

Number of plants: 22
Average capacity: 18 t/h
Quantity treated 2004: 873.000 t



**Great Britain
General Information**

| Location | Name of Plant Web-site | Address of Plant |
|------------------------|---|---|
| Bexley, London | Bexley www.coryenvironmental.co.uk | |
| Billingham | Teeside EfW Plant | Haverton Hill Road, Billingham, Teesside TS23 1PY |
| Birmingham | Tyseley Waste Disposal Ltd www.onyxgroup.co.uk | James Road, Tyseley B11 2AB |
| Bolton | Bolton Thermal Recovery Facility www.gmwaste.co.uk | |
| Chineham | Chineham www.onyxgroup.co.uk | Integra North ERF, Whitmarsh Lane, Chineham, Basingstoke RG24 8LL |
| Colnbrook | Lakeside Energy from Waste Ltd. | Lakeside Rd, Colnbrook Berkshire |
| Coventry | Coventry & Solihull www.cswdc.co.uk | Bar Road CV3 4AN COVENTRY |
| Douglas (Isle of Man) | Douglas (Isle of Man) www.sita.co.im | Richmond Hill, Douglas, Isle of Man IM4 1JH |
| Dudley | DUDLEY www.mes-e.co.uk | Lister Road DY2 8JT DUDLEY - West Midlands |
| Dundee | Dundee | |
| Grimsby | Grimsby | |
| Huddersfield | Kirklees www.sita.co.uk | |
| London | SELCHP www.selchp.com | Landmann Way, Off Surrey Canal Road, Deptford SE14 5RS |
| London | Edmonton www.londonwaste.co.uk | Angel Road, Edmonton N18 3AG |
| Maidstone | Kent www.kentenviropower.com.uk | |
| Marchwood, Southampton | Marchwood ERF www.onyxgroup.co.uk | Integra South West ERF, Oceanic Way, Marchwood Industrial Park, Normandy Wa SO40 4BD Marchwood, Southampton |
| Nottingham | Eastcroft Energy from Waste Facility www.wrg.co.uk | Incinerator Road, Off Meadow Lane NG2 3AF |
| Portsmouth | Portsmouth ERF www.onyxgroup.co.uk | Integra South East ERF, Quartremain Road PO3 5QH Portsmouth |
| Sheffield | Onyx Sheffield ERF www.onyxsheffield.co.uk | Bernard Road S4 7YX Sheffield |
| Shetland Islands | Lerwick Energy Recovery Plant www.shetland.gov.uk | Greenhead ZE1 0NT Lerwick |

Great Britain**General Information**

| Location | Name of Plant Web-site | Address of Plant |
|-----------------|--|--|
| Stoke on Trent | Stoke on Trent www.mes-e.co.uk | Campbell Road, Sideway ST4 4DX Stoke-on-Trent |
| Wolverhampton | Wolverhampton www.mes-e.co.uk | Crown Street WV1 1QB WOLVERHAMPTON - West Midlands |

