



CASE STUDY

# MEMS KEPT CHRISTMAS POWER COMING

08452 230 400 | [mems.com](https://www.mems.com)

## MEMS SUPPLY POWER FOR LONDON'S WINTER FESTIVAL

Each year the Winter Festival comes to London and transforms the Southbank Centre for the season. Festive Christmas markets stretch along the riverside to Southbank Centre Square, with tasting events offering a chance to sample cheese, chocolate and wine, welcoming thousands of visitors daily.

Previous suppliers of temporary power to the event had left the Southbank Centre with very little confidence. Recent years have seen power failures and issues with independent electrical supply leaving the customer with little support for such a prestigious high profile event. MEMS was asked to quote for the project and after a thorough technical site survey submitted their power solution to the client.

### PROJECT SUMMARY

After a detailed tender evaluation process, the contract was awarded to MEMS. Timing and preparation of equipment were paramount to meet the installation deadline. Our solution was for the project to be run on 3 x 300kVA three-phase generators running in parallel with redundancy thus increasing resilience to the site. Furthermore, the parallel redundancy solution incorporated start on-demand technology, which would prove a more cost-effective solution.

3,000-litre bulk tanks fed each generator individually to ensure resilience with 25 metres of cable ran from each machine to a 1200A distribution board. This enabled us to isolate any machine during the hire period for routine or reactive maintenance while ensuring the site load was not compromised.

From the 1200A distribution board, multiple sub-boards were fed to support each and every ride, shop and catering facility for the entire four-month period.

### THE RESULTS

The Winter Festival ran 24/7 for several weeks successfully without any loss of power as per previous years. Each year the Winter Festival gets bigger and better, and the MEMS team is proud to be a part of its enormous success.

Following previous years' issues from other suppliers, our levels of service and attention to detail put the customer at ease. MEMS service including a full rental solution, inclusive of installation, de-installation, servicing and fuel management from the outset. Positive feedback was received from the client; it's stakeholders and members of the public.

