Building on solar success in Antartica

The challenge

• Follow the success of Uruguay’s 1st Antarctic solar project
• Negotiate harsh frozen terrain to power a 2nd installation in only 3 days

The partners

• Instituto Antartico Uruguayo (end-user)
• UTE (energy provider)
• Ministry of Industry, Energy and Mining (local ministry)
• Smart Green Uruguay (installers)

The solution

• Tried and tested FIMER technology that saves time and resources
• Extensive training and real-time support for installers

Project used

1x FIMER solar inverter UNO-DM-6.0-TL
24x ground-mounted solar panels JINKO 270W (12 modules per string)
1x MCB 40A 2-pole + 1x RCD 40A 300mA 2-pole
Connection to FIMER’s Aurora Vision Plant Management portal via the inverter’s embedded Wi-Fi interface

The results

10% of total power demanded is solar generated during the summertime
Up to 4 tonnes carbon emissions offset already*
Offset the equivalent of up to 1ha of pine forest*
Enough energy generated to power 1415 days of TV*
and up to 40 computers per year*

Please note this project was completed when the product portfolio was under the remit of ABB.

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*values correct as of 27.03.2020