



Source: New Energy Finance

**NEX : 245.32**  
CHANGE SINCE  
**06/06/06: - 5.4%**

BIG MOVERS UP	
Intermagnetics General	+ 19.0%
Chugai Ro Co	+ 17.2%
Q-Cells	+ 4.6%
GS Yuasa	+ 4.4%
Power-One	+ 4.4%

BIG MOVERS DOWN	
Medis Technologies	- 21.2%
RailPower Technologies	- 21.9%
Quantum Fuel Systems Tech.	- 22.8%
MGP Ingredients	- 22.9%
Active Power	- 25.7%

For the two weeks to 20 June 2006, the NEX continued trading in negative territory, falling a further 14.14 points, or 5.4%, to close at 245.32. Over the same period, the AMEX Oil and NASDAQ indices also came under pressure, falling 6.2% and 2.6%, respectively.

The Hydrogen & Fuel Cells fell furthest by an average of 10.7%. NASDAQ-listed US gas and hydrogen storage equipment manufacturer, Quantum Fuel Systems Technologies Worldwide, bore the brunt of the sell-off, falling 22.8%. The company recently announced it had restated its 2005 Annual Report and 2006 Third Quarter Report to reflect revised accounting procedures following the acquisition of Tecstar Automotive Group. According to the company, the corrections did not have a material impact on its consolidated results, but may have done, if made at a later date. LSE-listed precious metal and chemical product manufacturer, Johnson Matthey, ended the period just 0.8% weaker. The company's shares might find some support in the wake of a reported 28.0% increase in profit before tax from FY05 to FY06.

The second worst performing sector was Biofuels, Biomass & Waste-to-Energy, which finished 7.6% lower. The main casualty was NASDAQ-quoted MGP Ingredients, which shed 22.8% as investors flocked to the well-received IPO of VeraSun Energy, the second

largest ethanol producer in the US. The only positive story was that of Italian utility group, Hera, which gained 3.7% after the purchase of 5.5m ordinary shares as part of its planned merger with Geat Distribuzione Gas, an Italy-based gas distributor.

The Services & Suppliers sector lost 7.2%. Shares in US-based advanced structural materials supplier, Hexcel, fell 19.4% after analysts at Wedbush Morgan maintained their "Hold" rating on the company and reduced the target price from USD 25.0 to USD 20.0. Japanese conglomerate Sekisui Chemical was the only constituent to improve, inching up 2.6% ahead of its AGM.

Solar stocks were also out of favour, with the 16 constituents dropping an average of 6.5%. US materials developer, Energy Conversion Devices, topped the loser board, slumping 15.8% as investors remained cautious over several recent executive changes. Across the Atlantic, German solar heavyweight, Q-Cells, bucked the general downbeat trend, edging 4.6% higher on news that EverQ, the joint venture between Q-Cells, US PV cell manufacturer, Evergreen Solar, and now Norwegian integrated solar PV manufacturer, REC, has secured more polysilicon from REC.

Power Storage companies fell 5.1% in total. The worst performing company was US-based battery-free power

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The WilderHill New Energy Global Innovation Index (NEX) is comprised of companies worldwide whose technologies and services focus on the generation and use of cleaner energy, energy conservation and efficiency, and advancement of renewable energy. For sector definitions please see <http://www.newenergyfinance.com/NEF/HTML/Press/NEX.pdf>. The NEX is calculated by AMEX every 15 seconds. The WilderHill New Energy Global Innovation Index will be rebalanced each quarter by the addition of new qualifying companies and the removal of companies that no longer qualify. Index Construction. The rules for the construction of the index are as follows: (1) The Index will be quoted in dollars. Some of the underlying equities being non-dollar denominated, the Index will bear an element of currency exposure. (2) The Index uses a double-modified equal-weighting methodology. The modifications consist of (i) weighting by sector, to ensure an appropriate representation across different technologies and business models within the clean energy industry; and (ii) separation into two market capitalisation bands within each sector, to reflect the mix of larger and smaller companies in the sector. (3) Sector weightings will be set at the sole discretion of the Index Provider and updated from time to time. Weightings will take into account the relative scale of the sectors; judgment regarding sectors which are over- or under-represented among quoted companies; and smoothing, so that weightings do not change too rapidly over time. The Index Provider will also take into account the need to achieve an appropriate international balance to reflect the industry as a whole. (4) No single stock may exceed 5.0% of the total Index weight after each quarterly rebalancing. (5) For a stock to be included in the selection universe, the company must be identified as one that has a meaningful exposure to clean energy, either as a technology, equipment, service or finance provider, such that profitable growth of the industry can be expected to have a positive impact on that company's performance. Generally, meaningful exposure is taken to mean that the company derives at least 10.0% of its market value from activities in clean energy, in the judgment of the Index Provider. (6) The Index will not include the stocks of funds investing in quoted equities, as these can themselves qualify for direct inclusion in the Index. The Index may, however, include the stocks of companies or funds whose main activity is investing in or holding portfolios of renewable energy generating capacity or other infrastructure, as long as they meet the other criteria for inclusion. It may also include companies or quoted funds that invest in privately held equity of qualifying companies. (7) Stocks in the Index will generally meet the following criteria relating to liquidity: • They will have three-month average market capitalisation of at least USD 150m. Market capitalisation for a majority of Index stocks is typically USD 250m and above. To account for the notable but smaller companies sometimes significant to the clean energy field, a minority of Index stocks may have market capitalisations between USD 150m and USD 250m. • We do not guarantee that calculation of the NEX does not contain errors and we accept no liability for investment decisions taken as a result of the information we provide.



