# <u>Sectors & Stock Weightings: WilderHill Progressive Energy Index (WHPRO)</u> for start of Q4 2016. 41 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 - 23% Sector Weight (8 stocks @2.87% each)

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 Renewable Energy, GPRE. Biofuel, ethanol; domestic corn feedstock. Methanex, MEOH. Methanol, liquid fuel may be derived from fossil fuels or organics. Range Resources, RRC. Natural gas, produces in Appalachian & Gulf Coast regions. Southwestern Energy, SWN. Natural gas, U.S. producer, also midstream services.

### Better Efficiency - 22% Sector Weight (8 stocks @2.75% 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.
General Cable, BGC. Power grid, high voltage transmission cable and wire products
Regal Beloit, RBC. Energy efficient motors, in commercial, industrial, homes etc.
Woodward, WWD. Energy controllers, optimization, industrial turbines in generation.

#### Conversion & Storage - 24% Sector weight (10 stocks @2.40% 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. Chicago Bridge & Iron, CBI. Engineering, natural gas, next-gen nuclear designs. 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.

# Emission Reduction - 13% Sector Weight (4 stocks @2.87% 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. Infrastructure, reduces coal emissions, constructs WtE 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 - 8% Sector weight (3 stocks @2.50% each +1 \*banded stock). Eaton, ETN. Hybrids, better electric and fluid power in truck & auto applications. \*Heritage Crystal Clean, HCCI. Oil re-refining, modern waste reuse and recycling. Owens Corning, OC. Materials lightening, building insulation composite materials.

Veeco Instruments, VECO. Design, manufactures equipment for LED production.

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

Calpine, CPN. Natural Gas & Geothermal, North America, lower-carbon assets 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.