



Power & Operations

output will also cover 25 percent of the country’s carbon reduction commitments, referred to as the Nationally Determined Contribution under the United Nations Paris Agreement for global climate change goals.

ENEC said that Barakah-4 would begin commercial operations after it undergoes power ascension testing and noted that each of the four units at the Barakah facility has been connected to the grid more efficiently than the previous unit. Unit 3 was delivered four months faster than the Unit 2 schedule and five months faster than the Unit 1 schedule.

In addition to building up the pressurized water reactor capacity at Barakah, ENEC is focusing on advanced nuclear technologies such as small modular reactors and micro-reactors through the company’s ADVANCE Program, which was launched late last year. “This strategic direction not only amplifies the UAE’s contributions to global decarbonization efforts but also showcases the potential of advanced nuclear technologies in meeting the world’s growing energy needs sustainably,” said the company. ☒



Unit 4 at the Barakah nuclear power plant. (Photo: Nawah Energy Company)



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