

Transport

## MEMS power the Metro

Years of under-investment in the Tube has led to a huge programme to renew the world's oldest metro. Metronet Rail is responsible for maintaining, replacing and upgrading all infrastructure on nine of London Underground's Tube lines.

Metronet contacted MEMS Power Generation to provide temporary power supplies at Kings Cross, St Pancras Station. Temporary power was required while the local supply authority transferred the mains incoming power from their temporary office facilities to brand new purpose built offices.

MEMS provided technical advice and Project Managed the entire rental solution.

From the outset MEMS have given us a professional level of service and our confidence in their equipment has given us the peace of mind we were looking for.

We engaged MEMS during the early stages of our site relocation, as it was critical we maintained our electrical supply for the offices, batching plant and welfare facility, to avoid any delay to our construction programme. MEMS were able to provide a robust solution to our problem, which they installed to meet our timeline without any complications. Refuelling was that efficient it went almost unnoticed and the regular servicing of the generators was performed on time every time.

We were so pleased with the service and equipment provided, when we needed a further two standby generators for our new offices we had no hesitation in contacting MEMS. Needless to say, our request was put swiftly into action and our new generators were promptly installed to give us a faultless supply.

### Project Manager, Kings Cross Redevelopment Programme

All generators were supplied with automatic mains failure panels to prevent any business interruptions to these critical sites, 2 x 350kVA generators and a 50kVA generator supplied power to the temporary facilities, while 2 x 500kVA generators powered the new offices.

As with all MEMS rental solutions the generators were monitored via telemetry from their 24hr control room and to increase site awareness to any potential faults klaxon style beacons were added to the lead generators. If a problem was to occur the site attendant would be alerted and could then liaise with the MEMS co-ordinators in the 24hr control room who could if required deploy the necessary response immediately.

In addition to full project management MEMS refuelled the generators on a daily basis and completed all servicing out of normal working hours at the customers convenience throughout the hire period which lasted approximately 15 weeks.