

Particulate Matter from Energy Recovery Facility (ERF), 400 times lower than UK air quality objective

The diagram shows the background levels of PM at each location from different sources, including the ERF.

The new ERF will be one of the safest and cleanest in the country. It will be built with the world's most advanced technology for cleaning and controlling emissions. For the large majority of the year its contribution is expected to be effectively zero at ground level and the predicted concentrations are well below the limits of detection. It would only be for a few hours in a year that its contribution would be measurable. The levels shown at the locations in the diagram indicate what the peak contributions of the ERF would be for a few hours in a year.

Even at the peak level of PM from the ERF, this is only 0.52% of local air quality concentrations, compared to long range sources which are responsible for 76.13% of PM concentrations. It is over 400 times lower than the UK air quality objective.

