

## **INDEX (ECO) SECTOR & STOCK WEIGHTS FOR START OF Q4 2022. 82 STOCKS.**

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

\*Stocks below \$200 million in size at rebalance are \*banded with a 0.50% weight.

### **Renewable Energy Harvesting** - 17% weight (12 stocks @1.41% each)

*Altus Power*, AMPS. Large utility-scale & rooftop solar PV, community solar.  
*Array Technologies*, ARRY. Solar, tracker mounts follow sun through the day  
*Azure Power Global*, AZRE. Solar, India; aims for very low-cost green energy.  
*Canadian Solar*, CSIQ. Solar, vertically integrated solar manufacturer, China.  
*First Solar*, FSLR. Thin film solar, CdTe a low-cost alternate to polysilicon.  
*FTC Solar*, FTCL. Solar panel trackers mounting systems, Utility-scale.  
*JinkoSolar*, JKS. Solar, wafers through solar modules, China-based OEM.  
*Maxeon*, MAXN. Solar, efficient PV panel manufacturer after spinoff.  
*Ormat*, ORA. Geothermal, also in areas of recovering heat energy.  
*Renesola*, SOL. Solar, project development, operations, China & globally.  
*Sunlight Financial*, SUNL. Solar residential financing, credit provider.  
*TPI Composites*, TPIC. Wind Blades; also light-weighting transportation.

### **Energy Storage** - 26% sector weight (20 stocks @1.27 each + 1 \*banded)

*Albermarle*, ALB. Lithium, specialty materials in batteries for energy storage.  
*Chemical & Mining of Chile*, SQM. Lithium, large producer in energy storage.  
*Enovix*, ENVX. Silicon-anodes, 3D for improving new lithium-ion batteries.  
*\*Eos*, EOSE. Zinc grid batteries, 100% depth discharge, longer-life not li-ion.  
*ESS Tech*, GWH. Iron flow batteries, longer duration is non-lithium storage.  
*Fluence*, FLNC. Battery storage, for renewables and digital applications.  
*Lion Electric*, LEV. Urban electric trucks, buses, vans; vehicle to grid storage.  
*Lithium Americas*, LAC. Lithium, deposits in State of Nevada U.S. & Argentina.  
*Livent*, LTHM. Lithium, and compounds used in batteries for energy storage.  
*Lordstown Motors*, RIDE. Electric commercial pickup trucks, American startup.  
*NIO Inc*, NIO. EVs, China-based startup premium vehicles, battery as a service.  
*Piedmont Lithium*, PLL. Lithium, US domestic source battery-grade lithium.  
*Quantumscape*, QS. Battery, solid state lithium-metal energy dense fast charge.  
*Rivian*, RIVN. Electric vehicles, trucks and commercial fleets, charging  
*SES AI Corp*, SES. Li-metal anode battery, may be safer, faster-charging.  
*Sigma Lithium*, SGML. Lithium, in planning & pre-construction, sites in Brazil.  
*Solid Power*, SLDP. Solid electrolyte battery, Earth-abundant materials.  
*Standard Lithium*, SLI. Lithium, from brine in U.S., vs. traditional ponds.  
*Tesla*, TSLA. Electric vehicles, pure-play across EVs, advanced energy storage.  
*Workhorse*, WKHS. Electric Vehicles, large electric delivery trucks, early-stage.  
*Xpeng*, XPEV. Electric vehicles, advanced mobility, swappable batteries, China.

### **Power Delivery & Conservation** - 24% sector (18 stocks @1.25% each + 3 \*banded)

*5E Advanced Materials*, FEAM. Boron & Lithium miner, wind, EVs, batteries.  
*Ameresco*, AMRC. Energy saving efficiencies, net zero CO<sub>2</sub>, decarbonization.  
*\*American Superconductor*, AMSC. Wind, grid conditioning; superconductors.  
*\*Arcimoto*, FUV. EVs, smaller very low-cost 3 wheeled electric vehicles.  
*Blink Charging*, BLNK. EV Charging, among bigger EV charging networks.  
*Canoo*, GOEV. Electric delivery vehicles, configurable and multipurpose.  
*Chargepoint*, CHPT. EV Charging, global including for fleets and businesses.  
*\*Electrameccanica Vehicles*, SOLO. EVs, 3 wheel; custom electric vehicles.

