

Glossary

AIX	Astana International Exchange, a stock exchange for investment in Kazakhstan and Central Asia, established under Astana International Financial Centre. AIX's mission is to develop sound and liquid capital markets in Central Asia and beyond by offering innovative products and services to businesses and investors.
Association «ECOJER»	Kazakhstan Association of Regional Environmental Initiatives 'ECOJER'.
CAPEX	Capital expenditure.
CDP	Carbon Disclosure Project.
CCS	Carbon capture and storage.
EBITDA	Earnings before interest, taxes, depreciation and amortization.
EPC	Engineering, Procurement and Construction.
FCA	Free career.
FCF	Free Cash Flow.
HSE	Health, Safety and Environment.
IEA	The International Energy Agency.
IFC	The International Finance Corporation.
I-REC	International Renewable Energy Certificate.
LTIFR	Lost Time Injury Frequency Rate.
MASDAR	An Emirati state-owned renewable energy company.
NAV	Net Assets Value.
PPA	Power Purchase Agreement.
PESTEL	A framework or tool used by marketers to analyze and monitor the macro-environmental (external marketing environment) factors that have an impact on an organization, company, or industry. It examines the Political, Economic, Social, Technological, Environmental, and Legal factors in the external environment.
ROACE	Return on Average Capital Employed.

SCADA	Supervisory Control And Data Acquisition.
SLB	Sustainability Linked Bonds.
SRA	Slot reservation agreement.
Samruk-Kazyna Sovereign Wealth Fund	A Kazakh investment holding company founded in 2008 to promote Kazakhstan's national welfare and modernise the national economy. The Government of Kazakhstan is the sole shareholder of the company.
ADCS	Automated dispatch control system designed to monitor and control the operation of the equipment.
ASCEA	The Automated System of Commercial Electric power Accounting.
Electricity balance of a grid	A system of indicators to show the match between electricity consumption in the grid, auxiliary consumption, and losses in networks against electricity supply, taking into account power flows.
Benchmarking	A process to identify, understand, and adapt current good practices to improve organization's performance. Analysis involves two processes: evaluation and comparison. Usually the best products and marketing process used by direct competitors and firms in other similar fields are taken as a baseline to see how the organisation can improve its products and practices.
RES	Renewable energy sources where relatively constant or cyclical energy flows derived from natural sources are replenished at a rate that exceeds the rate of consumption. RES include solar (SPP), wind power plants (WPP), small hydropower plants, and biogas plants.
The World Bank	An international financial institution established to provide financial and technical assistance to developing countries.
WPP	A wind farm with one or more wind turbines assembled in one or more locations and interconnected into a grid. Large wind farms can have 100+ wind turbines. WPPs are sometimes called wind parks.
GTU	Gas turbine unit.
GRES	A state district power plant/condensing power plant, a thermal power plant producing mainly electricity using local energy resources (peat, lignite, etc.) and supplying power primarily to a specific district.
HPP	A hydroelectric power plant that uses the movement of water in watercourses and tidal movements as a source of energy.
Monetary environment/monetary policy (MP)	A public policy, a set of measures aimed at managing aggregate demand through money market (short-term interest rate, nominal exchange rate or current liquidity level of the banking sector) to achieve a combination of ultimate objectives, which may include price stability, stable exchange rate, financial stability, and boosting balanced economic growth.
EDB	Eurasian Development Bank, a multilateral development bank with a charter capital of \$7 billion and the mission to promote economic growth in its member states, expand their trade and other economic ties and foster Eurasian integration through investment.
EBRD	European Bank for Reconstruction and Development.

UES of the Republic of Kazakhstan	Unified Electric Power System of the Republic of Kazakhstan. a set of electric stations. power transmission lines and substations. providing reliable and high-quality energy supply to consumers of the Republic of Kazakhstan.
KASE	Kazakhstan Stock Exchange.
AIFC	The Astana International Financial Centre, a financial hub in Astana, Kazakhstan.
R&D	Research and development.
Available capacity	Installed capacity of the generating unit (power plant) minus its capacity limitations.
ROI	Return on investment.
Capacity market	A market where capacity is a special commodity. When purchasing it, a wholesale market player is entitled to demand from capacity sellers to keep generating equipment ready to generate electricity.
POS	Power output system.
OHSMS	The occupational health and safety management system of the organisation, which ensures the safety and health of all employees and prevents occupational accidents and diseases at work.
SPP	A solar power plant that converts solar radiation into electrical energy. The ways in which solar energy is converted vary and depend on the design of the power plant.
Feasibility study	A paper that provides information on the feasibility/non-feasibility of a product or service, as well as a cost-benefit analysis of the project.
Installed capacity	The total nominal electrical power of the electric machines of the same type. The term is used to estimate the generated or consumed capacity of electricity systems, both of individual organisations and enterprises, and of industries and geographical regions as a whole. The nominal capacity can be either the rated active power expressed in watts, or the rated apparent power expressed in volt-amperes. In the energy sector, the installed capacity of an electrical installation is also referred to as the highest active electrical power at which the installation can operate continuously without overload, as specified in the technical specifications of the equipment.
CFT	Cyclic-flow technology of coal mining and transportation in which the organization of production is carried out in a single technological flow of a mining enterprise, some processes are carried out in a cyclic manner. others are in continuous modes.