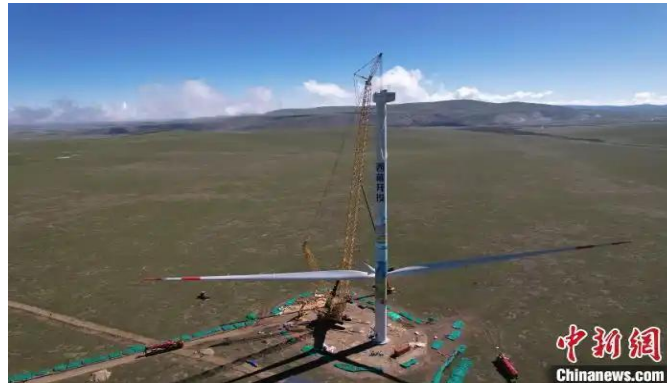


CHINA

Weekly Report 5th July-11th July, 2025



- At an altitude of 4,700 meters on the northern Tibetan Plateau, The first 5MW wind turbine of the largest wind power project is under construction in Quguogam, Senyi District in Naqu, was hoisted on July 5th, with a total investment of 1.3 billion yuan, 40 units installed of 160MWh energy storage systems. It is expected to be fully connected to the grid by the end of October 2025, reducing carbon dioxide emissions by about 359,400 tons per year.



- Construction of the southern section of S13 line in Shache, Xinjiang: Starting from July 1, the K230+500-K231+300 section will be occupied, and it is expected to be completed by the end of the month.
- Hotan grid-type energy storage power station: The Bangjin Energy 500MW/2000MWh independent energy storage project started on July 4, with a total investment of 2.1 billion yuan. It uses a lithium iron phosphate battery system. After completion, the annual output value will reach 350 million yuan, improving the peak-shaving capacity of the power grid.
- Bohai Live-fire Shooting Banned Navigation From 0:00 on July 7 to 24:00 on July 9, live-fire shooting training will be conducted in the relevant waters of Laizhou Port in Bohai Sea, and no ship is allowed to enter.
- The Yangtze River Estuary carried out synchronous hydrological surveys from July 3rd to 13th, involving 7 sections including the North and South Troughs. The operating vessel "Sutong Jiaoce 02" and other vessels need to give way to navigable ships.
- Large ship passage: The "China Shipping Hope" (325 meters long) registered in Hong Kong, China, went down the deep-water channel of the Yangtze River Estuary on July 7 and passed the D6 buoy at 16:19.
- On July 6, 2025, a high carbon ferrochrome enterprise in Inner Mongolia resumed production of a 30,000KVA submerged arc furnace, affecting the monthly output of high carbon ferrochrome by approximately 5,000 tons.
- According to the State Energy Group, on July 6, the first unit 8 of Beilun Power Plant of State Energy Group Zhejiang Company completed a 168-hour full-load trial run and was officially put into commercial operation.
- China Energy Network & China Photovoltaic (public account hxgf3060) learned that recently, the Ganzi State Ecological Environment Bureau issued a letter on temporarily not approving the "Ganzi Danbabadi Photovoltaic Power Generation Project Environmental Impact Report" and the "Ganzi Yajiang Kola Phase II Photovoltaic Power Generation Project Environmental Impact Report. According to the data, the Ganzi Danba Badi photovoltaic power generation project is located in Badi Town, Danba County, Ganzi Prefecture, Sichuan Province. The project has an installed capacity of 500MW on the AC side and 600.25MW on the DC side, with a total investment of 223,202 million yuan.
- Chinese fighter jets may use AI in the future with the advancement of scientific and technological strength, China's carrier-based aircraft will become more intelligent in the future. Sun Cong, chief designer of the J-15, said: "We want to build aircraft like mobile phones, which is equivalent to software. The platform and function are designed separately. The platform has changed, and the function is added, and it is a new thing. Now it takes about 15 to 20 years to develop an aircraft. In the future, the opponent will change. They will come up with a new thing in 5 years, and you will fall behind in 20 years.

- China's strategic push: new m503 aviation route opens and pla landing ship approaches Taiwan amid rising cross-strait tensions.



- China's first four-seat hybrid electric aircraft, the RX4M, successfully completed its maiden flight on Saturday in Shenyang, northeast China's Liaoning Province, marking a major breakthrough in the country's green aviation efforts. The RX4M has a maximum takeoff weight of 1,400 kilograms, a payload capacity of 320 kilograms, a range of 400 kilometers, and an endurance of two hours, holding promising application prospects in short-haul commuting, air tourism, and flight training.