Great Britain

Technical Information on the Plant

| Location | Line No. | Establ. Year | Closure Year | Capac. t/h | Nom CV GJ/t | Furnace | | Boiler | | Steam Data oC/bar | Hours of Operat.2004 |
|------------------------|----------|--------------|--------------|------------|-------------|-------------|----------------|-----------------------|-------------------------------|-------------------|----------------------|
| | | | | | | Type | Supplier | Type | Supplier | | |
| Bexley, London | 1 | | | | | | | | | | |
| Billingham | 1 | maj-98 | 2020 | 14 | 10 | Fixed | Ansaldo Volund | Steam | Ansaldo Volund | 400°C | 7642 |
| | 2 | maj-98 | 2020 | 14 | 10 | Fixed | Ansaldo Volund | Steam | Ansaldo Volund | 400°C | 7466 |
| Birmingham | 1 | | | | | | | | | | |
| Bolton | 1 | | | | | | | | | | |
| Chineham | 1 | 2003 | | 12 | | | | | CNIM | | |
| Colnbrook | 1 | | | | | | | | | | |
| Coventry | 1 | 1975 | | 12 | | | | | martin grate / babcock boiler | 208 / 17.5 | |
| | 2 | 1975 | | 12 | | | | | martin grate / babcock boiler | 208 / 17.5 | |
| | 3 | 1975 | | 12 | | | | | martin grate / babcock boiler | 208 / 17.5 | |
| Douglas (Isle of Man) | 1 | 2004 | 2029 | 8,25 | 10700 | Moving Gra | Babcock | S | Babcock | 400/40 | |
| | 2 | 2005 | 2029 | 1 | 8,5 | Steppe d He | Techtrol | S | Techtrol | 400/7 | |
| Dudley | 1 | | | | | | | | | | |
| Dundee | 1 | 2000 | 2025 | 8 | 10 | FB | Kvaerner | S | Kvaerner | 400C/ 40ba | |
| | 2 | 2000 | 2025 | 8 | 10 | FB | Kvaerner | S S 40bar 40 | Kvaerner | 400C/40bar | |
| Grimsby | 1 | | | | | | | | | | |
| Huddersfield | 1 | apr-02 | | 17 | 9 | Moveable | Lurgi | Steam | Lurgi | 400/41 | 8116 |
| London | 1 | 1970 | | 15 | 9,5 | R | VKW | S | Yarrow | 415/43 | 7796 |
| London | 1 | 1994 | | 29 | 8,5 | M | Martin | S | CNIM | 395/46 | |
| London | 2 | 1970 | | 15 | 9,5 | R | VKW | S | Yarrow | 415/43 | 7453 |
| London | 2 | 1994 | | 29 | 8,5 | M | Martin | S | CNIM | 395/46 | |
| London | 3 | 1970 | | 15 | 9,5 | R | VKW | S | Yarrow | 415/43 | 6734 |
| | 4 | 1970 | | 15 | 9,5 | R | VKW | S | Yarrow | 415/43 | 5031 |
| | 5 | 1970 | | 15 | 9,5 | R | VKW | S | Yarrow | 415/43 | 7317 |
| Maidstone | 1 | | | | | | | | | | |
| Marchwood, Southampton | 1 | 2004 | | 22 | | | | | CNIM | | |
| Nottingham | 1 | 1973 | | 10 | 9,5 | F | | S | Head | / | |
| | 2 | 1973 | | 10 | 9,5 | | | | Head | / | |
| Portsmouth | 1 | 2005 | | 22 | | | | | CNIM | | |
| Sheffield | 1 | 2006 | | 29 | | | | | CNIM | | |
| Shetland Islands | 1 | 2000 | 2025 | 3,3 | 9,5 | M | FLS Miljo | VWV | Danfoss | | 7765 |
| Stoke on Trent | 1 | 1997 | | 12 | 9,2 | Grille typ | MARTIN Gmbh | verticale | CNIM SA France | 395° C, 45 | |
| | 2 | 1997 | | 12 | 9,2 | Grille typ | MARTIN Gmbh | verticale | CNIM SA France | same | |
| Wolverhampton | 1 | 1998 | | 7 | 9,2 | Grille typ | MARTIN Gmbh | verticale | CNIM SA France | 355°C, 45 | |
| | 2 | 1998 | | 7 | 9,2 | Grille typ | MARTIN Gmbh | verticale | CNIM SA France | same | |

Great Britain

Technical Information on the Plant

| Location | Line No. | Flue Gas Cleaning System | ESP | | Flue Gas Cleaning | | Flue Gas Temp., °C |
|------------------------|----------|--|------|---------------------------|-------------------|----------------------------------|--------------------|
| | | | Year | Supplier | Year | Supplier | |
| Bexley, London | 1 | | | | | | |
| Billingham | 1 | SD, FF | - | None | 01-maj | F.L.S. Miljo | 130°c |
| | 2 | SD, FF | - | None | 01-maj | F.L.S. Miljo | 130°c |
| Birmingham | 1 | | | | | | |
| Bolton | 1 | | | | | | |
| Chineham | 1 | | | | | | |
| Colnbrook | 1 | | | | | | |
| Coventry | 1 | DRY Scrubbing with fabric filter | | | 1996 | SAS Procedair | 140 |
| | 2 | dry scrubbing with fabric filter | | | 1996 | SAS Procedair | 140 |
| | 3 | dry scrubbing with fabric filter | | | 1996 | SAS Procedair | 140 |
| Douglas (Isle of Man) | 1 | SD | | | | Seghers | |
| | 2 | SD | | | | Seghers | |
| Dudley | 1 | | | | | | |
| Dundee | 1 | DRY | 2000 | N/A | 2000 | Procedair | 145C |
| | 2 | DRY | 2000 | N/A | 2000 | Procedair | 145C |
| Grimsby | 1 | | | | | | |
| Huddersfield | 1 | Semi Dry; SNCR deNox, Urea injection, bagfilters | | N/A | 2002 | BHS Cincenatti, Lurgi and Others | 140 |
| London | 1 | ESP/SD/FF | 1970 | peabody sturgevant | 1994 | Procedair | 140 |
| London | 1 | SD | | | | CNIM | 150 |
| London | 2 | ESP/SD/FF | 1970 | peabody sturgevant | 1994 | Procedair | 140 |
| London | 2 | SD | | | | CNIM | 150 |
| London | 3 | ESP/SD/FF | 1970 | peabody sturgevant | 1994 | Procedair | 140 |
| | 4 | ESP/SD/FF | 1970 | peabody sturgevant | 1994 | Procedair | 140 |
| | 5 | ESP/SD/FF | | | | Procedaire | 140 |
| Maidstone | 1 | | | | | | |
| Marchwood, Southampton | 1 | | | | | | |
| Nottingham | 1 | DRY + FF | | | | ABB | 130 |
| | 2 | DRY + FF | | | | ABB | 130 |
| Portsmouth | 1 | | | | | | |
| Sheffield | 1 | | | | | | |
| Shetland Islands | 1 | wet | 2000 | Hammond Research Cottrell | 2000 | Hammond research cottrell | 100 |
| Stoke on Trent | 1 | semi dry flue gas cleaning process | | | 1997 | CNIM SA France | 135° C |
| | 2 | same | | | 1997 | CNIM SA france | 135° C |
| Wolverhampton | 1 | semi dry flue gas cleaning process | | | 1998 | CNIM SA France | 140° C |
| | 2 | semi dry flue gas cleaning process | | | 1998 | CNIM SA France | 140° C |

