

The “Gold Standard” UAE-US Partnership for Secure Nuclear Energy



More than 15 years after the UAE and US signed a “123 Agreement” that established a legal framework for peaceful nuclear cooperation between the two countries, it is still regarded as the **“Gold Standard” for civilian nuclear energy development** and cooperation with the US.

The **UAE-US agreement remains a powerful model** due to the UAE’s commitment to oversight by the International Atomic Energy Agency (IAEA) and the adoption strong nonproliferation guarantees – including forgoing domestic uranium enrichment and reprocessing.



The UAE “has set a new standard for peaceful nuclear energy projects globally.”

US Ambassador Thomas Graham, Jr., Former member of UAE International Advisory Board



Working with a consortium led by Korea Electric Power Corporation (KEPCO) that includes US partners, the **UAE built and brought online four reactors at the Barakah Nuclear Power Plant in Abu Dhabi.** Today, with world-class regulatory standards and strong management of the Barakah Plant, the UAE nuclear program stands out as a global leader in safety and sustainability.

In line with common UAE-US goals to boost energy abundance, the UAE’s nuclear program is **contributing to a diversified, secure energy mix.** The Barakah Plant, which came fully online just eight years after the project broke ground, now generates 40TWh of energy annually.

A Key Source of Diversified, Reliable Energy



1st Nuclear energy plant in Arab World



25% of the UAE’s electricity needs



500,000+ homes powered



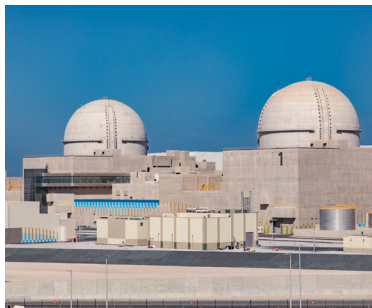
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| Contributing to American Economic Prosperity

The UAE-US 123 Agreement has led to over **\$2.75 billion in contracts for the US private sector**, spanning 175 companies across 33 states. Collaboration with US firms, including Westinghouse, Bechtel, Lightbridge Corporation and CH2M, has ranged from manufacturing and engineering support to operational oversight and development of safety standards.



| Driving Energy Innovation



Building on a successful track record of bilateral nuclear cooperation, companies across the UAE and US are **working on new technology to create more efficient energy systems**. In addition to managing the Barakah Plant, the Emirates Nuclear Energy Corporation (ENEC) is working to deploy smart technology across the nuclear sector through its ADVANCE Program. Partnerships with US companies such as Terra-Power, X-Energy and Westinghouse are exploring advanced nuclear reactor technologies with the potential to decarbonize heavy industries.

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We are very grateful for the important leadership of the UAE in showing the world how nuclear power can be advanced safely, without contributing to nuclear proliferation dangers.

Former US Senator Sam Nunn, Co-Chairman, Nuclear Threat Initiative

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