

With its huge rural areas missing any connection to the national power grid, the demand of off-grid solar projects in Paraguay is growing. To supply those remote territories with drinking water, The meeco Group, a Swiss-based clean energy provider, developed special solar water pumping solutions, the sun2flow system.

Paraguay has abundant hydroelectric energy (around 99%, in 2017 a generation reached 96,387 GWh) and it is currently exporting part of this energy. Some studies carried out by the National Electricity Administration indicate an increase in the demand for electric power where it is observed that the Reserve Generation Margin would be affected by the [...]

With the construction of a photovoltaic plant capable of generating 120 MW of electricity, Penguin Solar will not only provide 100% clean energy to communities and ...

lean H₂ and NH₃ large production in Paraguay by the 14 GW Itaipu hydroelectric facility E3S Web of Conferences 113, 01009 (2019)

Laboratory (NREL), Paraguay has a great solar energy potential, with an estimative of 1,112,221,024 MWh per year [5], indicating that the central and northeastern areas of the ...

Photovoltaically operated reverse osmosis plants in off-grid operation constitute a promising system technology for meeting a part of the water requirements in regions without ...

With the construction of a photovoltaic plant capable of generating 120 MW of electricity, Penguin Solar will not only provide 100% clean energy to communities and industrial sectors but also contribute to diversifying the country's National Interconnected System, which currently relies heavily on energy from our three hydroelectric plants.

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