



CRESTCHIC CASE STUDY

BRITISH ANTARCTIC SURVEY

Client Requirement

British Antarctic Survey (BAS) required 2 x 200kW Resistive load banks to test the generators at the Rothera and Halley research stations.

The generators power the stations, protecting over 100 lives and the precious data generated in the harshest atmospheric conditions on the face of the planet.



Load Bank Package



2 x 200kW Resistive-Only Load Banks






KCS Control System & Cables

Crestchic was the ideal provider for us as it enabled us to design exactly what we wanted at the same time as remaining **cost efficient**. We were provided with such a **good service** and **robust product** in the first instance that we returned to Crestchic for our most recent installation at the Rothera station. You can't survive here without resilient generators and we can't afford to lose the power so the **loadbanks are critical** for our operation out in Antarctica.

Mark Wales, Facilities Manager at BAS



Key Objectives

-  The loadbanks provide a resistive-only load at 1.0pf, which fully tests the generator's engine output.
-  KCS control stepped load increments up and down 1 kW, allowing for incredibly accurate application and rejection of load.
-  The castor mounted loadbanks enabled ease of movement on site.

Crestchic's rental fleet is the largest of its kind in the world and provides a highly flexible solution for companies that have a load requirement. With over 30 years' experience in the sector, the company has a **capacity in excess of 150MVA worldwide**.

-  **In Budget**
-  **On Time**
-  **Specialist Logistics**
-  **All-Weather Containers**