



Solar obstruction lights Rincón del Bonete, Uruguay



PROJECT OVERVIEW

Location: Black River Region
Uruguay

Date: November 2011

Owner: UTE

Site: Rincón del Bonete

Product: Solar-powered LED
obstruction lights

Application: Obstruction lighting for
wind-mapping towers

BENEFITS

- Clear identification of tall structures
- Self contained = easy installation - no cabling required
- Cost effective, eco-friendly energy efficient LEDs have a long working life of up to 100,000 hours
- No power cable interference with tower performance
- Long life expectancy and practically maintenance free
- Monitoring and control systems also available

Uruguay's state power company improves air safety for local aviators

Wind-mapping towers fitted with anemometers located at the dam spillway of Rincón del Bonete (Corner Dam Bonnet) and around the country have been fitted with Avlite's solar obstruction lights.

Avlite's South American Distributor - Quartz Sistemas, worked closely with UTE to supply and install the solar obstruction lights to enable clear identification of the towers by local aviators in the Black River region.

Due to the lack of mains electricity supply to zones where the towers were installed, Avlite's solar obstruction lighting was the perfect solution. Designed to be maintenance free with a service life of 12 years, once installed, the lights require no operator intervention, resulting in safety risk reduction, and low on-going maintenance costs - important factors to consider for very tall structures.

A long-time customer of Avlite's products, UTE plan to install the solar obstruction lights on other wind-mapping towers across the Uruguayan territory to enable the future installation of wind generation farms.

"UTE have been purchasing Avlite products since 2007 for their superior solar-powered capability, reliability, low on-going maintenance and operation costs and ease of installation"

Daniel Alayon, Quartz Sistemas, Uruguay