buoy the stock as some of the current excitement around renewables moderates.

Stock Rating Target Price

New:	2-Equal weight	New:	\$ 29.00
Old:	2-Equal weight	Old:	\$ 29.00

Sector View: 3-Negative

EPS (\$) (FY Dec)

	2004		2005			2006		% CI	nange
	Actual	Old	New	St. Est.	Old	New	St. Est.	2005	2006
1Q	N/A	0.12A	0.12A	0.12A	N/A	N/A	0.15E	N/A	N/A
2Q	N/A	0.13A	0.13A	0.13A	N/A	N/A	0.21E	N/A	N/A
3Q	0.29A	0.39A	0.39A	0.39A	N/A	N/A	0.38E	34%	N/A
4Q	0.17A	N/A	N/A	0.09E	N/A	N/A	0.20E	N/A	N/A
Year	0.70A	0.82E	0.82E	0.76E	1.48E	1.02E	1.07E	17%	24%
P/E	51.5		52.9			42.6			•

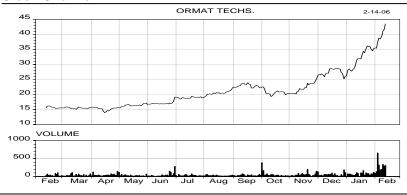
Market Data

Market Cap (Mil.)	1312
Shares Outstanding (Mil.)	31.60
Float (%)	7
Dividend Yield	0.33
Convertible	No
52 Week Range	42.64 - 13.88

Financial Summary

Revenue FY05 (Mil.)	N/A
Five-Year EPS CAGR	13.0
Return on Equity	16.30
Current BVPS	5.32
Debt To Capital (%)	78.04

Stock Overview



Summary of Model Changes

•	Former		Current		Diffe	rence	EPS	Effect
	2006E	2007E	2006E	2007E	2006E	2007E	2006E	2007E
Project MWh	3.12	3.26	2.91	3.30	-0.21	0.04	(\$0.14)	\$0.01
Project Gross Margin	46%	49%	43%	43%	-2%	-5%	(\$0.11)	(\$0.28)
Product Gross Margin	18%	18%	23%	23%	6%	6%	\$0.07	\$0.07
Tax Credits (\$M)	\$6.1	\$3.5	\$2.6	\$4.3	-\$3.5	\$0.8	(\$0.11)	\$0.03
Finance Costs (\$M)	\$42.9	\$40.2	\$44.1	\$43.6	\$1.2	\$3.3	(\$0.03)	(\$0.06)
Other							(\$0.14)	(\$0.18)
EPS Estimate	\$1.48	\$1.85	\$1.02	\$1.44	(\$0.46)	(\$0.41)	(\$0.46)	(\$0.41)

Source: Lehman Estimates

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Valuation Method IPP Average EV/EBITDA, 2007E 7.2x IPP Average 2007 P/E, 15.4x Renewable Comps, Avg. 2007 PEG 1.8x on a 5-year growth rate of 22%	Equity Value \$ MM \$636 \$729 \$1,329	Per Share Stock Value \$19.32 \$22.14 \$40.35
Average	\$898	\$27.27
SRP Projects NPV		\$1.58
Total		\$28.85

IPP P/E and EV/ EBITDA Valuation Comparables

	Current					EPS	P	/E	EBI	TDA	EV/EBI	TDA
	Price	Rating	Ticker	2005E	2006E	2007E	2006E	2007E	2006E	2007E	2006E	2007E
AES Corp.	\$16.95	2-Equal weight	AES	\$0.85	\$0.95	\$1.10	17.8x	15.4x	\$3,900	\$4,023	7.4x	7.x
International Power	\$25.78	2-Equal weight	IPR	\$1.30	\$1.80	\$2.30	14.3x	11.2x	\$736	\$840	8.6x	7.5x
NRG Energy	\$46.22	1-Overweight	NRG	\$1.93	\$2.95	\$2.72	15.7x	17.x	\$1,819	\$1,770	8.x	7.8x
Mirant	\$25.00	1-Overweight	MIR	\$0.66	\$1.41	\$1.51	19.2x	18.x	1,476	1,500	7.3x	6.5x
						IPP Average	16.8x	15.4x		IPP Average	7.8x	7.2x
British Pound		\$1.91										
	Current					EPS	P	/E	EBI	TDA	EV/EBI	TDA
	Price	Rating	Ticker	2005E	2006E	2007E	2006E	2007E	2006E	2007E	2006E	2007E
Ormat	\$43.41	2-Equal weight	ORA	\$0.78	\$1.02	\$1.44	42.5x	30.2x	\$139	\$165	14.1x	12.x

Renewable Comps

	Current			Market			PEG		P	P/E		Earnings Estimates	
	Ticker	Price	Shares	Cap	EV	% Wt	CY06	CY07	CY06	CY07	Rate	CY06	CY07
Acciona	ANA-ES	\$111.95	63.3	\$7,085		36%	1.3x	1.2x	21.4x	19.7x	17%	\$5.24	\$5.67
Evergreen Solar	ESLR	\$14.17	61.3	\$869	\$718	4%	NM	8.6x	NM	301.5x	35%	-\$0.21	\$0.05
Energy Conversion Devices	ENER	\$44.01	29.3	\$1,291	\$889	7%	NM	4.9x	NM	161.8x	33%	-\$0.67	\$0.27
Ersol	ES6-DE	\$59.00	9.8	\$578	\$355	3%	1.x	.7x	34.6x	24.1x	35%	\$1.70	\$2.45
Qcells	QCE-DE	\$87.48	30.3	\$1,963	\$1,919	10%	1.5x	1.1x	53.9x	38.8x	35%	\$1.62	\$2.26
SunTech	STP	\$38.40	144.7	\$5,555	\$5,555	28%	2.x	1.2x	68.4x	40.6x	35%	\$0.56	\$0.95
SunPower	SPWR	\$37.09	59.8	\$2,218	\$2,107	11%	3.x	1.5x	120.4x	59.6x	40%	\$0.31	\$0.62
arket - Weighted Average				\$19,559			1.5x	1.8x	47.3x	54.1x			

