

Iran Installs First Home-Made 2-Megawatt Wind Turbine



TEHRAN - The project of the first home-made wind turbine design and construction implemented by Niroo Research Institute of Iran in partnership with MAPNA company has entered its final phases with the installation and erection of the main components.

"The turbine rotor installation process started on July 20 and was successfully completed as planned. Thus, after completing the installation of internal components and conducting a test run, the wind turbine with a nominal capacity of 2 megawatts will be put into operation by the end of the summer," said Abbas Bahri, the director of the project.

"Achieving indigenous know-how in the design and construction of power plant wind turbines, using key experts to guide wind energy projects and achieving the

knowhow of making a home-made product suitable for the climatic conditions of the country's wind sites are among the main goals of designing the wind turbine," he added.

In 2024, the biggest wind power station in the Eastern part of Iran has been inaugurated in Sistan and Baluchistan province with a capacity of 50 megawatts which contains twenty 2.5-MW wind turbines.

According to a report by Iran's Renewable Energy and Energy Efficiency Organization based in Tehran, in a ceremony attended by the Iranian energy minister Ali Akbar Mehrabian, the largest wind farm in the Eastern part of Iran was inaugurated. The farm was built with an investment of 56.5 million euros.

Mil Nader Wind Power Plant has a capacity of 50 MW and includes

twenty 2.5-MW Type-2 wind turbines. The construction work of the power plant started in 2020 and after carrying out construction operations, transferring the equipment to the site and installing them, it was inaugurated in the presence of the energy minister.

The station is built in an area over nearly 1000 hectares in Nimruz County in the northwest of Zabol County in Sistan and Baluchistan province.

With this power plant, more than 250 million liters of water and 30 million liters of diesel will be saved annually as a result of every 100 megawatts of renewable energy production. The turbines used in the farm are suitable for high wind speeds and are equipped to operate in high temperatures and dust storms with the implementation of the latest changes to them.

NIGC: Gas Refineries Undergoing Overhauls on Schedule

TEHRAN — The National Iranian Gas Company (NIGC) has kept all refinery and transmission network overhauls on schedule this year, despite resource and parts constraints, according to Managing Director Saeid Tavakoli.

Tavakoli called the overhaul program a "red line" for the NIGC and said there has been no delay in any planned work. He noted that the company began its annual overhaul program in March to make the most of available time, following delays in some work last year.

Given the high volume of projects, work was organized to maximize efficiency, he said.



Four refineries are currently undergoing overhauls in line with the company's final dispatching plan.

Tavakoli said that even during a recent 12-day conflict, when on-site staff was reduced under emergency protocols, overhaul work continued without post-

ponement.

He added that overlapping repair activities and reducing their duration in 2025 prevented disruptions to gas lines. In some cases, gas transmission crews accepted the risk of carrying out repairs without cutting the gas flow.

'IranPlast 2025' to Highlight Domestic Production, Exports Potential

TEHRAN — CEO of the National Petrochemical Company Hassan Abbaszadeh said on Sunday that the IranPlast exhibition serves as a platform to develop the domestic value chain, playing a key role in increasing non-oil exports through the production of finished goods.

According to the National Petrochemical Company, Abbaszadeh highlighted the significance of the 19th IranPlast International Exhibition, stating: "IranPlast is one of the country's most important specialized exhibitions in the petrochemical industry, with a policymaking approach that strengthens and empowers the downstream value chain."

He described IranPlast as a valuable opportunity to showcase the diverse capabilities of downstream industries, enhance collaboration among production chain stakeholders, transfer knowledge and expertise, and promote value-added concepts domestically. "The exhibition fosters synergy among producers, investors, and petrochemical industry players, significantly contributing to the development of domestic and international markets," he added.

Abbaszadeh emphasized that replacing raw material exports with finished products is a key goal of the exhibition. "In recent years, we have seen increased participation from downstream companies, leading to improved product quality and diversity, with many entering global markets," he noted.

