

## Vero Equipment Breakdown Insurance

### Power supply switchover results in UPS failure

#### Loss details

##### Nature of business

Data centre

##### Type of equipment

400 kVa

Uninterruptible Power Supply (UPS)

##### Age of equipment

Approx 25 years

The operator of a data centre was advised by the public utility that their incoming power supply would need to switch over to the second feed that supplied the premises.

The site had 3 Uninterruptible Power Supply (UPS) units set up to provide n+1 redundancy for the smoothing of power fluctuations at the site.

When the primary electricity feed was switched off, the UPS system was engaged to keep supplying clean power to the site until the second feed was switched on again.

At this time, the insulation within a major component of the main power circuit of one of the UPS units failed, resulting in significant arcing and current flow within the overall UPS power distribution system. Failure of the 1st UPS unit resulted in increased loads on the remaining 2 units, taking them offline in overload mode.



Repair costs for the failed unit included additional specialists costs for inspection, travel and labour due to the specialised nature of the equipment.

#### Final loss

**Settlement amount \$174,042**

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