

<u>Name</u>	<u>Description</u>	<u>Sector</u>	<u>Curr.</u>	<u>Activity</u>
Acciona	Operates Wind, Solar/Thermal, Hydro, Biomass plants.	RWD	EUR	SPAIN
Albioma SA	Biomass, sugarcane, hybrid combustion, cogeneration.	RBB	EUR	FRANCE
Ameresco	Energy savings, performance contracts, in renewables.	EEF	USD	US
Arcosa	Wind Towers, structures for electricity transmission.	RWD	USD	US
Azure Power Global	Solar, India; aims to offer lowest-cost electricity.	RSR	USD	INDIA
Ballard Power Systems	Fuel cells; R&D, used in transportation and more.	ECV	CAD	CANADA
Bloom Energy	Stationary fuel cells, distributed but non-renewable.	ECV	USD	US
Boralex	Renewables generation, operates wind, hydro, solar.	RWD	CAD	CANADA
BYD Co.	Batteries, potential use in EVs, rail, solar farms, more.	ENS	HKD	CHINA
Canadian Solar	Solar, vertically integrated solar manufacturer, China.	RSR	USD	CANADA
Caverion OYJ	Energy efficiency, buildings, infrastructure, Europe.	EEF	EUR	FINLAND
Ceres Power	Fuel cells, high temperature steel units.	ECV	GBP	BRITAIN
Cree Inc.	LED manufacturer power-saving, efficient lighting.	EEF	USD	US
CropEnergies AG	Bioethanol, from cereals and sugarbeet, Germany.	RBB	EUR	GERMANY
Credit Suisse Real E. Grn.	Sustainability in buildings, real estate.	EEF	CHF	SWITZER.
CS Wind	Wind power, both onshore, also offshore.	RWD	KRW	S. KOREA
Daqo New Energy	Solar, high-purity polysilicon for solar wafers, China.	RSR	USD	CHINA
EcoPro	Battery materials, Pollution Control catalysts, S. Korea.	ENS	KRW	S. KOREA
EDP Renovaveis SA	Wind power, among largest producers in world, Iberia.	RWD	EUR	SPAIN
Encavis AG	Solar, large solar park operator, also wind, Germany.	RSR	EUR	GERMANY
Enphase	Inverters, micro-products for solar panels, storage.	RSR	USD	US
Eolus Vind	Wind power, also consulting services for wind.	RWD	SEK	SWEDEN
eRex Co. ltd.	Power generation, bus./ residential, biomass, Japan.	RBB	JPY	JAPAN
Everlight Electronics	LEDs, large manufacturer in optoelectronics, Taiwan.	EEF	TWD	TAIWAN
Falck Renewables SpA	Renewable wind, biomass, WtE, solar, Europe.	RWD	EUR	ITALY
First Solar	Thin film solar, CdTe low-cost alternate to polysilicon.	RSR	USD	US
FuelCell Energy	Fuel cells, high temperature and hydrogen.	ECV	USD	US
Greencoat UK Wind plc	Infrastructure fund, invested in U.K. wind power assets.	RWD	GBP	BRITAIN
GS Yuasa	Battery technologies, also Lithium for EVs, Japan.	ENS	JPY	JAPAN
Gurit Holding AG	Composite Materials in wind, lightens cars, planes.	RWD	CHF	SWITZER.
Hannon Armstrong	Energy efficiency, capital & finance for infrastructure.	EEF	USD	US
Innergex Renewable	Renewable power, run-of-river hydro, wind, solar.	ROH	CAD	CANADA

