

## INDEX (ECO) SECTOR & STOCK WEIGHTS FOR THE START OF Q3 2010. 54 STOCKS.

Each stock freely floats according to its share price after rebalance.

\*Stocks below \$200 million in size at rebalance are banded with a 0.5% weight.

### **Renewable Energy Harvesting** - 29% sector weight (11 stocks @2.40% each; +5 banded stocks)

\**Ascent Solar*, ASTI. Solar, early-development stages for thin film CIGS flexible PV.

*Broadwind Energy*, BWEN. Wind, holds firms across supply chain for wind energy.

*Canadian Solar*, CSIQ. Solar, China based vertical-integrated solar manufacturer.

\**China Wind Systems*, CWS. Wind power, large forged components in turbines.

\**Emcore*, EMKR. Solar, Concentrating PV & CPV in terrestrial uses, also satellites.

*Energy Conversion*, ENER. Thin film, amorphous flexible PV panels; also batteries.

*First Solar*, FSLR. Thin film, CdTe solar panels reduce silicon need, and costs.

*JA Solar*, JASO. Solar, China-based sells PV modules in Asia, Europe, U.S. etc.

\**Ocean Power Technologies*, OPTT. Wave power, in speculative very early-stage.

*Ormat*, ORA. Geothermal power, works too in areas of recovered heat energy.

*SunPower*, SPWR. Solar, Efficient PV panels with all-rear-contact cells.

*SunTech Power*, STP. Solar, major producer of PV and is based in China.

*Trina Solar*, TSL. Solar, produces ingots, wafers, solar PV modules; China-based.

\**U.S. Geothermal*, HTM. Geothermal, site acquisition, PPAs, development-stage.

*Yingli Green Energy*, YGE. Vertically-integrated solar PV manufacturer, China.

*Zoltek*, ZOLT. Wind, makes carbon fiber for wind blades, product 'lightening'.

### **Power Delivery & Conservation** - 30% sector weight (13 stocks @2.30%)

*Aixtron Aktiengesellschaft*, AIXG. Deposition tools for efficient (O)LED, displays.

*Applied Materials*, AMAT. PV & semi fabrication, LCD displays, crystalline solar.

*Comverge*, COMV. Demand-side energy management, building smarter grids.

*Cree*, CREE. LEDs for efficient lighting, manufacturer for power-saving lights.

*Echelon*, ELON. Networking, better management of whole energy systems.

*GT Solar*, SOLR. Solar, PV manufacturing lines with automated fabrication.

*Itron*, ITRI. Energy monitoring, new measurement and management systems.

*MEMC*, WFR. Producer of polysilicon used in many crystalline solar PV cells.

*Quanta Services*, PWR. Infrastructure, modernized grid, smart power transmission.

*ReneSola*, SOL. Wafers, for silicon PV, mono and multicrystalline, China-based.

*Rubicon*, RBCN. Maker of substrates used in production of LEDs and lighting.

*STR Holdings*, STRI. Encapsulants, broad technology covers range of PV panels.

*Universal Display*, PANL. Organic light emitting diodes, OLED panel displays.

### **Energy Storage** - 17% sector weight (7 stocks @2.28% each; +2 banded stocks)

*Advanced Battery*, ABAT. Batteries, China based maker of Li-ion for diverse uses.

*A123 Systems*, AONE. Batteries, nano phosphate for new EVs, grid, portable power.

\**Beacon*, BCON. Flywheels, non-chemical firm power alternative; also inverters.

\**China BAK*, CBAK. Batteries, large China based OEM manufacturer of Li-ion cells.

*Ener1*, HEV. Batteries, diverse in Li-ion power storage, nanotechnology; fuel cells.

*Maxwell*, MXWL. Ultracapacitors, alternative supplement to batteries, hybrids, UPS.

*OM Group*, OMG. Cobalt and other precursors, producer for Li-Ion batteries, FCs.

*Polypore Intl.*, PPO. Batteries, separator membranes in Li-ion, Pb-acid cells.

*Sociedad de Chile*, SQM. Lithium, major Li supplier for batteries; also STEG storage.

### **Energy Conversion** - 12% sector weight (4 stocks @2.25% each; +6 banded stocks)

*American Superconductor*, AMSC. Wind power converters; also superconductor HTS.  
\**Amerigon*, ARGN. Thermoelectrics, in waste heat to power energy conversion.  
\**Ballard Power*, BLDP. Mid-size fuel cell R&D, PEM FCs potential for transportation.  
\**FuelCell Energy*, FCEL. Large fuel cells as stationary high-temp flex-fuel MCFCs.  
*Fuel Systems Solutions*, FSYS. Gaseous fuels, for ICEs in cleaner-fuel vehicles.  
*International Rectifier*, IRF. Energy-saving in power conversion and conditioning.  
\**Quantum*, QTWW. Alternative fuels for vehicle propulsion; also solar nexus.  
\**Raser*, RZ. Speculative stage licensing firm, small geothermal & electric motors.  
*Satcon*, SATC. Inverters, DC/AC conversion for larger utility-scale renewables.  
\**UQM Technologies*, UQM. Motors and controller systems, EVs & hybrid vehicles.

**Cleaner Fuels** - 5% sector weight (2 stocks @2.25% each +1 banded stock)

*Air Products & Chemicals*, APD. Hydrogen, is a supplier of industrial gases.  
*Cosan*, CZZ. Biofuels, Brazil based uses sugarcane feedstock, an ethanol exporter.  
\**Gushan*, GU. Biodiesel, vegetable oil, used-cooking oil etc feedstock; China based.

**Greener Utilities** - 7% sector weight (3 stocks @2.33% each)

*Calpine*, CPN. Geothermal: a major North American producer; low-carbon assets.  
*CPFL Energia S.A.*, CPL. Brazil Utility with both large and small hydroelectric.  
*Idacorp*, IDA. Hydroelectric, Utility with sizeable hydroelectric, some small hydro.