

Solar Energy Highlights

From last quarter:

- Overall Index increased 25.9%
- Wafers / Ingots Index decreased 3.9%
- Cells / Modules Index increased 46.9%
- Vertically Integrated Index increased 31.9%
- EPC Integrators / Developers Index increased 15.7%

About the Solar Energy Stock Index

Similar to the S&P 500 Index, the Solar Stock Index is a market cap weighted composite index. The index is prepared by first selecting a base period, in this case, Q1 2009, and totaling the market caps of the companies in each sector in this period. This period and total market cap is set to a base index, in this case,

1000. Next, for each sector, the current period's total market cap is calculated, divided by the base period's total market cap and then multiplied by the base index (1000). The result is the index value used for plotting in the graph on the following page.

Solar Energy Index Outperforms S&P in Q4 2015

Winners Circle		Sector			
ReneSola Ltd.	75%	W			
Gintech Energy	112%	С			
Canadian Solar Inc.	74%	I			
SolarCity Corporation	20%	D			
Worst Performers		Sector			
GCL-Poly Energy Holdings	(16%)	W			
China Sunergy Co. Ltd.	(5%)	С			
SolarWorld AG	(39%)	ı			
Real Goods Solar, Inc.	(47%)	D			
Based on quarter-over-quarter share price performance					

EBITDA Margins	
Wafers / Ingots	16%
Cells / Modules	13%
Vertically Integrated	11%
EPC Integrators / Developers	73%
3 Year Revenue CAGR	
Wafers / Ingots	5%
Cells / Modules	6%
Vertically Integrated	10%
55011 1 15	
EPC Integrators / Developers	19%

Source: Capital IQ as of December 31, 2015 or latest available

Note: Average for each sector; CAGR stands for compound annual growth rate

Solar Energy Sector Guide

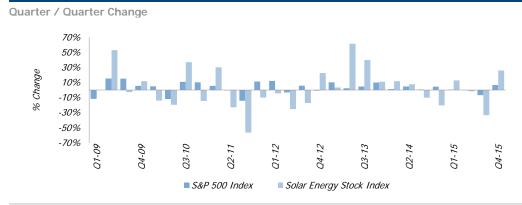
Wafers/Ingots Producers (W) Cells/Modules Production (C)

Vertically Integrated Companies (I)

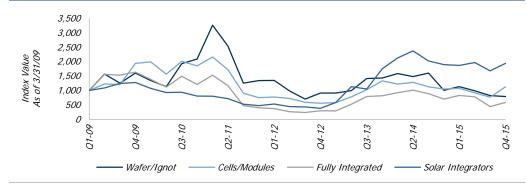
Engineering, Procurement and Construction ("EPC") Integrators / Developers (D)



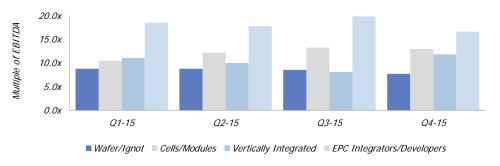
S&P Index vs. Solar Energy Stock Index



Solar Energy Stock Index by Sector



Enterprise Value⁽¹⁾ / EBITDA



(1) Enterprise Value is calculated as Market Cap on December 31, 2015 plus debt, preferred equity and minority interest less cash.