ITM Power plc	Fuel cells, uses PEM technology; also hydrogen.	ECV	GBP	BRITAIN
Itron	Meters, Utility energy monitor, measuring & manage.	EEF	USD	US
JinkoSolar	Solar, wafers through solar modules, China OEM.	RSR	USD	CHINA
Kingspan Group plc	Efficient Buildings, insulation for conservation, Ireland.	EEF	EUR	IRELAND
Landis+Gyr Group AG	Advanced meters, modernizing grid, Switzerland.	EEF	CHF	SWITZER.
Lithium Americas	Lithium, projects in Nevada USA, and Argentina.	ENS	USD	US
Maxeon Solar	Solar panel manufacturer, a spinoff from Sunpower.	RSR	USD	US
McPhy Energy	Hydrogen, electrolyzers using water, H2 storage.	ECV	EUR	FRANCE
Mercury NZ	Clean power, 100% renewable hydro, geothermal.	ROH	NZD	NEW ZEAL.
Meridian Energy	Hydroelectric power stations, some wind, New Zealand.	ROH	NZD	NEW ZEAL.
Nel ASA	Hydrogen, fuel cell vehicles, renewably, Norway.	ECV	NOK	NORWAY
Neoen SA	Renewable energy mainly solar, some wind.	RSR	EUR	FRANCE
Nibe Industrier AB	Heating & cooling, sustainable technologies, Sweden.	EEF	SEK	SWEDEN
Nio	EVs, design, manufacture, and sale including SUVs	ENS	USD	CHINA
Nordex SE	Wind turbines, based in Germany/Europe, worldwide.	RWD	EUR	GERMANY
Novozymes A/S	Biofuels, enzymes used in partnerships, Denmark.	RBB	DKK	DENMARK
Ormat	Geothermal, works too in recovered heat energy.	ROH	USD	US
Orsted A/S	Sustainable wind, also biomass, thermal, Denmark.	RWD	DKK	DENMARK
Plug Power	Small fuel cells, e.g. in forklifts; drop in replacements.	ECV	USD	US
PNE AG	Wind Farms, both onshore & offshore; also hydrogen.	RWD	EUR	GERMANY
Powercell Sweden	Fuel cells, transportation, marine, stationary uses.	ECV	SEK	SWEDEN
Prysmian SpA	Cables, renewable power transmission, global.	EEF	EUR	ITALY
Renewable Energy Group	Biodiesel, natural fats, oils, grease to biofuels.	RBB	USD	US
Renewables Infrastructure	Wind Farm & Solar Park revenues assets, U.K.	RWD	GBP	BRITAIN
Renova	Wind, Solar, Biomass, power generation in Asia.	RWD	JPY	JAPAN
Samsung SDI	Batteries, innovative energy storage, EVs, South Korea.	ENS	KRW	S. KOREA
Scatec Solar ASA	Solar power parks worldwide.	RSR	NOK	NORWAY
Siemens Gamesa	Wind, onshore & offshore, turbines, gearboxes, Spain	RWD	EUR	SPAIN
Signify NV	Lighting, systems increasing efficiency, Netherlands.	EEF	EUR	NETHERL.
Sino-American Silicon	Solar, semi-conductor silicon wafer materials, Taiwan.	RSR	TWD	TAIWAN
SMA Solar Technologies	Inverters for solar, industrial scale storage, Germany.	RSR	EUR	GERMANY
Sociedad Quimica Chile	Lithium, a key element in advanced batteries, Chile.	ENS	USD	US
Solaria Energia	Solar, renewable power generation, Iberia.	RSR	EUR	SPAIN

SolarEdge	Inverters, panel-level solar optimizers, micro-inverters.	RSR	USD	US
Sunnova	Residential solar and energy storage installation.	RSR	USD	US
SunPower	Solar, efficient PV panels with rear-contact cells.	RSR	USD	US
Sunrun	Residential solar, leasing, PPA or purchase rooftop PV.	RSR	USD	US
Terna SpA	Transmission of electricity, increasingly is renewables.	EEF	EUR	ITALY
Tilt Renewables	Wind Farms, Australia and New Zealand, some solar.	RWD	NZD	NEW ZEAL.
TPI Composites	Wind Blades; also light-weighting for transportation.	RWD	USD	US
TransAlta Renewables	Renewables, operating wind power, some hydro.	RWD	CAD	CANADA
Universal Display	Organic light emitting diodes, efficient displays.	EEF	USD	US
Veeco instruments	Thin film equipment LEDs, energy efficient electronics.	EEF	USD	US
Verbio Vereinigte BioEn.	Biofuels, manufacturer supplier to Germany, Europe.	RBB	EUR	GERMANY
Verbund AG	Electricity supplier, hydro, a large provider for Austria.	ROH	EUR	AUSTRIA
Vestas Wind Systems A/S	Wind, wind turbine manufacturing & services, Denmark.	RWD	DKK	DENMARK
West Holdings	Solar, Japan-focused residential and commercial PV.	RSR	JPY	JAPAN
Willdan Group	Energy efficiency in infrastructure, engineering.	EEF	USD	US
Xebec Adsorption	Gases for new renewable energies, hydrogen.	EEF	CAD	CANADA
Xinjiang Goldwind	Wind, large turbine manufacturer, China.	RWD	HKD	CHINA
Xinyi Energy Holdings	Solar Farms, a spin-off from Xinyi solar glass, China.	RSR	RSR	CHINA
Xinyi Solar Holdings	Solar, ultra-clear glass products, China.	RSR	HKD	CHINA
Xpeng Motors	Electric Vehicles, internet and autonomous features.	ENS	USD	CHINA

12 NEX Deletions: Atlantica, Audax, Canvest, Contact, Epistar, GCP., Lextar, Meidensha, Northland, Ricardo, Tesla, Vivint.

10 NEX Additions: Azure, Ceres, FuelCell, ITM Power, Lithium Americas, Maxeon, McPhy Energy, PNE AG, Prysmian, Xpeng.

WEIGHT EACH COMPONENT

85 stocks/100 = Individua

1.17647059

####

85 Stocks for Start of Q4 2020.

NEX SECTOR WEIGHTS f SECTOR

QUAN¹ % Approx. Weight

Energy Conversion ECV
Energy Efficiency EEF

9 11%
17 20%

Energy Storage	ENS	8	9%
Renewables - Biofuels & IRBB	IRBB	6	7%
Renewables - Other	ROH	5	6%
Renewable - Solar	RSR	20	24%
Renewable - Wind	RWD	20	24%
		<hr/>	
		85	100%