

## **INDEX (ECO) SECTOR & STOCK WEIGHTS FOR START OF Q4 2012. 51 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 - 20% sector weight (7 stocks @2.50 each; +5 \*banded)**

\**Canadian Solar*, CSIQ. Solar, vertically integrated solar PV manufacturer, China.

\**China Ming Yang Wind*, MY. Wind, large turbine manufacturer is a pure play.

*First Solar*, FSLR. Thin film, CdTe solar panels low-cost alternate to polysilicon.

\**Hanwha SolarOne*, HSOL. Solar PV, integrated from poly through modules.

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

*Kaydon*, KDN. Wind, Manufactures friction & velocity controls in wind turbines.

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

*SunPower*, SPWR. Solar, efficient PV panels have all-rear-contact cells.

\**SunTech Power*, STP. Solar, major producer of global PV based in China.

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

*Yingli Green Energy*, YGE. Solar, is vertically integrated PV manufacturer.

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

### **Power Delivery & Conservation - 22% sector weight (8 stocks @2.43% each; +5 banded)**

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

*Ameresco*, AMRC. Energy saving performance contracts, also in renewables.

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

*EnerNoc*, ENOC. Demand response for better energy management, smart grid.

\**Enphase*, ENPH. Microinverters, PV panel DC becomes grid compliant AC.

*GT Advanced*, GTAT. Solar, LEDS, production lines for poly & ingot; LED sapphire.

*ITC Holdings*, ITC. Power Delivery, grid transmission integrates wind/renewables.

*Itron*, ITRI. Monitoring, advanced energy metering, measurement, management.

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

\**PowerSecure*, POWR. Smart grid, demand response, distributed generation; LEDs.

*Quanta Services*, PWR. Infrastructure, modernizing grid and power transmission.

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

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

### **Energy Storage - 10% sector weight (4 stocks @2.50% each)**

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

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

*Polypore Intl.*, PPO. Separators, membranes used in Li-ion, Pb-acid battery cells.

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

### **Energy Conversion - 27% sector weight (11 stocks @2.36% each; +2 \*banded stocks)**

*American Superconductor*, AMSC. Wind power converters; superconducting HTS.

*Cree*, CREE. LEDs, manufacturer in power-saving lumens, efficient lighting.

\**FuelCell Energy*, FCEL. Large fuel cells, stationary high-temp flex-fueled MFCs.

*Fuel Systems Solutions*, FSYS. Gaseous fuels, ICEs in cleaner-fueled vehicles.

*Gentherm*, THRM. Thermoelectrics, waste heat to power, energy conversion.

*International Rectifier*, IRF. Energy-saving, power conversion and conditioning.

*Molycorp*, MCP. Rare Earths, strategic elements in NdFeB magnets, wind power.

*Power-One*, PWER. Power conditioning, inverters & converters for renewables.

*Rare Element Resources*, REE. Rare Earths, holdings for strategic lanthanides.

*Rubicon*, RBCN. Substrates, are used in the production of LEDs for lighting.

*\*SemiLEDs*, LEDS. Higher brightness LED chips, Taiwan-based manufacturer.  
*Tesla Motors*, TSLA. Electric vehicles, new pure-play in EVs, power systems.  
*Universal Display*, PANL. Organic light emitting diodes, OLED panel displays.

**Cleaner Fuels** - 14% sector weight (5 stocks @2.70% each; +1 banded stock)

*Air Products & Chemicals*, APD. Hydrogen, is a supplier of industrial gases.  
*Amyris*, AMRS. Biotech, speculative R&D for drop-in renewable diesel, jet fuels.  
*Cosan*, CZZ. Biofuels, Brazil-based uses sugarcane feedstock, ethanol exporter.  
*\*Gevo*, GEVO. Biotech, speculative R&D drop-in isobutanol, renewable biofuels.  
*Kior*, KIOR. Biofuels, catalytic process: cellulosic biomass/non-food feedstocks.  
*Solazyme*, SZYM. Biofuels, microalgae grown w/o sun, drop-in diesel substitute.

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

*Calpine*, CPN. Geothermal, major North American producer, low-carbon assets.  
*CPFL Energia S.A.*, CPL. Hydroelectric, Brazil Utility has larger, smaller hydro.  
*Idacorp*, IDA. Hydroelectric, Utility has sizeable hydroelectric, some small hydro.