

# GPIC takes a green step

Honours winners of 13th Education and Environmental Research Programme



GPIC officials and guests during a photocall **Manama**

The Gulf Petrochemical Industries Company (GPIC) has honoured the winners of the 13th Education and Environmental Research Programme for the year 2016-17, during the celebrations of the Company's Safety, Health and Environment Day.

The top place was won by the Istiqlal Secondary School for Girls for its project on

the multiple use of lubricants for cars, while the Omaima Bint Al-Nu'man Secondary Girls School won second place for its research on Epiphytic plants. The Al Hidd Secondary School for Girls came in third place with its project on producing bioethanol from paper waste.

GPIC General Manager Manufacturing Fadhel Al Ansari honoured the winners

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on behalf of the Company President, Dr. Abdulrahman Jawahery.

The programme is the first of its kind in supporting and

sponsoring scientific research in the field of the environment. The programme, launched by the Company in cooperation and coordination with the

Ministry of Education in 2004, aims at encouraging students of Bahrain's schools to conduct research in environmental subjects.

In a statement, Dr. Jawahery spoke of the success of the programme and said the programme succeeded to a large extent in raising awareness of environmental issues and correcting many harmful environmental

practices.

Dr. Jawahery praised the cooperation of the Ministry of Education, headed by Dr. Majid Al Nuaimi, who had spared no effort to provide all support for the success of the programme.

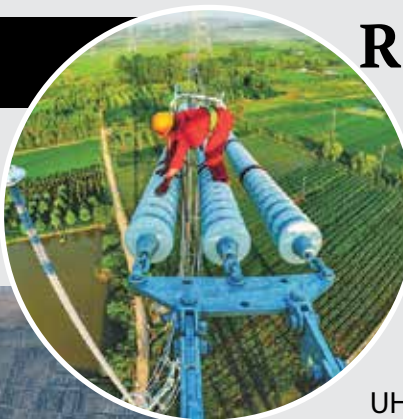
He said the Company would continue programmes and events that raise awareness and support and protect the environment.

## China's major ultra-high voltage transmission line

China has a west-to-east ultra-high voltage direct current (UHV DC) power transmission project that has transmitted over 100 billion kilowatt-hours of clean electricity.

### Power travel

The clean power has been carried from Xiluodu Hydropower Station in southwest China to east China's Zhejiang Province. The 1,680-kilometer line started operations in 2014.



### Reduced CO2

During the peak summer season, it contributed up to 17 per cent of Zhejiang's power, saving more than 30 million tonnes of coal and helping reduce about 85 million tonnes of carbon dioxide emissions.

### 30000kms

China has worked hard to develop UHV DC power transmission and other clean energy technologies. There are about 30,000 kilometers of UHV DC power transmission lines under construction and in operation.

### More power

UHV is defined as voltage of 1,000 kilovolts or above in alternating current and 800 kilovolts or above in direct current. It can deliver large quantities of power over long distances with less power loss than the more commonly used 500-kilovolt lines

Clean hydropower from west China connected to the grid of east China's Zhejiang Province



Cool Trends

Xiluodu Hydropower Station

SOURCES: XINHUA, GETTY IMAGES, SCMP