

## INDEX (ECO) SECTOR & STOCK WEIGHTS FOR START OF Q2 2014. 56 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 - 26% sector weight (12 stocks @2.12 each; +1 banded)

*\*Broadwind Energy, BWEN.* Wind power, producer of towers, gearing, services.

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

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

*Cytec, CYT.* Carbon fiber, used in tidal energy & wind power; lighter vehicles.

*Daqo New Energy, DQ.* Solar, polysilicon/wafer manufacturer; China-based.

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

*Gentherm, THRM.* Thermoelectrics, waste heat to energy harvesting for power.

*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.

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

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

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

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

### Power Delivery & Conservation - 20% sector weight (9 stocks @2.05%; +3 \*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.

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

*Itron, ITRI.* Meters, utility energy monitoring, precise measurement/management.

*\*Orion Energy Systems, OESX.* Efficiency, LED light retrofits, energy services.

*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.

*SunEdison, SUNE.* Producer of polysilicon used in crystalline c-Si solar PV cells.

### Energy Conversion - 18% sector weight (9 stocks @1.88% each; +2 \*banded stocks)

*Advanced Energy, AEIS.* Power conditioning: inverters, thin film deposition.

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

*Ballard Power, BLDP.* Mid-size fuel cells; R&D, PEM FCs such as in transportation.

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

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

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

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

*Plug Power, PLUG.* Small fuel cells, PEM for forklifts; drop in replacements.

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

*Universal Display, OLED.* Organic light emitting diodes, very efficient displays.

*\*UQM Technologies, UQM.* Motors, controller systems for EVs & hybrid vehicles.

### Energy Storage - 13% sector weight (6 stocks @2.08% each; +1 \*banded stock)

*Fuel Systems Solutions, FSYS.* Gaseous fuels; systems for cleaner-burning vehicles.

*Maxwell, MXWL.* Ultracapacitors, alternative supplements batteries, hybrids, UPS.

*OM Group, OMG.* Battery materials from cobalt etc; also magnetics, cell etching.

*Polypore Intl.*, PPO. Separators, membranes used in Li-ion, other battery cells.  
*\*Rare Element Resources*, REE. Rare Earths, holdings for strategic lanthanides.  
*Sociedad de Chile*, SQM. Lithium, major Li supplier for batteries; and STEG storage.  
*Tesla Motors*, TSLA. Electric vehicles, pure-play in EVs and ESS energy storage.

**Cleaner Fuels** - 12% sector weight (6 stocks @1.91% each; +1 \*banded stock)

*Air Products & Chemicals*, APD. Hydrogen, is a supplier of industrial gases.  
*Amyris*, AMRS. Biotech, speculative R&D in renewable fuels for transportation.  
*\*Gevo*, GEVO. Biotech, speculative R&D drop-in isobutanol, renewable biofuels.  
*Hydrogenics*, HYGS. Hydrogen, electrolysis generation & fuel cells, H2 storage.  
*Quantum Fuel Systems*, QTTW. Compressed gas, in alternative fuel vehicles.  
*Renewable Energy Group*, REGI. Biodiesel, natural fats, oils, greases to biofuels.  
*Solazyme*, SZYM. Biofuels, microalgae grown w/o sun, drop-in diesel substitute.

**Greener Utilities** - 11% sector weight (5 stocks @2.10% each; +1 \*banded stock)

*Calpine*, CPN. Geothermal, major North American producer, low-carbon assets.  
*Pattern Energy*, PEGI. Wind farms, solar is being added too, GW+ PPA agreements.  
*ITC Holdings*, ITC. Grid transmission, advanced integration for wind/renewables.  
*\*RGS Energy*, RGSE. Downstream PV, works too in crowdsourcing purchase/loans.  
*Silver Spring Networks*, SSNI. Smart grid, two-way communications aids Utilities.  
*SolarCity*, SCTY. Downstream PV leasing, can provide solar with no-upfront costs.