

What's happening?

Best practice at:



Overview:

As part of BCM's Carbon Emission Quantification and Reduction efforts in line with ISO14064-1:2006 (international standard for quantification and reporting of greenhouse gases) BCM have committed to reduce Greenhouse Gas (GHG) Emissions through amongst other initiatives, using more efficient energy supply systems.

One of the key issues identified was the use of on-site generators which are highly energy inefficient and have other inherent environmental problems such as noise and fuel storage risks.

When starting KO1 work, options for more efficient energy supplies where assessed and implemented

To run the welfare at Murphy's yard a 70 – 100Kva generator would have been required



The generator would have burned approximately 25 897 litres of fuel (conservative estimate) over a year – this fuel would also have required transport to site and on site storage.

Benefits:

- Less noise and reduced spillage risks
- Breakeven cost point is reached within about 5 months (initial outlay for mains electricity is high)
- This provides real support to the cost efficiency required by Network Rail and subsequently BCM during control period 4 & 5, whilst achieving environmental goals and objectives
- Supports BCMs Achilles carbon reduction commitments

Meeting our objectives & target:

