

# Benefits of an EfW at the site

## Chieveley Energy from Waste

### Benefits of an EfW at the Old Kiln Quarry site

The energy from waste process:

- is compatible with and complementary to high levels of recycling
- minimises exposure to continually increasing Landfill Tax – projected to reach £72 per tonne in April 2013
- provides sustainable solutions for both waste management and energy production
- meets Landfill Directive requirements by diverting waste from landfill
- reduces the amount of methane gas generated by landfill sites
- displaces CO<sub>2</sub> produced by the burning of conventional fossil fuels
- reduces reliance on non-renewable energy sources
- reduces strategic dependence on imported energy sources
- helps local authorities meet their landfill diversion targets and avoid significant fines of £150/tonne arising from non-compliance.

The proposed facility would offer the following community benefits:

- processing of 350,000 tonnes of waste generating approximately 30MW sustainable electricity for distribution via the National Grid. This would be enough to power 50,000 homes which is approximately 90% of households in West Berkshire
- potential for heat recovered from the combustion process to be provided directly to local homes and nearby commercial/industrial developments (e.g. MOTO services, Newbury Show Ground...)
- significant reduction in unnecessary HGV movements across the county to alternative EfW and other treatment facilities
- creation of 40-50 permanent jobs, with hundreds more direct and indirect jobs during the construction phase
- direct and indirect boost to the local economy (e.g. through staff employed on the site and those visiting the site purchasing goods locally)
- The Coalition Government has set out in its Programme for Government that it will “allow communities that host renewable energy projects to keep the additional business rates they generate.” If this is implemented this would lead to considerable financial benefit for the local community.



By Appointment to  
Her Majesty The Queen  
Waste Management  
Grundon Waste Management Ltd  
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