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Algeria, Jul 3rd, 2024 -- On July 3 2024, the roundtable forum on "LONGi"s Advanced Green Power + Green Hydrogen Solutions for Algeria" was successfully held in Algiers. The forum brought together key government agencies involved in the renewable energy sector and several project implementation companies to discuss the impact of technological innovation and high-efficiency products on the entire lifecycle of photovoltaic power plants. James Jin, President of LONGi Middle East, Africa & Central Asia (MEA&CA), attended the event and delivered a keynote speech.

Algeria is rich in sunlight resources, especially in the southern desert region, with an average annual sunshine duration of more than 2,000 hours, and up to 3,900 hours in some areas such as the highlands and the Sahara. This vast potential for solar energy development translates to an estimated annual power generation potential of 14TWh. The local government has set a target of 15GW of renewable electricity capacity by 2035, which is expected to account for about 27% of the country"s total installed electricity capacity, with solar power playing a major role. Consequently, Algeria"s new energy market is expected to experience an accelerated development boom in the coming years.

As one of the world"s top 10 natural gas producers, Algeria"s advantageous geographical position facilitates the rapid export of local natural gas to European countries in the northern Mediterranean. In the context of global decarbonization, Algeria, known as the "North African oil depot," is also accelerating its green transformation. At the forum, experts in green power and green hydrogen engaged in in-depth discussions on the development of these energy sources in Algeria. Topics included leveraging geographical advantages and the north-south layout of photovoltaic power plants to solve the export challenges of green hydrogen and green ammonia, and using advanced technologies and products to optimize the CAPEX and OPEX of green power and green hydrogen projects.

James Jin, emphasized that Algeria, as one of Africa"s largest countries, currently relies on a domestic power structure dominated by natural gas power generation, with oil and natural gas exports to Europe as a primary economic driver. However, with its abundant renewable energy resources and strategic location, Algeria has the potential to meet growing domestic energy demands and generate new economic growth through the export of green hydrogen and green ammonia to neighbouring European countries. LONGi is committed to collaborating with all parties in Algeria to support the country"s energy transition and economic advancement with a valuable "Green Power + Green Hydrogen" solution.

In the future, LONGi will continue to integrate into the local energy transition with more efficient BC full-scenario products and solutions, contributing to Algeria"s and Africa"s green energy transformation and driving the local economy towards low-carbon and sustainable development.

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Founded in 2000, LONGi is committed to being the world"s leading solar technology company, focusing on customer-driven value creation for full scenario energy transformation.

Under its mission of "making the best of solar energy to build a green world", LONGi has dedicated itself to technology innovation and established five business sectors, covering mono silicon wafers cells and modules, commercial & industrial distributed solar solutions, green energy solutions and hydrogen equipment. The company has honed its capabilities to provide green energy and has more recently, also embraced green hydrogen products and solutions to support global zero carbon development.

According to the first annual report of the Commissariat for Renewable Energies and Energy Efficiency (Cerefe), two new factories for the production of solar panels will soon see the light of day in Algeria. These installations built by Milltech and Zergoun Green Energy can supply 260 MWp of solar panels per year.

Algeria is putting in place major means to achieve its energy objectives, notably the production of electricity from solar energy. The North African country will soon have two new solar panel production plants. The Commissariat aux énergies renouvelables et à l’efficacité énergétique (Cerefe) noted this in its first annual report recently published in Algeria.

According to Cerefe, the factory under construction in the industrial zone of Boukherana, near Chelghoum El Aid (400 km from Algiers), will be commissioned before the end of 2020. It belongs to Milltech which plans to supply 100 MWp of solar panels per year. “Thanks to our ability to produce standard and high voltage (1500 V) modules in monocrystalline and polycrystalline technologies (PERC modules to come), glass-glass and bifacial modules, as well as half cut cell modules, we believe that our product series, proudly manufactured in Algeria according to the strictest industry standards and TUV certified (standard 61215), can easily meet and exceed all of our customers’ expectations, both in Algeria and abroad,” explains the Algerian company.

Another factory is under construction in the wilaya of Ouargla, with an expected capacity of 160 MWp of solar panels per year. Both factories will have a production capacity of 260 MWp of solar panels per year. A total of four solar panel production units will supply the Algerian and sub-regional market.

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