

Specific energy storage applications cyprus

Cyprus will begin accepting applications from commercial producers to construct energy storage facilities on the island in January, Energy Minister George Papanastasiou said on Friday.

Addressing the Energy symposium in Nicosia, he said the government aims to be able to store a total of 150 megawatts of energy, all of which will be generated by renewable sources.

These comments come off the back of his speech to the House finance committee regarding his ministry's budget, in which he said Cyprus now has the capacity to produce a total of 950 megawatts of energy from renewable sources, with 1,500 megawatts of installed capacity from conventional production.

However, he said, only 20 per cent of Cyprus' energy consumption is from renewable sources, given the lack of available storage systems, and added that this figure "could be much higher" if the requisite storage infrastructure existed

Greek Energy Minister Theodoros Skylakakis also centred his recorded address to the symposium on the matter of renewable energy, saying, "this period of energy transition, with very big disturbances, comes at the same time as the climate crisis, and is full of challenges."

He added that his country is expanding its renewable energy production, utilising solar panels, hydroelectric power, and wind power, and is also making "significant investments in energy storage".

He also made reference to the electricity interconnector between Cyprus and Greece, saying that relations between the two countries "will become even closer as the construction of the cable progresses".

To this end, he expressed his belief that both countries' investment in renewable energy and the interconnector project will "lead in the coming years to much lower energy prices, and this will favour both Greece and Cyprus".

Tom joined the Mail in 2023. An award-winning journalist, he speaks four languages fluently, watches his local football team home and away, and is an avid traveller.

It said the government will be deploying centralised energy storage systems and at the same time launched a public consultation into how best to direct funding to support renewable energy sources that can be combined, or hybridised, with energy storage system (ESS) technology.

The network of central energy storage systems will be installed "by the State", MECI said, and they will be

owned by the national energy supplier Cyprus Energy Authority, through its business unit for networks. The systems will be administered by the Cyprus Transmission System Operator (TSOC), which as the name implies, is the national transmission system manager.

While it didn't mention in a public announcement how technology providers, contractors and other partners will be chosen, MECI did say that any battery energy storage system (BESS) projects must be completed within 18 to 24 months after receiving required approvals. Whereas for non-battery systems, a longer timeline for implementation will be allowed.

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