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Technology presented at World Future Energy Summit

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(ANSAmед) - NAPLES, JAN 18 - The idea is to use energy from the sun and wind even when neither is available.

The innovative Magaldi Green Thermal Energy Storage (MGTES) meets a critical need of current renewable energy power grids and is playing a leading role at the World Future Energy Summit in Abu Dhabi in the UAE, its representatives have said.

The summit runs through Wednesday at the Abu Dhabi National Exhibition Center (ADNEC), one of the most important events in the energy and sustainability sector.

The 2022 edition revolves around cutting-edge solutions for energy transition, which is which the Magaldi Power start-up Magaldi Green Energy and its entirely Italian made MGTES is playing a key role, with its ability to help overcome the intermittent nature of renewable energy.

Due to nature itself, solar and wind power depend on meteorological conditions and this is why it is impossible to use it 24 hours per day, seven day a week.

This lack of continuity is currently compensated by making use of fossil fuels while at the same time there is excess produced by renewable fuels sources, resulting paradoxically in grid operators forced to apply reductions.

Due to an innovative storage system, MGTES stores electricity from solar and wind sources when it is available at low cost and releases it at times of greater need, balancing supply and demand. "Managing to conserve, in an efficient and lasting manner, energy produced from renewable sources is an important step in the direction of a progressive decarbonization of the industrial system," said Letizia Magaldi, Executive Vice-President Corporate Development of Magaldi Green Energy.



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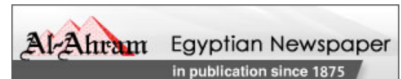
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