Solar	Energy	Stock	Indov	Data
Solar	Energy	Stock	inaex	Data

Company	Evehence	Stock Price	LTM Sales	Diluted EPS	Current Ratio	EV/EDITDA	EV/ Salaa	Market Cap (\$ in millions)	
Company Wafers / Ingots	Exchange	Price	(\$ in millions)	EPS	Ratio	EV/ EBITUA	EV/ Sales	(\$ III MIIIIONS)	(\$ III IIIIIIONS
GCL-Poly Energy Holdings Ltd.	Hong Kong	\$0.15	\$4,895	\$0.02	0.8	8.3x	1.9x	\$2,782	\$5,941
PV Crystalox Solar plc	London	0.13	61	(0.05)	4.8	NM	NM	21	(18)
ReneSola Ltd.	New York	1.70	1,373	(0.20)	0.6	7.2x	0.6x	174	664
	New Tork	1.70		(0.20)			1.2x	\$992	\$2,195
Average Wafers / Ingots Cells / Modules			\$2,110		2.1	7.7x	1.ZX	\$992	\$2,195
	Noodoa	¢1 10	#240	(\$2.04)	0.0	NINA	1 Fv	¢1/	¢E42
China Sunergy Co. Ltd.	Nasdaq	\$1.10	\$369	(\$3.96)	0.9	NM NM	1.5x	\$16	\$543
E-Ton Solar Tech. Co. Ltd	Taiwan	0.37	121	(0.04)	2.9		2.3x	292	(11)
Gintech Energy Corporation	Taiwan	0.97	463	(0.05)	1.7	13.6x	1.0x	435	45
Hanwha Q CELLS Co., Ltd.	New York	21.94	1,277	0.24	1.0	20.3x	2.1x	1,828	826
JA Solar Holdings Co., Ltd.	Nasdaq	9.70	1,914	1.49	1.5	3.9x	0.5x	490	459
Motech Industries, Inc.	Taiwan	1.36	642	(0.10)	1.5	35.4x	1.2x	664	116
Neo Solar Power Corporation	Taiwan	0.73	671	(0.07)	1.6	NM	1.1x	629	115
Solaria Energía y Medio Ambiente, S.A.	Madrid	0.76	23	0.06	0.4	14.1x	7.4x	82	87
Average Cells / Modules			\$685		1.4	17.5x	2.2x	\$554	\$273
Vertically Integrated									
Canadian Solar Inc.	Nasdaq	\$28.96	\$3,304	\$3.16	0.9	8.8x	0.9x	\$1,619	\$1,381
First Solar, Inc.	Nasdaq	65.99	3,645	5.67	3.6	6.1x	1.4x	6,660	(1,501)
JinkoSolar Holding Co., Ltd.	New York	27.67	1,985	1.76	1.0	10.2x	1.3x	863	1,436
Renewable Energy Corporation ASA	Oslo	0.20	381	0.07	2.8	11.9x	1.6x	510	90
SolarWorld AG	Frankfurt	9.85	784	(4.63)	2.0	NM	0.6x	147	277
SunEdison, Inc.	New York	5.09	2,497	(4.03)	1.1	NM	5.7x	1,612	9,343
SunPower Corporation	Nasdaq	30.01	2,366	0.55	1.8	18.4x	2.1x	4,099	636
Trina Solar Ltd.	New York	11.02	2,779	0.54	0.8	8.3x	0.8x	1,016	1,182
Yingli Green Energy Holding Co. Ltd.	New York	4.53	1,730	(39.66)	0.6	19.1x	1.6x	823	1,740
Average Vertically Integrated			\$2,164		1.6	11.8x	1.8x	\$1,928	\$1,621
EPC Integrators / Developers									
Capital Stage AG	Frankfurt	\$8.53	\$121	\$0.50	2.0	16.6x	12.1x	\$644	\$803
Real Goods Solar, Inc.	Nasdaq	0.63	54	(3.98)	1.0	NM	0.2x	8	1
SolarCity Corporation	Nasdag	51.02	356	(0.69)	1.0	NM	22.0x	4,979	2,032
Average EPC Integrators / Developers		· · · -	\$177	\	1.3	16.6x	11.4x	\$1,877	\$946
Average Solar Energy Index			\$1,383		1.6	13.5x	3.2x	\$1,321	\$1,139
Note: Data in table above is sourced from Capita		, ,,					U.L.	¥.,02.	4.,.5,

Note: Data in table above is sourced from Capital IQ as of December 31, 2015 or latest available data.

Stock price adjusted for dividends and splits.

