

# Iran's Oil Exports at Record High, June Shipments at 1.8mn bpd



**THERAN - Iran's oil exports remained at record highs in June despite promises by the current U.S. administration to cut shipments to near zero.**

Data from Vortexa, a major international tanker tracking service, released on Wednesday showed that Iran had exported nearly 1.8 million bpd of oil, almost flat from May and on par with post-sanction era records reported in September last year.

The figures were cited in a report by the IRIB News and

had been first reported by the Deutsche Welle (DW).

The DW report described the figures as one of the highs on record since Iran's oil exports came under U.S. sanctions in 2018 during U.S. President Donald Trump's first term in office.

Trump signed a presidential order in February to restore his so-called maximum pressure campaign on Iran.

His administration has announced rounds of new sanctions targeting Iran's oil ex-

ports, including bans on tankers, companies, and even on entities in China, the country that is by far the largest buyer of Iranian oil through its private refineries.

U.S. Secretary of Treasury Scott Bessent, whose department is responsible for enforcing sanctions on Iran, had said in early months of Trump's current presidency that Washington was committed to reducing Iran's oil exports to below 100,000 bpd.

Vortexa released figures in July showing that Iran had been shipping an average of 1.8 million bpd of oil in certain weeks in the past few months. However, its most recent figures show Iran has stabilized its exports at high levels.

The data shows that even a 12-day Israeli war of aggression on Iran, which took place last month and was supported by the U.S., failed to affect the country's booming presence in the international oil markets.

## Plan to Produce 1,000 Megawatts of Solar Power Monthly

TEHRAN - An official of Iran energy ministry says the ministry has set a target to produce 1,000 megawatts of solar power energy every month to combat the imbalance.

Referring to the significant growth in electricity consumption in the hot months General Manager of Energy and Customer Affairs of Tavanir Abdolamir Yaghoubi said, Iran with its high climate capacity and legal support, is seeking to become the solar energy hub of the region.

He added, "If production capacity increases, without improving consumption behavior, the imbalance will continue."

Yaqouti suggested solutions to overcome peak electricity consumption in homes, such as combining air conditioners and fans, shifting cooking times to



cooler hours.

Referring to Iran's privileged geographical location for receiving solar energy, he added: "Our country is among the top countries in the world in terms of solar radiation, and this advantage can provide a platform for sustainable electricity devel-

opment." He continued: "This year, a goal has been set to bring 1,000 megawatts of new solar power into service every month, which was achieved in July. The legal, technical, and economic infrastructure for the expansion of solar energy has also been strengthened."

## Local Company Produces Precision Instruments to Control Temperature, Pressure in Oil, Gas Industries

TEHRAN - An Iranian company stationed at the Elite Technology Growth Center of the International Innovation Zone of Iran produced various types of positioners by using its experience in precision repair.

According to the company's technologists, using this system, variables like temperature, pressure, and fluid flow can be controlled in sensitive industries like oil, gas, mining, and power plants.

Saeed Shafi'ye, the managing director of the company, elaborated on the performance of the positioner, saying, "The positioner is known as a precision instrument. Control valves are one of the important equipment that control variables like temperature, pressure, and fluid flow with the help of the positioner. In other words, the positioner is installed on the control valves and the operating range of the valve is determined based on its settings."

"In sensitive industries like oil, gas, mining and power plants, the company's devices have not only replaced foreign brands costing thousands of dollars, but have also shown better performance in some harsh climatic conditions like the Ahvaz power plant," he added.

"We have produced a device that works continuously for two years without the need for recalibration,



while famous European brand models would fail after 6 months," Shafi'ee said.

In a relevant development in 2024, researchers at an Iranian knowledge-based company had also succeeded in producing 32 gate valves needed in oil industry.

"We are a manufacturer of all kinds of valves needed by the oil, gas and petrochemical industries. The latest achievement of our company has been production of as many as 32 units of 20-inch gate valves of class 2,500 which have been used in development plan of Isfahan Oil Refinery. The achievement is considered as one of the largest valve-production projects of the oil companies in Iran," Masoud Jalali, a representative of the knowledge-based company, told ANA.