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product manufacturer, Active Power, which lost 25.7%, despite announcing an order from TNT Express ICS for a 1650kVA turnkey power system. At the other end of the scale, Tokyo-listed GS Yuasa demonstrated 4.4% growth.

Generation Efficiency & Smart Distribution was the only sector to post a gain, albeit a moderate rise of 1.9%. NASDAQ-quoted superconductor specialist Intermagnetics General headed the field, surging 19.0% after Dutch electronics company, Royal Philips Electronics, agreed to acquire the former for USD 27.50 per share, or a total USD 1.3bn. In contrast, Distributed Energy Systems fell 14.5%, as investors' worries over its performance in H1 2006 offset reassurance from the CEO that 2006 would see further growth and record revenues.

Renewables - Other (Hydroelectric and Geothermal) lost 5.0%, mainly due to the weak performance of NYSE-listed geothermal project developer, Ormat Technologies. The company saw its share price slide 16.5%, despite news that it had received supply and construction orders worth USD 29.0m for three ORMAT Recovered Energy Generation (REG) power plants. Demand-Side Energy Saving and Wind traded 4.0% and 3.3% lower, respectively. Canadian hybrid locomotive manufacturer RailPower Technologies was the top loser in the former sector, shedding 21.9%. Frankfurt-listed wind turbine manufacturer, Nordex, fell 6.9%, even though the company had recently joined the technology-heavy TecDAX.

**TABLE 1: PERCENTAGE CHANGE IN MARKET CAP OF NEX CONSTITUENTS BY MAIN MARKETS AND BY KYOTO VS NON-KYOTO MARKETS (06 JUNE - 20 JUNE 2006)**

Helsinki (1)	- 0.5%
Mumbai (2)	- 1.1%
Madrid (4)	- 1.7%
Hong Kong (1)	- 2.8%
EN Paris (1)	- 3.7%
Tokyo (11)	- 3.8%
London (4)	- 3.8%
Milan (3)	- 4.3%
Sao Paulo (1)	- 4.8%
Copenhagen (2)	- 5.1%
Shanghai (1)	- 5.8%
XETRA (9)	- 6.0%
NZX (1)	- 7.8%
EN Brussels (1)	- 8.4%
Toronto (6)	- 10.1%
<b>AVERAGE CHANGE ON EXCHANGES IN KYOTO SIGNATORY COUNTRIES (48)</b>	<b>- 4.3%</b>
ASX (2)	- 2.4%
New York (10)	- 6.8%
NASDAQ N-Mkt (27)	- 8.2%
<b>AVERAGE CHANGE ON EXCHANGES IN NON-KYOTO SIGNATORY COUNTRIES (39)</b>	<b>- 7.4%</b>
<b>Overall (87):</b>	<b>- 5.4%</b>