Stock Index does not include polysilicon producers and diversified multi-divisional electronics firms such as Bosch, Kyocera, Mitsubishi Electric, Sanyo and Sharp.



Global Industry **Groups**

Aerospace & Defense

Automotive & Truck

Building & Infrastructure

Business Services

Chemicals

Consumer

Distribution

Electronics

Energy & Power

Financial Institutions

Food & Beverage

Healthcare

Industrials

Packaging

Technology & Media

Global Locations

Amsterdam

Beijing

Chicago

Frankfurt

London

Los Angeles

Madrid

Milan

Moscow

Mumbai

New York

Paris

São Paulo

Tokyo

Vienna

Zurich

Advisory Services

Mergers & Acquisitions

Debt Advisory

Valuations & Opinions

Special Situations

About Lincoln International

Lincoln International specializes in merger and acquisition advisory services, debt advisory services, private capital raising and restructuring advice on mid-market transactions. Lincoln International also provides fairness opinions, valuations and pension advisory services on a wide range of transaction sizes. With sixteen offices in the Americas, Asia and Europe, Lincoln International has strong local knowledge and contacts in key global economies. The firm provides clients with senior-level attention, in-depth industry expertise and integrated resources. By being focused and independent, Lincoln International serves its clients without conflicts of interest. More information about Lincoln International can be obtained at www.lincolninternational.com.

Lincoln's Renewable Energy Group

Lincoln International's Renewable Energy Group is led by a former CEO of a public company. The firm's Renewable Energy team provides transactional, financial and strategic advisory services to renewable energy companies and private equity groups. For more information, please contact:

North America

Jack Calderon

Managing Director (Chicago)

+1-312-580-6289

jcalderon@lincolninternational.com

Chaim Lubin

Director (Chicago)

+1-312-506-2753

clubin@lincolninternational.com

Asia

Tetsuya Fujii

Managing Director and

President - Japan (Tokyo)

+81-90-3248-9161

tfujii@lincolninternational.com

T.N. Giridhar

Managing Director and

President - India (Mumbai)

+91-22-4067-0300

tngiridhar@lincolninternational.com

Joe Chang

Managing Director and

CEO - China (Beijing)

+86-10-6468-6458

jchang@lincolninternational.com

South America

James Sinclair

Managing Director and

President - Brazil (São Paulo)

+55-11-3078-7579

jsinclair@lincolninternational.com

Europe

Dr. Martina Ecker

Managing Director (Frankfurt)

+49-0-69-97-105-421

m.ecker@lincolninternational.de

Richard Floto

Managing Director (Frankfurt)

+49-0-69-97-105-435

r.floto@lincolninternational.de

Géraud Estrangin

Managing Director (Paris)

+33-0-1-53-53-18-24

g.estrangin@lincolninternational.fr

Eric Wiis

Managing Director (Amsterdam)

+31-20-7670-311

e.wijs@lincolninternational.nl

Rommel Franco

Director (Madrid)

+34-91-129-4996

r.franco@lincolninternational.es

Disclaimer

This document contains significant assumptions and has been prepared based on publicly available information, or additional information supplied by the owners and/or managers of the company(ies) described in this document, which has not been independently verified. Accuracy and completeness of the information provided has been presumed and, therefore, its content may or may not be accurate and complete. No representation or warranty, either express or implied, is provided in relation to the accuracy, completeness or reliability of the information or statements made in this document and Lincoln International, its affiliates, directors, officers, employees and representatives expressly disclaim any and all liability with regards thereto. This document has been prepared for informational purposes only, is not a research report (as such term is defined by applicable law and regulations) and is not to be relied on by any person for any purpose. In addition, it is not to be construed as an offer to buy or sell or a solicitation of an offer to buy or sell any financial instruments or to participate in any particular trading strategy. No part of this material may be copied or duplicated in any form, or redistributed, without the prior written consent of Lincoln International.

