

Climate protesters blocked streets in London's financial hub on Monday morning, as their "October Rebellion" designed to highlight the threat of global warming entered its second week. ft.com wrote.

Renewable electricity overtakes fossil fuels in UK for first time

Renewable energy sources provided more electricity to UK homes and businesses than fossil fuels for the first time over the last quarter, according to new research.

The renewables record was set in the third quarter of this year after its share of the electricity mix rose to 40 percent, the Guardian wrote.

It is the first time that electricity from British windfarms, solar panels and renewable biomass plants has surpassed fossil fuels since the UK's first power plant fired up in 1882.

The new milestone confirms predictions made by National Grid that 2019 will be the first year since the Industrial Revolution that zero-carbon electricity — renewables and nuclear — overtakes gas and coal-fired power.

A string of new offshore wind-

will remain in the UK: The West Burton A and Ratcliffe-on-Soar plants in Nottinghamshire, Kilroer in Northern Ireland and two generation units at the Drax site in North Yorkshire, which are earmarked for conversion to burn gas.

Gas-fired power makes up the bulk of the dwindling share of fossil fuels in the energy system at 38 percent. Nuclear power provided slightly less than a fifth of the UK's electricity in the last quarter, the report said.

Wind power is the UK's strongest source of renewable energy and made up 20 percent of the UK's electricity following a series of major windfarm openings in recent years. Electricity from renewable biomass plants made up 12 percent of the energy system,

Kwasi Kwarteng, the minister for energy and clean growth, said the renewables record is "yet another milestone on our path towards ending our contribution to climate change altogether by 2050".

He said: "Already, we've cut emissions by 40 percent while growing the economy by two thirds since 1990. Now, with more offshore wind projects on the way at record low prices we plan to go even further and faster in the years to come."

Luke Clark, of Renewable UK, said the industry hopes to treble the size of its offshore wind sector by 2030 to generate more than a third of the UK's electricity.

Under the Labour party's plans for Green Industrial Revolution the offshore wind industry would grow five-fold in a decade, with the addition of an extra 37 giant offshore windfarms and 70,000 new jobs.

According to Renewable UK, the growth of the renewables industry is good news for energy bills, as well as the environment, due to the steep fall in the cost of wind and solar power technologies over recent years.

"The cost of new offshore wind projects, for example, has just fallen to an all-time low, making onshore and offshore wind our lowest-cost large scale power sources," Clark said.

The next generation of offshore windfarms is expected to cost about £40 for every megawatt hour of electricity generated, less than the average market price for electricity on the wholesale energy markets.

"If government were to back a range of technologies — like onshore wind and marine renewables — in the same way as it is backing offshore wind, consumers and businesses would be able to fully reap the benefits of the transition to a low carbon economy," Clark said.

Iran's rural women cooperatives help sustainable entrepreneurship: Deputy minister

Iran's rural women cooperatives have helped sustainable entrepreneurship across the country, said deputy minister of agricultural Jihad.

On the occasion of International Rural Women's Day on October 15, Hossien Shirzad, who is also the chief executive of Central Organization for Rural Cooperatives of Iran (CORC) said that the cooperatives revived traditional drapery of Khorasrad, called Tofafi in local language as well as other obsolete local arts, corc.ir reported.

He added that rural women play a crucial role in ensuring the sustainability of rural households and farming communities.

However, they always have been suffering from gender disaggregation, Shirzad said.

The official said that by supporting rural women cooperatives, the CORC has always been trying to remind the significance of rural women's working in the sustainable development of agriculture.

The cooperatives through the development of social care,



IRINA

education and insurance try to increase the potentials and empower the rural women.

Referring to the revival of the obsolete art, like Tofafi, the deputy minister asserted that through reviving the textile art, the rural women have succeeded in providing

income generation.

Dating back more than three centuries, Tofafi is one of the most traditional textile handicrafts, originating in eastern Iran.

Yarns are made from natural materials including silk, cotton or wool, processed by flour,

dyed with natural coloring agents such as pomegranate, walnut and onion extract. Then rural women weaved them by manual knitting looms to produce delicate and synthetic-free fabrics that could be used as towels and shirts



ISLANDSTOCK/ALAMY

farms built this year helped nudge renewables past fossil fuels, which made up 39 percent of UK electricity, in a crucial tipping point in Britain's energy transition.

