

Company Name	Description	Domicile	Weight	NEX Sector	Currency
NIO INC - ADR	EVs, design, manufacture, and sale including SUVs	CHINA	1.73%	EEF	USD
OSRAM Licht AG	Lighting manufacturer, also automotive, semiconductors.	GERMANY	1.73%	EEF	EUR
Kingspan Group PLC	Buildings, innovative insulation for conservation, Ireland.	IRELAND	1.73%	EEF	EUR
Signify NV	Lighting, connected systems increasing efficiency, Netherl	NETHERLANDS	1.73%	EEF	EUR
Seoul Semiconductor Co Ltd	Lighting, automotive, LEDs, South Korea	SOUTH KOREA	1.73%	EEF	KRW
Nibe Industrier AB	Heating & cooling, also in diverse sustainable technologie	SWEDEN	1.73%	EEF	SEK
Landis+Gyr Group AG	Advanced meters, modernizing grid, Switzerland.	SWITZERLAND	1.73%	EEF	CHF
Epistar Corp	LEDs, large LED manufacturer in Taiwan, much IP.	TAIWAN	1.73%	EEF	TWD
Acuity Brands Inc	LEDs, OLEDs, controls for indoor & outdoor lighting.	UNITED STATES	1.73%	EEF	USD
Cree Inc	LED manufacturer power-saving lumens, efficient lighting	UNITED STATES	1.73%	EEF	USD
Hannon Armstrong Sustainable Infrastructure Capital Inc	Energy efficiency, capital & finance for infrastructure.	UNITED STATES	1.73%	EEF	USD
Itron Inc	Meters, Utility energy monitoring, measuring & managem	UNITED STATES	1.73%	EEF	USD
Tesla Inc	Electric vehicles, solar; in EVs & energy storage.	UNITED STATES	1.73%	EEF	USD
Universal Display Corp	Organic light emitting diodes, efficient displays.	UNITED STATES	1.73%	EEF	USD
Sociedad Quimica y Minera de Chile SA	Lithium, produces a key element in advanced batteries, C	CHILE	1.64%	ENS	USD
BYD Co Ltd	Batteries, potential use in EVs, rail, solar farms, forklights	CHINA	1.64%	ENS	HKD
GS Yuasa Corp	Battery technologies, also includes Lithium for EVs, Japai	JAPAN	1.64%	ENS	JPY
Samsung SDI Co Ltd	Batteries, innovative energy storage, EVs, South Korea	SOUTH KOREA	1.64%	ENS	KRW
Greencoat UK Wind PLC/Funds	Infrastructure fund, invested in U.K. wind power assets.	BRITAIN	1.45%	RWD	GBp
Boralx Inc	Renewables generation, develops, operates wind, hydro,	CANADA	1.45%	RWD	CAD
TransAlta Renewables Inc	Renewables, operating facilities in wind power, some hyd	CANADA	1.45%	RWD	CAD
China Longyuan Power Group Corp Ltd	Wind, also in solar, biomass, geothermal, tidal.	CHINA	1.45%	RWD	HKD
Huaneng Renewables Corp Ltd	Large power plants, R&D into better efficiency upstream.	CHINA	1.45%	RWD	HKD
Xinjiang Goldwind Science & Technology Co Ltd	Wind, large turbine manufacturer, China.	CHINA	1.45%	RWD	HKD
Orsted A/S	Sustainable wind, biomass, largest energy company in D	DENMARK	1.45%	RWD	DKK
Vestas Wind Systems A/S	Wind, major pioneer wind turbine manufacturer, Denmark	DENMARK	1.45%	RWD	DKK
Nordex SE	Wind turbines, based in Germany/Europe and sells world	GERMANY	1.45%	RWD	EUR
Renewables Infrastructure Group Ltd/The	Wind Farm & Solar Park revenues assets, U.K.	GUERNSEY	1.45%	RWD	GBp
China High Speed Transmission Equipment Group Co Lt	Wind power, turbine gear boxes & transmissions.	HONG KONG	1.45%	RWD	HKD
Siemens Gamesa Renewable Energy SA	Wind, onshore & offshore, turbines and gearboxes, Spain	SPAIN	1.45%	RWD	EUR
Clearway Energy Inc	Contracted power generation, thermal, some renewables	UNITED STATES	1.45%	RWD	USD
Pattern Energy Group Inc	Wind farms, solar may be added for GW sized PPAs.	UNITED STATES	1.45%	RWD	USD
TPI Composites Inc	Wind Blades; also light-weighting for transportation.	UNITED STATES	1.45%	RWD	USD
Canadian Solar Inc	Solar, vertically integrated solar manufacturer, China.	CANADA	1.20%	RSR	USD