When asked whether IranPlast is



merely a showcase or also serves as a policymaking driver, Abbaszadeh said: "IranPlast is one of the few specialized exhibitions in the country that goes beyond product displays, facilitating experience exchange, mutual learning, and investment. It is a real platform to demonstrate Iran's petrochemical industry's technical and production capabilities, featuring a complete supply-to-production chain with raw materials, polymer products, and specialized machinery."

He stressed the importance of industrial machinery and equipment in developing Iran's plastics and polymer industry. "Technological advancement in this sector relies heavily on advanced machinery and up-to-date technical expertise. IranPlast plays a crucial role by connecting equipment manufacturers with industrial consumers, enabling technology transfer and productivity growth."

The NPC CEO stated that Iran's polymer production capacity has reached about 9 million tonnes per

year. "Last year, about 8.5 million tonnes were utilized, with 5 million tonnes consumed domestically and 3 million tonnes exported," he said.

Abbaszadeh stressed that IranPlast is an effective platform for transitioning from raw material exports to finished goods. "Exhibiting companies learn from each other, with broad participation across raw materials, machinery, semi-finished and finished goods, and technical services. This interaction has led to real contracts and cooperation agreements during the event."

He emphasized that visitors discover new business opportunities by observing these companies' capabilities. "IranPlast is not just an exhibition—it's an opportunity for growth, learning, and forming new partnerships in the petrochemical value chain."

The 19th IranPlast International Exhibition will be held from Sept. 8–11, 2025, at the Tehran Permanent International Fairgrounds.

Isfahan's Fiber-Optic Network Tops 12,000-KM Long

ISFAHAN - Head of the Isfahan telecommunications department Asghar Farqlitian announced over 12,000 kilometers of fiber optic network has been spanned in the province and about 50,000 high-speed internet subscribers benefit from the services on this platform.

Speaking at a press conference in the Isfahan Press Complex on Sunday, Farqlitian said, all banks, organizations and large commercial places in the province are currently connected to the fiber-optic network and we plan to increase the length of the network in Isfahan to meet future demands.

He added that about 600,000 people are subscribers to the high-speed internet,



and 50,000 of whom benefit from the fiber-optic services.

He emphasized, the development of the fiber-optic network is a more reliable, sustainable and better alternative to the copper cable network, which in addition to data transmission, boosting the transmission range, reduces energy consumption.

He noted, this year, 519 projects will be implemented in Isfahan region's telecommunications, many of which will lead to the development of Internet services for industries and businesses. The more we equip the industry to use the Internet, the better the country's production will be.

Zahedan Chamber of Commerce Invites Pakistani Businessmen to Invest in Iran

ISLAMABAD — Officials from the Chamber of Commerce and Industry of Zahedan have called on Pakistani traders and companies to seize investment opportunities in the Islamic Republic of Iran, particularly in its free trade zones.

The meeting to review op-

portunities and challenges in Iran-Pakistan trade was hosted by the Quetta Chamber of Commerce and Industry in Balochistan Province and attended by a delegation from the Zahedan Chamber.

Abdolkarim Rigi, head of the Zahedan Chamber of

Commerce, accompanied by Alireza Rajaei, acting Iranian consul general in Quetta, urged industrialists and the business community of Balochistan to engage with Iranian investors in the Mirjaveh free trade zone and pursue joint ventures.

The Iranian delegation

said the government of Iran would provide all facilities and incentives to launch joint investment projects with entrepreneurs from both countries.

They stressed that achieving the goal of \$10 billion in bilateral trade depends on close cooperation between

the two neighbors, particularly their private sectors.

Quetta Chamber President Mohammad Ayoub Mariani and Vice President Mir Waez Khan Kakar underlined the need to resolve transportation issues and reduce import tariffs on each other's goods to boost

two-way trade.

The meeting highlighted mutual interest in expanding economic cooperation, with both sides agreeing that stronger business-to-business ties are key to unlocking the full potential of Iran-Pakistan trade relations.