

**Sectors & Stock Weightings: WilderHill Progressive Energy Index (WHPRO) for start of Q4 2017. 42 stocks.**

Each stock freely moves according to its share price after the rebalance;  
\*Banded stocks are those under \$400 million in size and weighted at 0.5%.

**Alternative Fuel - 24% Sector Weight (8 stocks @2.87% each +2 \*banded)**

*Andersons*, ANDE. Ethanol producer, corn-based; rail group is in fuel transport.  
*Chesapeake Energy*, CHK. Natural gas, one of larger U.S. independent producers.  
\**Clean Energy Fuels*, CLNE. Natural gas fuel integration; for use in fleet vehicles.  
*Cosan*, CZZ. Biofuels, Brazil-based using sugarcane feedstock, ethanol exporter.  
*Green Plains Energy*, GPRE. Biofuel, ethanol; using U.S. domestic feedstock.  
*Methanex*, MEOH. Methanol, liquid fuel may be derived from fossil fuels or organics.  
\**Pacific Ethanol*, PEIX. Biofuels, major U.S. producer of lower-carbon fuels.  
*Range Resources*, RRC. Natural gas, produces in Appalachian & Gulf Coast regions.  
*Rex American*, REX. Biofuels, with subsidiaries is a major U.S. ethanol producer.  
*Southwestern Energy*, SWN. Natural gas, U.S. producer, also midstream services.

**Conversion & Storage - 24% Sector weight (9 stocks @2.66% each)**

*Albermarle*, ALB. Lithium & Lithium Compounds; for energy storage, transportation.  
*Altra Holdings*, AIMC. Mechanical power transmission, electromechanical conversion.  
*Chart Industries*, GTLS. Natural gas, LNG; liquefied gas storage/transport, efficiency.  
*Covanta Holding*, CVA. Incineration, converts waste to energy (WtE); conglomerate.  
*EnerSys*, ENS. Battery maker, for telecommunications, utilities, motive power.  
*FMC*, FMC. Lithium producer for carbonate, metal, expanding hydroxide capacity.  
*Golar LNG*, GLNG. LNG, major independent carrier, gas transport, regasification.  
*MasTec*, MTZ. Engineering & construction, distribution of electricity, natural gas.  
*Wabco*, WBC. Mechatronics, better vehicle mechanical/energy/braking controllers.

**Better Efficiency - 18% Sector Weight (7 stocks @2.57% each)**

*Acuity Brands*, AYI. LED lights, OLEDs, and controls for indoor & outdoor lighting.  
*A.O. Smith*, AOS. Energy efficiency, innovations for water heating & monitoring.  
*Apogee*, APOG. Advanced glass, for better efficiency, green building designs.  
*Emerson Electric*, EMR. Broad work in energy efficiency, storage, lately biofuels.  
*Esco Technologies*, ESE. Power grid, advances 2-way metering & communications.  
*Regal Beloit*, RBC. Energy efficient motors, in commercial, industrial, homes etc.  
*Woodward*, WWD. Energy controllers, optimization, industrial turbines in generation.

**Emission Reduction - 12% Sector Weight (4 stocks @2.62% each +3 \*banded)**

\**CECO Environmental*, CECE. End-of-pipe emissions controls and pollution reduction.  
*Corning*, GLW. Diverse, activity includes emissions reduction, filters, and catalysts.  
\**Kandi Technologies*, KNDI. Developing small gasoline and urban electric vehicles.  
\**Luxfer Holdings PLC*, LXFR. Advanced material, reduced emissions, gaseous storage.  
*McDermott*, MDR. Natural Gas; fewer emissions/CO2 vs. coal; EPCI in LNG facilities.  
*Tata Motors*, TTM. Smaller & 'nano' vehicles, India-based with worldwide sales.  
*Tenneco*, TEN. Automotive end-of-pipe emissions controls, catalytic converters.

**New Energy Activity - 12% Sector weight (4 stocks @2.87% each +1 \*banded stock).**

*Eaton*, ETN. Hybrids, better electric and fluid power in truck & auto applications.  
\**Hudson*, HDSN. Refrigerant HFCs reclamation; reduces potent greenhouse gases.  
*Heritage Crystal Clean*, HCCI. Oil re-refining, modern waste reuse and recycling.

*Lydall*, LDL. Thermal and filtration separation; innovative energy efficiency.  
*Owens Corning*, OC. Materials lightening, building insulation composite materials.

**Utility - 10% Sector weight (4 stocks @2.50% each)**

*Avangrid*, AGR. Electricity & Natural Gas, generation, storage, distribution.  
*Companhia Energetica de Minas Cemig*, CIG. Brazil Utility, large hydroelectric.  
*Hannon Armstrong*, HASI. Energy efficiency, capital & finance for infrastructure.  
*NRG Yield*, NYLD. Contracted power generation and thermal, also some renewables.