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## FORTHCOMING EDITIONS



new energy finance briefing

**Issue 13: Public Markets Round-up Q2 2006**

**Issue 14: VC/ PE Round-up Q2 2006**

**Issue 15: M&A Round-up Q2 2006**

**Issue 16: Projects Round-up Q2 2006**



20 JUNE 2006

Company	Sector	Bloomberg ticker	Primary Market	Market Cap (USD m)	Change since 06/06/06
Abengoa	Renewables - Biomass/Fuel	ABG SM Equity	BME	2050.4	- 3.0%
Acciona	Renewable - Wind	ANA SM Equity	BME	9426.6	+ 3.0%
Actelios	Renewables - Biomass/Fuel	ACT IM Equity	Borsa Italiana	701.9	- 8.0%
Active Power	Power Storage	ACPW US Equity	NASDAQ	149.2	- 25.7%
AgCert International	Services & Suppliers	AGC LN Equity	LSE	602.4	- 4.3%
Aisin Seiki Co	Services & Suppliers	7259 JP Equity	TSE	8660.2	- 0.1%
American Superconductor	Generation Efficiency	AMSC US Equity	NASDAQ	279.9	- 7.1%
Applied Films	Renewable - Solar	AFCO US Equity	NASDAQ	445.6	+ 0.1%
Archer-Daniels-Midland	Renewables - Biomass/Fuel	ADM US Equity	NYSE	25753.6	- 5.9%
ATS Automation Tooling Systems	Renewable - Solar	ATA CN Equity	TSX	535.8	- 1.3%
Avista	Demand-Side Saving	AVA US Equity	NYSE	1087.1	- 0.4%
Babcock & Brown Wind Partners	Renewable - Wind	BBW AU Equity	ASX	545.2	0.0%
Baldor Electric Co	Generation Efficiency	BEZ US Equity	NYSE	974.0	+ 2.3%
Ballard Power Systems	Hydrogen & Fuel Cells	BLD CN Equity	TSX	646.5	- 13.8%
Baoding Tianwei Baobian Electric	Renewable - Solar	600550 CH Equity	Shanghai	879.3	- 6.0%
Bharat Heavy Electricals	Renewables - Other	BHEL IN Equity	BSE	9912.5	+ 2.0%
Byd Co	Power Storage	1211 HK Equity	HKSE	979.4	- 2.7%
Canadian Hydro Developers	Renewables - Other	KHD CN Equity	TSX	534.5	- 4.5%
Capstone Turbine	Generation Efficiency	CPST US Equity	NASDAQ	249.7	- 13.5%
Chugai Ro Co	Generation Efficiency	1964 JP Equity	TSE	334.5	+ 17.2%
Conergy	Renewable - Solar	CGY GR Equity	XETRA	1620.7	- 5.1%
Contact Energy	Renewables - Other	CEN NZ Equity	NZX	2595.9	- 5.3%
Cosan SA Industria e Comercio	Renewables - Biomass/Fuel	CSAN3 BZ Equity	Sao Paulo	3420.1	- 6.7%
Cree	Demand-Side Saving	CREE US Equity	NASDAQ	1730.8	- 6.3%
Distributed Energy Systems	Generation Efficiency	DESC US Equity	NASDAQ	171.7	- 14.5%
Ebara	Hydrogen & Fuel Cells	6361 JP Equity	TSE	1292.1	- 3.3%
Echelon	Demand-Side Saving	ELON US Equity	NASDAQ	322.4	- 0.9%
Emcore	Renewable - Solar	EMKR US Equity	NASDAQ	423.3	- 9.4%
Energy Conversion Devices	Renewable - Solar	ENER US Equity	NASDAQ	1322.5	- 15.8%
Energy Developments	Renewables - Biomass/Fuel	ENE AU Equity	ASX	427.4	- 1.6%
EnerTAD	Renewables - Biomass/Fuel	ENR IM Equity	Borsa Italiana	364.7	- 0.2%
Entegris	Services & Suppliers	ENTG US Equity	NASDAQ	1343.2	- 2.1%
Ersol Solar Energy	Renewable - Solar	ES6 GR Equity	XETRA	556.6	- 3.2%
Evergreen Solar	Renewable - Solar	ESLR US Equity	NASDAQ	761.4	- 10.4%
Fortum	Renewables - Other	FUM1V FH Equity	OMX	20744.6	+ 2.3%
FuelCell Energy	Hydrogen & Fuel Cells	FCEL US Equity	NASDAQ	445.6	- 10.3%
Gamesa Corp Tecnologica	Renewable - Wind	GAM SM Equity	BME	4760.9	+ 0.1%
GrafTech International	Services & Suppliers	GTI US Equity	NYSE	535.4	- 10.6%
GS Yuasa	Power Storage	6674 JP Equity	TSE	884.3	+ 4.4%
Harris & Harris Group	Services & Suppliers	TINY US Equity	NASDAQ	208.2	- 6.5%
Hera	Renewables - Biomass/Fuel	HRA IM Equity	Borsa Italiana	2745.9	+ 3.7%
Hexcel	Services & Suppliers	HXL US Equity	NYSE	1485.8	-1 9.4%
Hydrogenics	Hydrogen & Fuel Cells	HYG CN Equity	TSX	270.6	- 6.4%
Iberdrola	Renewable - Wind	IBE SM Equity	BME	29096.7	+ 2.2%