**Great Britain
Operational data, 2004**

| Location | Total Incinerated Waste Quantity | | | | | | | Aux. Fuels |
|---------------------------|----------------------------------|-----------------------|---------------------------------------|--------------------------|--------------------|-------------------------------|--------------------------------|---|
| | Total (tonnes) | Household (tonnes) | Commercial /Industrial (tonnes) | RFD, Pellets (tonnes) | Sludge (tonnes) | Hospital Waste (tonnes) | Other (Specify) (tonnes) | O: Oil (l) G: Gas (Nm3) B: Biomass (t) S: Sundry (spec.) |
| Bexley, London | | | | | | | | |
| Billingham | 230361 | - | - | - | - | - | - | O:256568 |
| Birmingham | | | | | | | | |
| Bolton | | | | | | | | |
| Chineham | | | | | | | | |
| Colnbrook | | | | | | | | |
| Coventry | | | | | | | | |
| Douglas (Isle of Man) | | | | | | | | |
| Dudley | | | | | | | | |
| Dundee | | | | | | | | |
| Grimsby | | | | | | | | |
| Huddersfield | 135814 | - | - | - | - | - | - | O:410173 |
| London | | | | | | | | |
| London | 485111 | | | 0 | 0 | | | O:173400 G:13619 |
| Maidstone | | | | | | | | |
| Marchwood, Southampton | | | | | | | | |
| Nottingham | | | | | | | | |
| Portsmouth | | | | | | | | |
| Sheffield | | | | | | | | |
| Shetland Islands | 21511 | 17702 | 3793 | | | 16 | | O:23000 |
| Stoke on Trent | | | | | | | | |
| Wolverhampton | | | | | | | | |

**Great Britain
Operational data, 2004**

| Location | Residues | | Energy Produced | | | Energy Sold | | |
|---------------------------|------------------------|---------------------------|-------------------|----------------------|---------------|-------------------|----------------------|---------------|
| | Bottom Ash (tonnes) | Flue Gas Res. (tonnes) | Steam (tonnes) | Electricity (MWh) | Heat (MWh) | Steam (tonnes) | Electricity (MWh) | Heat (MWh) |
| Bexley, London | | | | | | | | |
| Billingham | 66642 | 7446 | - | 155579 | - | - | 142360 | - |
| Birmingham | | | | | | | | |
| Bolton | | | | | | | | |
| Chineham | | | | | | | | |
| Colnbrook | | | | | | | | |
| Coventry | | | | | | | | |
| Douglas (Isle of Man) | | | | | | | | |
| Dudley | | | | | | | | |
| Dundee | | | | | | | | |
| Grimsby | | | | | | | | |
| Huddersfield | 31637 | 5397 | - | 85824 | - | - | 74823 | - |
| London | | | | | | | | |
| London | 118767 | 17201 | 1311928 | 262442 | N/A | N/A | 222442 | N/A |
| Maidstone | | | | | | | | |
| Marchwood, Southampton | | | | | | | | |
| Nottingham | | | | | | | | |
| Portsmouth | | | | | | | | |
| Sheffield | | | | | | | | |
| Shetland Islands | 4936 | 403 | | | | 51459 | | 51459 |
| Stoke on Trent | | | | | | | | |
| Wolverhampton | | | | | | | | |