Xinyi Solar Holdings Ltd	Clear solar glass products, solar farms, EPC, China.	CHINA	1.20%	RSR	HKD
SMA Solar Technology AG	Inverters for solar, industrial scale and storage technologi	GERMANY	1.20%	RSR	EUR
GCL-Poly Energy Holdings Ltd	Solar, polysilicon for upstream PV manufacturing.	HONG KONG	1.20%	RSR	HKD
SolarEdge Technologies Inc	Inverters, panel-level solar optimizers, micro-inverters.	ISRAEL	1.20%	RSR	USD
GCP Infrastructure Investments Ltd	Trust invests in renewables, based in Jersey U.K.	JERSEY	1.20%	RSR	GBp
Atlantica Yield plc	Yieldco, Contracted renewables assets, also transmissior	SPAIN	1.20%	RSR	USD
Sino-American Silicon Products Inc	Solar, semi-conductor silicon wafer materials, Taiwan.	TAIWAN	1.20%	RSR	TWD
BCPG PCL	Solar and other renewable energy.	THAILAND	1.20%	RSR	THB
First Solar Inc	Thin film solar. CdTe as a low-cost alternate to polysilicon	UNITED STATES	1.20%	RSR	USD
SunPower Corp	Solar, efficient PV panels have all-rear-contact cells.	UNITED STATES	1.20%	RSR	USD
Sunrun Inc	Residential solar, leasing, PPA or purchase rooftop PV.	UNITED STATES	1.20%	RSR	USD
TerraForm Power Inc	Owns and runs solar/wind, in developed nations, yieldco.	UNITED STATES	1.20%	RSR	USD
Drax Group PLC	Electric power company, biomass wood pellet thermal, U.	BRITAIN	1.14%	RBB	GBp
Novozymes A/S	Biofuels, enzymes used in partnerships, Denmark.	DENMARK	1.14%	RBB	DKK
Takuma Co Ltd	Thermal Plants, uses biomass, palm, corn, wood wastes.	JAPAN	1.14%	RBB	JPY
Energy Absolute PCL	Alternative energy power producer, biodiesel, Thailand.	THAILAND	1.14%	RBB	THB
Green Plains Inc	Biofuel, ethanol; using U.S. domestic feedstock.	UNITED STATES	1.14%	RBB	USD
Renewable Energy Group Inc	Biodiesel, natural fats, oils, grease to biofuels.	UNITED STATES	1.14%	RBB	USD
Bloom Energy Corp	Stationary fuel cells, distributed, but not-renewable energ	UNITED STATES	0.77%	ECV	USD
Meridian Energy Ltd	Operates hydroelectric power stations, some wind	NEW ZEALAND	0.75%	ROH	NZD
Verbund AG	Electricity supplier, hydro, a large provider for Austria.	AUSTRIA	0.75%	ROH	EUR
Innergex Renewable Energy Inc	Renewable power, in run-of-river hydroelectric, wind, sola	CANADA	0.75%	ROH	CAD
Contact Energy Ltd	Electric Utility, offers power from geothermal and hydro.	NEW ZEALAND	0.75%	ROH	NZD
Mercury NZ Ltd	Clean power provider, 100% renewables hydro, geotherm	NEW ZEALAND	0.75%	ROH	NZD
Ormat Technologies Inc	Geothermal, works too in recovered heat energy.	UNITED STATES	0.75%	ROH	USD
Ricardo PLC	Global Engineering, energy, environment, transportation.	BRITAIN	0.49%	EEF	GBp
Kandi Technologies Group Inc	EVs, developing small gasoline and electric urban vehicle	CHINA	0.49%	EEF	USD
Caverion OYJ	Energy efficiency, buildings, industrial infrastructure, Eurc	FINLAND	0.49%	EEF	EUR
Wasion Holdings Ltd	Metering, integrated smart energy management, China.	HONG KONG	0.49%	EEF	HKD
EF-ON INC	Energy services, energy conservation, biomass, Japan	JAPAN	0.49%	EEF	JPY
Meidensha Corp	Energy management, power generation & transmission.	JAPAN	0.49%	EEF	JPY
Credit Suisse Real Estate Fund Green Property	Sustainability in buildings, real estate.	SWITZERLAND	0.49%	EEF	CHF
Everlight Electronics Co Ltd	LEDs, large manufacturer in optoelectronics, Taiwan.	TAIWAN	0.49%	EEF	TWD
Lextar Electronics Corp	LEDs and efficient lighting.	TAIWAN	0.49%	EEF	TWD
Ameresco Inc	Energy savings, performance contracts, also in renewabl	UNITED STATES	0.49%	EEF	USD
Veeco Instruments Inc	Thin film equipment, for LEDs, energy efficient electronic	UNITED STATES	0.49%	EEF	USD

