

# Case study 536

## Andrews provide dehumidifier hire for generating plant

Andrews Dehumidifier Hire was recently contacted by one of the country's largest private generating plants, with the client seeking a dehumidification hire solution that could keep their gas turbines in perfect working order.

After being shut down for an extended period of time, vacant power stations are often left exposed to damp conditions, making them vulnerable to corrosion. In order to protect key assets, the client in question was considering dismantling their equipment in order to preserve it. However this was eventually ruled out as a viable option due to the amount of time and money it would likely cost.

In order to prevent the project's budget from spiralling out of control, the client drafted in our drying specialists to provide them with temporary dehumidification equipment and thus dry each of their turbines – protecting them from erosion.

Our experts visited the site to conduct a free site survey, eventually proposing a tailor-made dehumidification solution consisting of five 110V DS40 desiccant dehumidifiers. These were delivered and installed within a few hours of us receiving the enquiry, with each unit dedicated to providing dry air via temporary ducting for each turbine.

Had we not supplied our client with this drying solution, the customer would not have had the flexibility to reopen at such short notice. As it was, our intervention was vital to their business as delays in getting back online would unquestionably have had a big impact on revenue.



Power supply 100V 1 ph 50 Hz Run 19 A  
Noise level (max) 66 dBA @ 1 metre  
Weight 30 kg  
Dimension 450 x 455 x 470 mm  
Control Humidistat option  
Plug type BS4343 100V 32 A  
Average power consumption 2.1 kW/hr  
Generator size 3 kVA



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