- The China-developed world's first batch of 130-tonne ultra-heavy fully comprehensive mechanized coal mining relocation equipment has rolled off the production line. The equipment, made up of two shield haulers, including a pure-electric one, features active safety and intelligent assisted driving systems, significantly enhancing the operational safety of large equipment in confined spaces.
- Bohai live-fire shooting navigation warning takes effect The Tangshan Maritime Safety Administration issued a notice that live-fire shooting will be carried out in some waters of the Bohai Sea from 0:00 on July 10 to 24:00 on July 11, and unrelated ships are prohibited from entering.
- Domestic ro-ro ship "Hongsheng Shanghai" goes out for trial voyage in the river. The 220-meter car ro-ro ship built by China Merchants Heavy Industry left the Jiangsu wharf at 05:30 on July 10 and plans to go to the East China Sea for trial voyage via the Shanghai section of the Yangtze River, and is expected to return on July 18.
- On July 8, 2023, in Chifeng, Inner Mongolia, the World's First Green Ammonia Tank Sets Off from Vision Chifeng Zero-Carbon Hydrogen Energy Park, Launching Largest Zero-Carbon Hydrogen Ammonia Project.



- A brigade of the 82nd Army Group of the Central Theater Command organized an infantry unit to carry out a certain type of rocket launcher shooting assessment.



- China and the UAE "Falcon Shield-2024" joint air force training was held in Xinjiang which aims to enhance mutual understanding and mutual trust between the two sides, deepen exchanges and cooperation between the two air forces, enhance the level of strategic cooperation between the two militaries, and achieve the common goals and expectations of both sides.
- The Beihai Rescue Bureau of the Ministry of Transport has installed two EC175 helicopters, deployed in Penglai and Dalian bases. The aircraft has a maximum range of 1,100 kilometers, a search and rescue radius of 200 nautical miles, can hover stably in a force 10 gale, and is equipped with a 250-kilogram winch system, which greatly improves the emergency response capability in the northern waters.



- On July 3, China's first natural gas full-chain multi-condition cryogenic treatment plant was fully put into operation in Sichuan. The project filled the gap in the complete technology chain of in-depth treatment and high-value utilization of domestic natural gas. The commissioning of the project not only increased the domestic supply of one or more chemical products, it verified a path of technological autonomy and controllability, and took an important step for the subsequent large-scale development of similar unconventional gas fields in China and the construction of an independent natural gas cryogenic process system.



- On July 2, Sinopec Qingdao Refining and Chemical Floating photovoltaic project in a fully seawater environment was completed and put into operation. This is the first floating photovoltaic project in a fully seawater environment in China to realize industrial operation. It is linked with the pile-based surface photovoltaic that was put into use in the early stage, and it has become the largest surface photovoltaic power station in Sinopec. The overall project generates 16.7 million kilowatt-hours of green electricity annually.



- China is making significant strides in space technology, with dual-use advancements for both civilian and military purposes. Key developments include the BeiDou navigation system, offering enhanced precision for military applications, and large satellite constellations like Qianfan and Guowang, which could support military communications during conflict. Additionally, China's spy satellites, space planes like Shenlong, and anti-satellite technologies are positioning the country for

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- A total of six upper-level weapons elevators...
- Weapons elevators x2
- Weapons elevators x4
- Via @Ignis_Rex on X

- China is developing a new ekranoplan, a ground-effect vehicle that uses aerodynamic lift to glide just above water. Pioneered by the Soviet Union, ekranoplans combine marine and aviation technologies, enabling high-speed, runway-free transport of heavy payloads over large water bodies. China's efforts indicate renewed interest in this hybrid vehicle, potentially for strategic or logistical purposes, similar to the Soviet Lun-class.
- China's first nuclear ballistic missile submarine, the Type 092 *Xia* class, marked a key step in its sea-based nuclear deterrent. Launched in 1981, it carried 12 JL-1 missiles with a limited range of 1,770–2,500 km. Despite issues with noise and reactor reliability, it validated submarine-launched missile technology. The *Xia* class, developed under challenging conditions, laid the foundation for later platforms like the Type 094A.
- A brigade of the 83rd Group Army organized a comprehensive communication drill to further test the communication support capabilities of officers and soldiers. This drill aims at different tasks and increases the difficulty of handling special situations, allowing the troops to train hard work in close combat and further improve the level of communication support capabilities.



- A certain unit of the Eastern Theater Command Air Force has been closely following the mission and combined with dawn flight training, and has continued to carry out multiple practical subjects such as "formation flight, electronic confrontation flight" to specialize in refinement, and comprehensively temper the troops' night operation capabilities.
- China's Shenyang Aircraft Corporation is nearing completion of a new 280,000-square-meter facility in Shenyang's industrial zone. The relocation supports production of key fighter jets, including the J-15, J-16, J-35, and J-50, and marks a major upgrade in China's military aerospace capabilities.
- A recent CCTV documentary on China's J-15T carrier fighter inadvertently revealed at least four J-35 stealth fighter airframes under production. The J-35, a 5th-gen carrier jet, appears to be advancing rapidly. Analysts suggest the disclosure was deliberate, signaling China's growing confidence in its next-generation naval aviation capabilities.

- In a certain waters in the South China Sea, the Navy's Dali ship cooperated with the Honghu ship to carry out training in multiple subjects such as maritime emergency supply and ship-aircraft coordination to temper the troops' practical combat capabilities.
- A brigade of the Eastern Theater Command Air Force organized long-distance flight training.
- The Northern Theater Command Navy Engineering Machinery Operation Job Training Final Assessment and Evaluation kicked off at the 91144th Unit Exercise Training Ground.

