

Design

National Air Traffic Services (NATS)

The Problem

There are emergency generator sets at all NATS radar beacons which assist in keeping our skies safe. BGSS are the generator specialist contractor for NATS and as such we are contracted for this project to upgrade the generator at Ventnor on the Isle of Wight. The existing generator set had become obsolete and also did not have the capacity to cope with the increased load on site.



The Solution

BGSS designed, manufactured and installed the new generator built to NATS specification. The client was particularly pleased with the fact that one Company could deliver the whole project from design to commissioning without having to sub-contract any of the work.

This project also gave the client the ability to upgrade the installation with new attenuation and fuel system: this work all came under BGSS's remit.



System Details

A 40kVA Prime Power skid mounted set with integral control panel utilising a BGSS standard control panel that takes advantage of an industry standard Deep Sea Electronic Generator Controller. Prime mover from the Perkins family of engines directly coupled to a Newage Alternator. System taken to site as a complete unit necessitating the need for cable connections only at site, cutting down site attendance and installation downtime.



Maintenance

Head office: St Michaels Road, St Helens, Merseyside WA9 4WZ

Telephone: 01744 814444 Facsimile: 01744 814455

E-mail: sales@burtonwoodgroup.com Visit us at: www.burtonwoodgroup.com

Also offices at Heathrow and Whitehall, Central London.