



aggreko

Power to heat railway points during cold weather

CUSTOMER

Network Rail

LOCATION

Bolton, UK

SECTOR

Rail

KEY FACTS

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125 kVA generator

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Thermostat

Below 5°C

Temperature for auto-start

6°C

Auto-stop temperature

THE CHALLENGE

Heating cabinets needed power to heat rail points during winter

A railway contractor had installed temporary rail points as part of a long-term construction project. This allowed trains to run along a single line, while the down line was being maintained.

The contractor installed points heating cabinets to prevent the points from freezing over the winter months. These needed power to operate when temperatures went below 5°C.

THE SOLUTION

Cost-effective auto-start power for heating cabinets

We installed a 125 kVA generator with auto-start capabilities. The generator was linked to an industrial thermostat that told the generator to turn on when temperatures fell below 5°C and automatically switch off when temperatures rose again. We put the thermostat away from equipment that gave off heat so readings accurately reflected the

true temperature on the points. We also provided fully bundled fuel tanks, to increase the running time between refuelling, as well as trace heated fuel lines supplied via an RCB protected 240 V supply from the generator. The generator was monitored by our diagnostic software – ARM (Aggreko Remote Monitoring) to ensure it operated in tip-top form.

OUR DIFFERENCE

There's a positive point to everything we do



THE IMPACT

Cost savings through auto-start power to points heating cabinets

By heating the power points the contractor was able to continue the railway maintenance project without disrupting the railway.

On-demand power, provided by our auto-start set-up, saved money on fuel, as the generator turned itself off at the stipulated temperature.