Noting that valves are produced by using the open mold forging method due to the type of their structure, he said, "Open mold forging is a hot forming process in which metal is formed by hammering and pressing between flat or simple molds."

"Gate valves are installed at the outlet of the distillery tower and are used to cut off and connect the flow. Also, the operation of these devices takes place at a temperature of 400 degrees (Fahrenheit) and 250 (Bar) of pressure; therefore, we should use heat-resistant materials in its construction," Jalali said.

He explained that stainless steel materials should be used in metallurgy, saying, "This material is one of the most basic elements of gate valves and makes the valves resistant to heat."

## Ministry Accelerates Construction of Dehdasht Petrochemical Plant

Theran - Iran is moving forward with the construction of a major polyethylene plant in Dehdash region, the southwest of the country, with nearly half of the work already completed.

The facility, backed by the Persian Gulf Petrochemical Industries Company, is set to produce about 300,000 tons of heavy polyethylene annually once operational.

According to Energy Press, citing the Persian Gulf Petrochemical Industries Company, Muhammad Shokri at the annual general meeting of Dehdasht Petrochemical Industries Company that the company's heavy polyethylene project with a capacity of 300,000 tonnes per year is one of the key projects in the south of the country.

He added, the physical progress of the project has reached 44.8 percent by the end of June, and this achievement is the result of the round-the-clock efforts of all colleagues, contractors, and the support of shareholders.

He pointed out that the progress



of the project's engineering has reached 91.9 percent, the civil and construction sector has reached 68.2 percent, and the installation and pre-commissioning activities of equipment have reached 18.5 percent, adding: The procurement and purchase of goods sector has progressed by 43.1 percent, and activities outside the project have progressed by 41 percent, and the process of training and equipping human resources has also been followed according to plan with 22.9 percent progress.

The CEO of Dehdasht Petrochemical Industries Company stated that the company, with major shareholders including Persian Gulf Petrochemical Industries Company (69.5%), Mamasani Petrochemical, Kazerun Petrochemical, and other companies, has allocated an investment of 184 million euros and 124 trillion rials for this project. He added: "It is expected that the project will be put into operation in the first half of 1406 (H2017) after completing the implementation phases."

## Official: Premium Cow Embryos Exported to Africa, Central Asia

TEHRAN - The managing director of Sina Fana-varan Mandegar company in Iran announced the endorsement of two contracts with the African and Central Asian countries to export premium cow embryos.

Muhammad Mehdi Naderi, the managing director of the company affiliated to Academic Center for Education, Culture and Research of Iran, referred

to inauguration of the largest center for producing premium cow embryos by using in vitro fertilization (IVF) method in Iran, saying, "The production capacity of this new unit is 10,000 embryos per year and for the first time in Iran, the export of premium cow embryos to different countries has started."

Noting that the center is equipped with the latest technologies in accordance

with the latest global standards, he said, "At present, two export contracts have been signed with the African and Central Asian states and negotiations with other countries are also underway."

Naderi explained that normally, only one calf can be produced per year from each premium cow, but using this technology, it is possible to produce up to 20 calves from one pre-

mium cow per year.

In a relevant development in 2023, a knowledge-based company in Iran had succeeded in producing embryos from high-yielding dairy and beef cows by using the IVF technology.

"High-yielding cows are imported to Iran from the European countries and they are then fertilized with high-fertile sperms, in a laboratory environment, and it takes ten days

to transfer the embryos to livestock farms," Mostafa Pournour Ali, a member of the knowledge-based company, told ANA.

"By using this method, we can get four embryos from a female cow in a month," he added.

"High-yielding cows are premium breeds that can reduce production costs by 20% to 30% compared to other cows by producing more milk and meat,"

Pournour Ali explained.

He added that embryo modification was carried out with the sperm received from bulls, which was time-consuming and lasted for four generations, noting that the new technology makes modification possible in the first generation.

"Also, this method can be used for the revival of the endangered species," Pournour Ali said.