Times Higher Education
Impact Rankings

13 CLIMATE ACTION

“SDG13- Climate Action”

13.2.1 Low carbon energy tracking

The Solar System at Shatt al-Arab University College consists of 20 panels with a total capacity of 8.8 kilowatts, providing 35 amps.

13.2.2 Low-carbon energy use

Shatt al-Arab University College seeks to modernize its clean energy sources in a manner consistent with sustainable development goals, as the total energy used in the college reached 24,800 KW, and the total energy used from low-carbon sources in the college reached: 8,800 KW.

Solar panel

Biodiesel generator

No	Renewable Energy	Production (in kWh)
1	Solar panel	8.800 KW
2	Biodiesel generator	16.000 KW
Total		24.800 KW

13.3.1 Local education programmes on climate

Shatt Al-Arab University College presented two different seminars to highlight the dangers of climate change, its effects, and ways to reduce its impact, as follows:

1. **The biological and psychological impact of climate change and environmental factors on living organisms.**
   The aim of the symposium is to identify the effects of climate and environmental change on living organisms in Basra Governorate and to propose solutions to them. The symposium dealt with an attempt to identify the effects of changes occurring in the climate and environment in general and in the environment of Basra Governorate in particular, and the impact of these effects on living organisms, especially humans, psychologically and biologically, and what are the solutions to these effects.

2. **Renewable energy sources.**
   The aim of the symposium is to introduce the audience to renewable energy sources, their types, and global renewable energy plants. Types of renewable sources such as sunlight, wind, hydroelectric, marine, geothermal, and bioenergy were also discussed, and the basic concepts of solar, wind, and thermal energy were clarified.