Ormat Valuation \$40.35

'04 -'08 Growth Rate 22%

Source: Lehman Brothers estimates for IPP comparables, First Call Consensus estimates for renewable comparables

Analyst Certification:

I, Daniel Ford, CFA, hereby certify (1) that the views expressed in this research Company Note accurately reflect my personal views about any or all of the subject securities or issuers referred to in this Company Note and (2) no part of my compensation was, is or will be directly or indirectly related to the specific recommendations or views expressed in this Company Note.

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Company Description:

ORA is a renewable energy company focusing on geothermal production with 330 MW in production as of January 2006 and a related product sales business.

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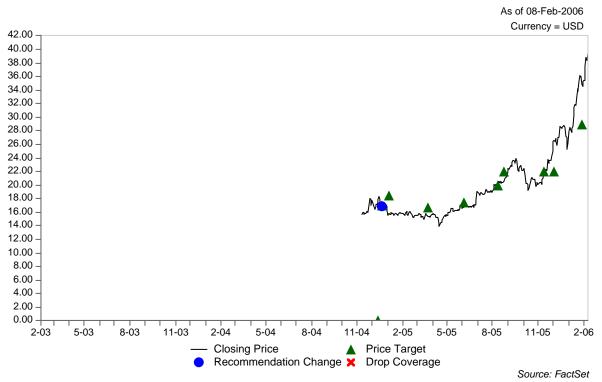
Important Disclosures:

Ormat Technologies (ORA)
Rating and Price Target Chart:

\$ 43.41 (10-Feb-2006)

2-Equal weight / 3-Negative

ORMAT TECHNOLOGIES



Currency=\$

Date	Closing Price	Rating	Price Target
27-Jan-06	34.89		29.00
02-Dec-05	26.56		22.00
14-Nov-05	21.64		22.00
24-Aug-05	20.55		22.00
11-Aug-05	20.49		20.00
03-Jun-05	16.76		17.50

Date	Closing Price	Rating	Price Target
23-Mar-05	15.45		16.75
04-Jan-05	15.82		18.50
21-Dec-04	16.94		17.00
21-Dec-04	16.94	2-Equal weight	
13-Dec-04	17.39		0.00

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Valuation Methodology: Our target is \$29, reflective of a 7.2x IPP EV/EBITDA multiple, a 15.4x IPP P/E multiple, a Renewable PEG ratio of 1.8x a LT growth rate of 22% and \$1.50 in NPV for Nevada projects.

Risks Which May Impede the Achievement of the Price Target: Risks for Ormat Technologies include geological changes that impact geothermal performance, regulation, commodity prices, and subordinate structure to Israeli-based parent.

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Important Disclosures Continued:

The analysts responsible for preparing this report have received compensation based upon various factors including the firm's total revenues, a portion of which is generated by investment banking activities

Company NameTickerPrice (10-Feb-2006)Stock / Sector RatingOrmat TechnologiesORA\$ 43.412-Equal weight / 3-Negative

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AES Corp (AES)

Alliant Energy (LNT)

American Electric Power (AEP)

Aquila, Inc (İLÀ) Cinergy Corp (CIN)

CMS Energy (CMS) Consolidated Edison (ED)

Constellation Energy (CEG) Dominion Resources (D)

DPL Inc (DPL) DTE Energy (DTE)

Duke Energy (DUK)

Edison International (EIX)

Duquesne Light Holdings (DQE)

Empire District Electric (EDE)

Entergy Corp (ETR) Exelon Corp (EXC)
FirstEnergy Corp (FE) FPL Group (FPL)

Great Plains Energy (GXP)

Hawaiian Electric Inds (HE)

ITC Holdings (ITC)
NiSource, Inc (NI)
NRG Energy (NRG)
Ormat Technologies (ORA)
PG&E Corp (PCG)
PPL Corporation (PPL)
Public Service Enterprise Gp (PEG)

Hawaiian Electric finds (RE)
Mirant Corp. (MIR)
Northeast Utilities (NU)
OGE Energy (OGE)
Pepco Holdings (POM)
Pinnacle West Capital (PNW)
Progress Energy (PGN)
Puget Energy (PSD)

Sempra Energy (SRE) Sierra Pacific Resources (SRP)

Southern Co (SO) TECO Energy (TE)
TXU Corp (TXU) Westar Energy (WR)
Wisconsin Energy (WEC) Xcel Energy (XEL)

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1-Overweight - The stock is expected to outperform the unweighted expected total return of the sector coverage universe over a 12-month investment horizon.

2-Equal weight - The stock is expected to perform in line with the unweighted expected total return of the sector coverage universe over a 12- month investment horizon.

3-Underweight - The stock is expected to underperform the unweighted expected total return of the sector coverage universe over a 12-month investment horizon.

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Sector View

1-Positive - sector coverage universe fundamentals/valuations are improving.

- 2-Neutral sector coverage universe fundamentals/valuations are steady, neither improving nor deteriorating.
- **3-Negative** sector coverage universe fundamentals/valuations are deteriorating.

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