

Submersible pump hire preserves output at electric substation

When heavy rainfall in the south of England put an electric substation in potential jeopardy, a quick response was essential to ensuring that more than 50,000 homes retained their power supply. Torrential downpours spanning several weeks had flooded fields and other rural areas surrounding the station itself, with water eventually finding its way on to site.

Our client had a number of 2" submersible pumps in operation but these were struggling to cope with the capacities required to transfer the huge volumes of water that were beginning to submerge parts of the location. After initially hiring a diesel driven Super Wispaset 150 pump from us on the day the issue was reported, the client requested an alternative pump rental solution that would eliminate the need for a fuel tanker to attend site every couple of days.

It was estimated that a temporary pumping arrangement would be required for almost a year, with the potential for huge fuel costs unless a more cost-effective solution could be proposed. Following further discussions with the customer, we replaced the diesel unit with two 4" P3002N electric submersible drainage pumps.

These two pumps were later joined by another pair of P3002N units after it was announced on local news reports that residents should prepare themselves for more floods over the coming days.

On each occasion, our pumps were delivered to site and installed on the same day – such was the urgent nature of the requirement – which helped our client minimise the amount of damage they suffered due to unprecedented levels of rainfall. The pumps remained on a long-term hire and were extremely effective in counteracting the impact of what was a severe flood.

The presence of our pumps on site also played a fundamental role in enabling the customer to raise their offices by more than a foot in height, with this precaution taken to ensure there would be no repeat occurrences further down the line.



Model: P3002 N

Motor type (V): 415 (3-Phase) 50Hz

Motor rating (Kw): 11

Running current: 26 (Amps)

Discharge Spigot: 4" or 6" Bauer

Dimensions (H X W mm): 870 x 393

Weight: 142 Kg (excl cable)



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