

Solar energy storage argentina

The country's Ministry of the Economy has released its plans for decarbonisation to 2030 and 2050, as well as set out its target for two years' time, and said the planned changes to its energy system to meet its goals would require the 'progressive integration' of energy storage systems.

Technical information about the electricity grid in Argentina and a procedure for receiving and evaluating the EOIs will now be prepared by the country's wholesale electricity market operator, CAMMESA (Compa a Administradora del Mercado Mayorista El ctrico Sociedad An nima).

CAMMESA needs to publish its procedure within 20 days of the Resolution's publication and interested parties will have 120 days to submit their proposals, with CAMMESA then having 60 days to present the evaluations of those proposals to the Ministry.

Interested parties are being invited to propose projects encompassing the financing, construction and management of energy storage systems in the wholesale electricity market. The projects could be for optimising generation dispatch, providing power reserve services or other mechanisms proposed.

Different technologies and technical characteristics will be considered, with proposals expected to outline power and energy, charging and discharging periods, maximum storage periods (in days to years), useful life and number of cycles, degradation and other details.

With Argentina being a major source of lithium carbonate for lithium-ion batteries, EOIs which propose ways to integrate a national supply chain into project delivery will be 'valued', the Resolution added.

The news comes after our publisher Solar Media recently held the Energy Storage Summit Latin America 2023 in Santiago, Chile, where the bulk of the sub-continent's grid-scale energy storage activity is happening.

The share of wind power is expected to reach 13% in 2035, compared with a 3% share in 2023. Biopower is forecast to account for 1% shares of Argentina's total electricity generation capacity, in 2035, as against 0.64% shares in 2023. The share of geothermal is expected to change from a 0.00% share in 2023 to a 0.14% share in 2035.

In terms of capacity additions, the total renewable energy capacity is expected to see 18136.64 MW of additions in Argentina during the forecast period while the non-renewable energy segment is likely to see 852.6 MW of additions.



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Solar PV power is expected to record highest growth rate of 17.07% by 2035, followed by biopower with 10%. Other renewable energy sources such as wind and hydro are estimated to have growth rates of 10% and 2% respectively.

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