Willdan Group Inc	Energy efficiency in infrastructure, engineering.	UNITED STATES	0.49%	EEF	USD
Voltabox AG	Lithium-ion batteries, energy storage.	GERMANY	0.47%	ENS	EUR
FDG Electric Vehicles Ltd	EV manufacturer including cars, buses, batteries, China.	HONG KONG	0.47%	ENS	HKD
Tanaka Chemical Corp	Battery technologies, positive electrode materials.	JAPAN	0.47%	ENS	JPY
W-Scope Corp	Lithium-ion batteries, advanced separator membranes	JAPAN	0.47%	ENS	JPY
Ecopro Co Ltd	Battery materials, Pollution Controls, CO catalyst.	SOUTH KOREA	0.47%	ENS	KRW
Maxwell Technologies Inc	Ultracapacitors, an alternative to batteries as in hybrids.	UNITED STATES	0.47%	ENS	USD
PNE AG	Wind, both onshore and offshore globally.	GERMANY	0.41%	RWD	EUR
Senvion SA	Wind sector engineering services.	GERMANY	0.41%	RWD	EUR
Falck Renewables SpA	Renewables wind, biomass, solar, waste-to-energy.	ITALY	0.41%	RWD	EUR
RENOVA Inc	Solar, Biomass, Wind, Geothermal in Asia.	JAPAN	0.41%	RWD	JPY
CS Wind Corp	Wind towers onshore, also offshore.	SOUTH KOREA	0.41%	RWD	KRW
Unison Co Ltd/South Korea	Wind power generation, wind parks.	SOUTH KOREA	0.41%	RWD	KRW
Audax Renovables SA	Wind power, mainly, in Europe and Americas.	SPAIN	0.41%	RWD	EUR
EDP Renovaveis SA	Wind power, among largest producers in world, Spain.	SPAIN	0.41%	RWD	EUR
Gurit Holding AG	Composite Materials in wind, lightens cars, planes.	SWITZERLAND	0.41%	RWD	CHF
NEOEN SA	Renewable energy mainly solar, some wind	FRANCE	0.34%	RSR	EUR
Daqo New Energy Corp	Solar, high-purity polysilicon for producing solar wafers, C	CHINA	0.34%	RSR	USD
JinkoSolar Holding Co Ltd	Solar, wafers through solar modules, China-based OEM.	CHINA	0.34%	RSR	USD
Encavis AG	Solar, large solar park operator, also wind, Germany.	GERMANY	0.34%	RSR	EUR
West Holdings Corp	Solar, Japan-focused residential and commercial PV.	JAPAN	0.34%	RSR	JPY
Scatec Solar ASA	Solar power parks worldwide.	NORWAY	0.34%	RSR	NOK
Meyer Burger Technology AG	Solar, manufacturing equipment, Switzerland and worldw	SWITZERLAND	0.34%	RSR	CHF
Gigasolar Materials Corp	Solar, conductive pastes in PV panel manufacturing.	TAIWAN	0.34%	RSR	TWD
Motech Industries Inc	Solar, large producer of cells, modules, Taiwan.	TAIWAN	0.34%	RSR	TWD
Neo Solar Power Corp	Solar, aiming to be vertically-integrated, Taiwan.	TAIWAN	0.34%	RSR	TWD
SPCG PCL	Solar, rooftops and solar farms, Thailand and Asia.	THAILAND	0.34%	RSR	THB
Super Energy Corp PCL	Solar, wind, and waste to energy, Thailand.	THAILAND	0.34%	RSR	THB
Enphase Energy Inc	Inverters, micro-products for each solar panel, storage.	UNITED STATES	0.34%	RSR	USD
REC Silicon ASA	Silicon, large solar-grade silicon producer, Norway-based	UNITED STATES	0.34%	RSR	NOK
Vivint Solar Inc	Solar, one-stop installer of panels on homes in much of U	UNITED STATES	0.34%	RSR	USD
Albioma SA	Biomass, sugarcane, hybrid combustion and cogeneration	FRANCE	0.33%	RBB	EUR
CropEnergies AG	Bioethanol, from cereals and sugarbeet, Germany.	GERMANY	0.33%	RBB	EUR
VERBIO Vereinigte BioEnergie AG	Biofuels, manufacturer and supplier to Germany and Eurc	GERMANY	0.33%	RBB	EUR
Canvest Environmental Protection Group Co Ltd	Waste to Energy, China-focused.	HONG KONG	0.33%	RBB	HKD
eRex Co Ltd	Power generation, for businesses and residential, biomas	JAPAN	0.33%	RBB	JPY
Ballard Power Systems Inc	Mid-size fuel cells; R&D, PEM FCs as in transportation.	CANADA	0.22%	ECV	CAD
NEL ASA	Hydrogen, envisions powering fuel cell vehicles renewabl	NORWAY	0.22%	ECV	NOK
Plug Power Inc	Small fuel cells, e.g. in forklifts; drop in replacements.	UNITED STATES	0.22%	ECV	USD

ADDITIONS

Bloom Energy Corp		UNITED STATES		ECV	
Meridian Energy Ltd		NEW ZEALAND		ROH	
NEOEN SA		FRANCE		RSR	
NIO INC - ADR		CHINA		EEF	

DELETIONS

Panda Green Energy Group Ltd		HONG KONG		RSR	
China Power Clean Energy Development Co Ltd		HONG KONG		RWD	
LSI Industries Inc		UNITED STATES		EEF	
China Singyes Solar Technologies Holdings Ltd		HONG KONG		RSR	