*EVgo*, EVGO. EV Charging, DC fast-charging Networks, renewable power.  
*Fisker*, FSR. EV crossover SUV, is assembled by contract manufacturer.  
*Gogoro*, GGR. Electric scooters, swappable battery stations, Taiwan-based.  
*Itron*, ITRI. Meters, utility energy monitoring, measurement & management.  
*MYR Group*, MYRG. Grid transmission, distribution aids solar & wind farms.  
*Navitas Semiconductor*, NVT. Gallium Nitride GaN fast charging EVs.  
*Polestar*, PSNY. Electric vehicles pure play, global, and is based in Sweden.  
*Quanta Services*, PWR. Infrastructure, modernizes grid & power transmission.  
*Shoals*, SHLS. Solar, for electric balance of system, wiring, combiners.  
*Universal Display*, OLED. Organic light emitting diodes, efficient displays.  
*View*, VIEW. Smart glass, shades electronically, reduces solar heating.  
*Wallbox*, WBX. EV Charging, allows bi-directional vehicle to grid, V2G.  
*Wolfspeed*, WOLF. Electrifying power, Silicon Carbide SiC, converters.

**Energy Conversion** - 23% sector weight (18 stocks @1.25% each + 1 \*banded)

*Advanced Energy*, AEIS. Power conditioning: inverters, thin film deposition.  
*Archer Aviation*, ACHR. Electrifying aircraft, vertical takeoff & landing.  
*Ballard Power*, BLDP. Mid-size fuel cells; PEM such as in transportation.  
*Bloom Energy*, BE. Stationary fuel cells, not-yet cleanest/renewable fuels.  
*Energy Vault*, NRGV. Gravity energy storage; can repurpose old wind blades.  
*Enphase*, ENPH. Microinverters, also energy storage systems and software.  
*ESCO Technologies*, ESE. Power management, shielding, controls, testing.  
*FuelCell Energy*, FCEL. Stationary fuel cells, distributed power generation.  
*Gentherm*, THRM. Thermoelectrics, heat energy, battery management.  
*Hyzon Motors*, HYZN. H<sub>2</sub> fuel cell powered heavy trucks, buses, coaches.  
*Joby Aviation*, JOBY. Electric aircraft, cleaner, more energy efficient.  
*Li-Cycle*, LICY. Battery Recycling, closed-loop of lithium, other materials.  
*\*Lightning eMotors*, ZEV. Electric powertrain conversions, heavy vehicles.  
*Lilium*, LILM. Electric jet aircraft, eVTOLs for vertical takeoff & landing.  
*MP Materials*, MP. Rare Earths, domestic U.S. source Neodymium, NdPr.  
*Plug Power*, PLUG. Small fuel cells, for eg forklifts; drop in replacements.  
*SolarEdge Technologies*, SEDG. Inverters, solar optimizers, inverters.  
*Tritium*, DCFC. Ultra-fast EV charging networks, Australia and worldwide.  
*Vertical Aerospace*, EVT. eVTOL aircraft, urban electric, is UK based.

**Greener Utilities** - 8% sector weight (6 stocks @1.25% each + 1 \*banded)

*\*Beam*, BEEM. EV Charging, rapidly deployable portable PV power platform.  
*Brookfield Renewable*, BEPC. Renewables hydro, wind, solar; energy storage.  
*ReNew Energy*, RNW. India renewables, among largest there in solar & wind.  
*Stem*, STEM. Microgrids, smart new energy storage via machine learning.  
*Sunnova*, NOVA. Solar provider, operating fleet for residential, plus storage.  
*SunPower*, SPWR. Solar system provider, storage and distributed generation.  
*Sunrun*, RUN. Residential solar systems, PPA, lease or purchase rooftop PV.

**Cleaner Fuels** - 2% sector weight (2 stocks @1.00% each)

*Gevo*, GEVO. Biofuels, lower carbon liquid fuels from renewable sources.  
*Heliogen*, HLG. Concentrating solar mirrors, hydrogen with no fossil fuels.