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Source: New Energy Finance



20 JUNE 2006

Company	Sector	Bloomberg ticker	Primary Market	Market Cap (USD m)	Change since 06/06/06
Intermagnetics General	Generation Efficiency	IMGC US Equity	NASDAQ	1137.9	+ 19.0%
International Rectifier	Demand-Side Saving	IRF US Equity	NYSE	2828.7	- 5.0%
Itron	Demand-Side Saving	ITRI US Equity	NASDAQ	1377.6	- 3.0%
Johnson Matthey	Hydrogen & Fuel Cells	JMAT LN Equity	LSE	5165.1	- 0.8%
Linear Technology	Demand-Side Saving	LLTC US Equity	NASDAQ	10369.3	- 2.8%
Marubeni	Renewable - Wind	8002 JP Equity	TSE	7196.0	- 1.2%
Maxim Power	Renewables - Biomass/Fuel	MXG CN Equity	TSX	166.0	- 7.4%
Maxwell Technologies	Power Storage	MXWL US Equity	NASDAQ	344.0	+ 0.4%
Medis Technologies	Hydrogen & Fuel Cells	MDTL US Equity	NASDAQ	526.9	- 21.2%
Meidensha	Generation Efficiency	6508 JP Equity	TSE	761.4	+ 0.4%
MEMC Electronic Materials	Renewable - Solar	WFR US Equity	NYSE	7155.2	- 1.1%
MGP Ingredients	Renewables - Biomass/Fuel	MGPI US Equity	NASDAQ	331.7	- 22.9%
Nordex	Renewable - Wind	NDX1 GR Equity	XETRA	817.2	- 6.9%
Novozymes	Renewables - Biomass/Fuel	NZYMB DC Equity	CSE	4164.3	- 4.8%
Ormat Technologies	Renewables - Other	ORA US Equity	NYSE	1037.4	-16.5%
Oxford Instruments	Generation Efficiency	OXIG LN Equity	LSE	180.2	+ 0.5%
Pacific Ethanol	Renewables - Biomass/Fuel	PEIX US Equity	NASDAQ	599.2	- 18.5%
Plug Power	Hydrogen & Fuel Cells	PLUG US Equity	NASDAQ	420.5	- 4.3%
Power Integrations	Demand-Side Saving	POWI US Equity	NASDAQ	502.9	- 4.4%
Power-One	Demand-Side Saving	PWER US Equity	NASDAQ	531.9	+ 4.4%
Puget Energy	Renewables - Other	PSD US Equity	NYSE	2451.1	- 0.8%
Q-Cells	Renewable - Solar	QCE GR Equity	XETRA	2254.3	+ 4.6%
Quantum Fuel Systems Technologies Worldwide	Hydrogen & Fuel Cells	QTWW US Equity	NASDAQ	164.8	- 22.8%
RailPower Technologies	Demand-Side Saving	P CN Equity	TSX	146.7	- 21.9%
REpower Systems	Renewable - Wind	RPW GR Equity	XETRA	334.4	- 1.5%
Saft Groupe	Power Storage	SAFT FP Equity	EN Paris	529.9	- 1.0%
Sanyo Electric	Power Storage	6764 JP Equity	TSE	3937.0	- 2.2%
Scottish & Southern Energy	Renewable - Wind	SSE LN Equity	LSE	17471.6	- 2.1%
Sekisui Chemical Co	Services & Suppliers	4204 JP Equity	TSE	4223.0	+ 2.6%
SGL Carbon	Services & Suppliers	SGL GR Equity	XETRA	1089.6	- 4.2%
Sharp	Renewable - Solar	6753 JP Equity	TSE	16136.2	- 4.4%
SolarWorld	Renewable - Solar	SWV GR Equity	XETRA	3400.8	- 5.1%
Solon	Renewable - Solar	SOO1 GR Equity	XETRA	394.8	- 2.6%
Sunpower	Renewable - Solar	SPWR US Equity	NASDAQ	1655.5	- 6.1%
Suntech Power Holdings Co	Renewable - Solar	STP US Equity	NYSE	3433.6	- 10.3%
Sunways	Renewable - Solar	SWW GR Equity	XETRA	127.2	- 2.5%
Suzlon Energy	Renewable - Wind	SUEL IN Equity	BSE	5483.7	- 3.7%
Toho Tenax Co	Services & Suppliers	3403 JP Equity	TSE	947.3	- 2.6%
Torishima Pump Manufacturing Co	Renewable - Wind	6363 JP Equity	TSE	227.0	+ 0.5%
Ultralife Batteries	Power Storage	ULBI US Equity	NASDAQ	131.9	-10.4%
Umicore	Services & Suppliers	UMC BB Equity	EN Brussels	3184.5	- 5.9%
Vestas Wind Systems	Renewable - Wind	VWS DC Equity	CSE	4296.0	- 1.4%
Zoltek Cos	Services & Suppliers	ZOLT US Equity	NASDAQ	556.0	- 12.6%
<b>OVERALL INDEX VALUE - 20 JUNE 2006: 245.32</b>				<b>256761.1</b>	<b>- 5.4%</b>

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Note: Two-week change column refers to changes since close of market on 06 June 2006

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