

# SECTION I DEFINITIONS

In this report, unless the context otherwise requires, the following terms and expressions have the following meanings:

4G	4th generation mobile communication technology
5G	5th generation mobile communication technology
5G-A	5G-Advanced, i.e., evolved technology of 5th generation mobile communication
AIDC	Artificial Intelligence Datacentre
ARPU	Monthly average revenue per user
Artificial Intelligence/AI	Technology science that researches and develops theories, methodologies, technologies and application systems for simulating, extending and expanding human intelligence
A Share(s)	Shares of the Company issued in mainland China, listed on domestic stock exchanges and subscribed and traded in RMB
Big Data	Massive, real-time and diversified data information that can be recorded, collected, developed and utilised, and big data-based mining and processing technology
Board/Board of Directors	The board of directors of the Company
CHBG	Customer, Home, Business, Government
China Telecom/the Company	China Telecom Corporation Limited (中國電信股份有限公司), a joint stock limited company incorporated in the People's Republic of China with limited liability, or where the context so requires, refers to China Telecom Corporation Limited and its subsidiaries
China Telecom Digital Intelligence Technology	China Telecom Digital Intelligence Technology Co., Ltd. (中電信數智科技有限公司)
China Telecom Finance	China Telecom Group Finance Co., Ltd. (中國電信集團財務有限公司)
China Telecom Global	China Telecom Global Limited (中國電信國際有限公司)
China Telecommunications	China Telecommunications Corporation (中國電信集團有限公司), formerly known as China Telecommunications Corporation (中國電信集團公司), the controlling shareholder of the Company
China Tower	China Tower Corporation Limited (中國鐵塔股份有限公司)
Cloud/Cloud Computing	An Internet technology that provides flexible and on-demand services to external users through the Internet with pooled cluster computing capabilities
Computing Power	The ability of computer equipment or computing/data centres for processing information, i.e., the ability of computer hardware and software to cooperate to perform certain computing needs
EFLOPS	FLOPS, Floating-Point Operations Per Second, which is commonly used to estimate computer performance; "E" stands for "Exa" and means $10^{18}$ ; therefore EFLOPS implies $10^{18}$ times of floating-point operations per second

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FTTR	Fiber to The Room
The Group	The Company and its subsidiaries
Guangdong Rising	Guangdong Rising Holdings Group Co., Ltd. (廣東省廣晟控股集團有限公司), formerly known as Guangdong Rising Assets Management Co., Ltd. (廣東省廣晟資產經營有限公司)
H Share(s)	Shares of the Company that are registered in mainland China, issued outside mainland China, listed on the Stock Exchange and subscribed and traded in Hong Kong dollars
IFRS Accounting Standards	IFRS Accounting Standards, amendments and interpretations issued from time to time by the International Accounting Standards Board
Internet of Things/IoT	Various sensory devices that are based on computer and communication technology, using cellular mobile network, wired network, wireless network, etc. to complete the transmission, coordination and processing of information, so as to realise the network of communication between objects and things, and communication between objects and people
Listing Rules	The Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited
MIIT	Ministry of Industry and Information Technology
NICES	The 5-in-1 integrated solution which covers Network capabilities, Intelligence capabilities, Cloud computing capabilities, Elements capabilities and Service capabilities
PON	Passive Optical Network
QKD	Quantum Key Distribution, which refers to the remote key distribution leveraging the physical properties of quantum such as indivisibility, non-replication, and uncertainty
Quantum-encrypted Calls and Messages	The communication technology that is closely integrated with quantum information technology to achieve end-to-end voice calls and other encryption protection, and provide users with stable and reliable quantum protection secure communication services
Redcap	Lightweight 5G cellular IoT technology
RDO	Fundamental research (R), applied technological research and development (D) and operational development (O)
Reporting Period	Period from 1 January 2024 to 30 June 2024
SSE	Shanghai Stock Exchange
Stock Exchange/Hong Kong Stock Exchange/HKSE	The Stock Exchange of Hong Kong Limited