

INDEX (ECO) SECTOR & STOCK WEIGHTS FOR THE START OF Q4 2009. 52 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 - 31% sector weight (11 stocks @2.63% each; +4 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.

**Emcore*, EMKR. Solar, Concentrating PV, CPV for terrestrial uses, also for satellites.

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

Evergreen ESLR. Solar, builds string-ribbon PV with reduced silicon-demand.

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 and Conservation - 35% sector weight (13 stocks @2.61% each; +2 banded stocks)

Applied Materials, AMAT. PV fabrication, manufacture thin film & crystalline.

American Superconductor, AMSC. Wind power; also superconductor 2G HTS.

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.

International Rectifier, IRF. Efficiency-enabling electronics producer.

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.

**Raser*, RZ. Speculative small licensing firm, small geothermal & electric motors.

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

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

**Spire*, SPIR. Upstream PV fabrication equipment, also nanotech, semiconductors.

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

Energy Storage - 15% sector weight (7 stocks @2.07% each; +1 banded stock)

Advanced Battery, ABAT. Batteries, China based makes Li-ion for diverse uses.

**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.

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

Valence, VLNC. Batteries, phosphate-based lithium cells address thermal events.

Energy Conversion - 7% sector weight (3 stocks @1.66% each; + 4 banded stocks)

**Amerigon*, ARGN. Thermoelectrics, subsidiary in conversion of waste heat to power.

Ballard Power, BLDP. Mid-sized fuel cells R&D, PEM FCs such as for transportation.

FuelCell Energy, FCEL. Large fuel cells as stationary high-temp flex-fuel MCFCs.

Fuel Systems Solutions, FSYS. Gaseous fuels integrator for cleaner-fuel vehicles.

**Plug Power*, PLUG. Mid-sized fuel cells for distributed generation, home power.

**Quantum*, QTWW. Alternative fuel vehicles & propulsion systems; also solar nexus.

**UQM Technologies*, UQM. Electric & hybrid vehicles; motor and controller systems.

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 (4 stocks @1.75% 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.

Portland General Electric, POR. Utility with hydro & thermal, growing renewables.