

ARTICLE

Mushroom farm eliminates shutdowns with AVC

A major mushroom cultivator based in the Gulf has installed a PCS100 AVC-40 to help eliminate costly shutdowns



Growing premium quality fresh mushrooms in the desert climate has been fraught with challenges in the form of high ambient temperatures, fluctuating humidity and lack of sufficient quantities of raw materials traditionally used for mushroom cultivation. But the company has consistently overcome these challenges by making optimum use of alternate raw materials. It has also learnt how to control the adverse impact of harsh climate conditions through perseverance and consultations with experts. Over the years the company has thus mastered the unique art of growing mushrooms in the desert.

One of the key factors in maintaining quality is ensuring that there is a consistent power supply to keep the growing environment at optimum temperature and humidity. Any fluctuation can be extremely costly.

The PCS100 AVC-40 has now been installed for over 12 months and during this period, the factory experienced over 30 major voltage sags and swells. There was no interruption to the instruments, motors, controllers and building automation systems thanks to the AVC-40

The production manager was very pleased with the results, without the AVC "we would have experienced a lot of inconvenient and costly interruptions to our business,"

To find out more about ABB's power protection solutions:

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Additional information

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