Fossil fuels made up four-fifths of the country's electricity fewer than 10 years ago, split between gas and coal, but the latest analysis by Carbon Brief shows that coal-fired power was less than one percent of all electricity generated.

British coal plants are shutting down ahead of a 2025 ban. By next spring just four coal plants

while solar panels contributed six percent.

The world's largest offshore windfarm, the Horns Rev One project, began generating electricity off the Norfolk coast in February, reaching a peak capacity of 1,200MW in October. It followed the opening of the Beatrice windfarm off the north-east coast of Scotland over the summer.

Together these schemes almost doubled the 2,100MW worth of offshore capacity which began powering homes in 2018.

Guam avoids severe coral bleaching predicted for this year

Officials say vulnerable coral reefs on Guam have not experienced severe bleaching that was predicted for this year.

Pacific Daily News reported that the Guam Bureau of Statistics and Plans said a mass coral bleaching event indicated by satellite measurements of sea surface temperatures did not occur, phys.org wrote.

Officials say recent stormy weather including Super Typhoon Hagibis may have contributed to the coral's survival through cloud cover that cooled surface water

temperatures.

Officials say storms and wind are also likely to have created cooling water movement.

The National Ocean and Atmospheric Administration's Coral Reef Watch program indicated in July that the island would likely experience significant bleaching, which often precedes coral death.

A coral reef resilience coordinator with the statistics and plans bureau said Guam has "so far been very lucky."



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1398.4333
First Announcement

N.I.O.C

Call for public tender (First/Second publish) One -Stages (semi compressed) tender

Subject of Tender: P/F: EMERSON EQUIPMENT

Tender descriptions:

The Tender holder	Registration No. through national electronic tendering system	Tender No. /Indent No.	Estimated value (Rial)
National Iranian Drilling Company	3,216,625	Tender No. :FP/09-98/061 Indent No. :01-22-9846001	19,800,000,000

Qualitative evaluation of tenders

Based on minimum scoring (60 Points) made in award criterion reflected in the tenderers pre-qualification forms.

Method

- Applicants who have more than 4 in process contracts with NIDC are not allowed to participate in this tender.
- Applicants which have more than 2 in process contracts with NIDC in similar subject (exclusively same subject) are not allowed to participate in another tender

Purchasing & Submitting

The distribution of the documents will be started one day after the publishing of second advertisement and ended on the following tenth day thereof.

Tender Document Distribution by Company

Distribution Place

Hall No.:113, 1st floor, Foreign Procurement Dept., National Iranian Drilling Company, Airport square, Ahwaz, IRAN – Tel : 061 34148601
Room No. 431, 4th floor, Oil central building No.8,Yaghma alley, Jomhori Islami st., Tehran – Iran Tel: 021-66700249

Submitting Method

- Submitting one original Bank Fund Receipt in the amount of 510,000 Iranian Rials under account number 4001114006376636 (Shaba No. IR 52010004001114004020491) in name of "NIDC Incomes Centralized Fund" issued by I.R. of Iran Central Bank. Avoid any payment other than the bank method (in person) and also provide a deposit.
- Submitting format Request for the purpose of receiving Tender Documents.

Documents Receiving Method

Closing date

- 14 Days after the last time of Purchasing.

Address

Hall No. 107, 1st floor, Tender Committee, Operation building, National Iranian Drilling Company, Airport square, Ahwaz, IRAN, Tel: +98-61-34148580 +98-61-34148569

Tender Guarantee

Value of guarantee

990,000,000 Rial/ 20,929 Euro

Type of guarantee

- Bank guarantees or guarantees issued by non-bank institutions that obtain activity license from the central bank of the Islamic Republic of Iran.
- Submitting one original Bank Fund Receipt under account number 4001114006376636 (Shaba No. IR 35010004001114006376636) in name of "NIDC saving account" by the central bank of Islamic Republic of Iran

Duration of credit & quotation

Tender Guarantee and quotation should be valid for 90 days and extendable maximum for one time in initial validity duration.

(Foreign Procurement Dept.)
More of this & other tenders are accessible by click on:
www.nidc.ir http://sapp.ir/nidc_pr

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