Press release

DEWA and Acwa sign Water Purchase and Shareholder Agreements for second phase of Hassyan desalination project, becoming the world's largest sea water RO desalination plant with a total production capacity of 240 MIGD

Dubai, UAE, 6th November 2026: Dubai Electricity and Water Authority (DEWA) has signed a Water Purchase Agreement and a Shareholder Agreement with Acwa, valued at AED 1.76 billion (approximately USD 478 million), for the second phase of the seawater reverse osmosis (SWRO) desalination project at the Hassyan complex in Dubai.

The two agreements were signed by **HE Saeed Mohammed Al Tayer, MD & CEO of DEWA**, and **HE Mohammad Abunayyan, Founder and Chairman of Acwa**. Officials from both entities were present.

The project company will be responsible for the development, financing, construction, and operation of the desalination plant, with DEWA holding a 60% stake and Acwa holding a 40% stake.

Under the 30-year Water Purchase Agreement, the second phase will be developed with a production capacity of approximately 60 million imperial gallons per day (MIGD) (272,000 cubic metres). This phase complements the 180 MIGD first phase, which has been developed with an investment of AED 3.357 billion as DEWA's first project based on the Independent Water Producer (IWP) model. Once both phases are completed, the emirate's total desalinated water production capacity will reach approximately 735 MIGD by 2029.

"The signing of the Water Purchase Agreement and the Shareholder Agreement with Acwa for the second phase of the Hassyan project embodies our firm commitment to strengthening Dubai's water security through sustainable sources, leveraging the latest technologies and innovative solutions. **With the addition of 60 MIGD, Hassyan will become the world's largest SWRO desalination plant with a total production capacity of 240 MIGD.** It also reflects our confidence in partnerships capable of transforming vision into tangible achievements. The 30-year Water Purchase Agreement marks a significant step in our journey to enhance production capacity using reverse osmosis technology, while reinforcing Dubai's leadership in adopting cutting-edge solutions, improving water production efficiency, and achieving sustainability. In line with the UAE Water Security Strategy 2036 and the Dubai Clean Energy Strategy 2050, we are steadily advancing the development of innovative water desalination solutions that reduce emissions, ensure sustainable access to water, and support the goal of achieving net zero by 2050," said **Al Tayer**.

Al Tayer added: "We are investing in the future of water with confidence and a long-term vision, harnessing technology and innovation to build a water security system that keeps pace with Dubai's rapid growth and meets the rising demand for water services. Furthermore, we are building on the positive results achieved by the UAE in the Integrated Water Resources Management Index through the robust integration of water, energy, and environmental strategies."

HE Mohammad Abunayyan, Founder and Chairman of the Board of Directors of Acwa, said: "Water security is fundamental to sustainable economic growth and long-term resilience. Our partnership with DEWA, built over more than a decade of collaboration in Dubai's power and water sectors, reflects a shared commitment to delivering reliable, efficient infrastructure at scale. Expanding Hassyan is a natural next step in that partnership, allowing us to build on our existing investment and development capabilities while creating long-term value. We are proud to support Dubai's

www.dewa.gov.ae
customercare@dewa.gov.ae
+971 4 601 9999

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هيئة كهرباء ومياه دبي (ش.م.ع)، ص.ب. 564، دبي، الإمارات العربية المتحدة
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water security ambitions and look forward to delivering this next phase with the same focus on efficiency, reliability, and execution excellence that defines our approach across the Acwa portfolio.

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