

INFORMATION NOTE

Accessing Energy and Water Consumption Data for Army and Army Supported Sites Number: IN 08/07

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Who Should Read this: Energy Managers, MOD military and civilian staff and contractors involved in energy management	
When it takes effect: 15 Aug 2007	When it is due to expire: 15 Aug 2008

Document Aim: This information note details how to access energy and water consumption data held by the Army, for Army and Army-supported sites.

1. Recent business cases have not in every instance used up-to-date energy and water consumption figures for Army (and Army-supported) sites. To help future cases, this Information Note details how to access up-to-date management information.
2. Monthly energy and water consumption data is captured by the Army Infrastructure Organisation (AIO), using data collected as part of the utility bill verification process. This data is held in a database with access available to standard reports via the AIO website. Data is available at individual site level or consolidated by Army formations.
3. Domestic utility bills for Army and Army-supported sites in the UK are validated by Accommodation Services Units (ASUs), using a purpose written IT system (ACCOMMODATE). Part of this validation process requires a check that the number of units consumed or delivered matches that being billed. Army Material Regulations (Mat Regs) require Commanding Officers/Heads of Establishment to complete a monthly accounting return, verifying their consumption of domestic utilities. These returns, known as Army Form AF F727, are collated by ASUs to provide a monthly summary of energy and water consumption by Site (defined by DE Spec 024 Establishment Code), known as the 'Envoy' return. Envoy Returns are sent to AIO's Utilities and Sustainable Development (U&SD)¹, where they are entered into a purpose written database (UMIS). Envoy returns are also received from UKSC(G) (Germany) and Army Overseas Establishments.
4. The UMIS database utilises the ORACLE Discoverer tool to provide a web-based reporting system. Pre-defined reports are available on the AIO U&SD website, which can be run by anyone with access to LANDWeb. Reports can be found at

¹ Formerly the Army Utilities Management Branch, AUMB

<http://www.land.army.r.mil.uk/landc/aio/Utilities%20and%20SD/aumb/reports/UMIS%20Viewer.htm>, or navigated to via Defence Net, Army Portal, Land Command menu – HQ LAND, Regional Forces menu – AIO, Utilities and Sustainable Development, Utilities, Databases, UMIS Viewer.

5. Within the UMIS Viewer page, the 'Public Reports' button brings up the current list of pre-developed reports. Further reports can be developed if required, please contact AIO U&SD D Reports (Mike Handsley) with your requirements.
6. The database holds energy consumption data for all Army Sites, as well as data for a limited number of non-Army sites in the UK where utility bills are processed by ASUs. Data is held in original units (kWh, litres, tonnes, etc) as appropriate, with conversions available to kWh or tonnes carbon/CO₂.
7. Water consumption data is held for non-AQUATRINE sites, but is not currently available for sites supplied by AQUATRINE.
8. It is planned to expand the UMIS database in future to capture data on other Sustainable Development areas, e.g. waste arisings & recycling.
9. The UMIS database does not hold half-hourly electricity/gas profiles; these are available through the ImServe Energy Datavision (EDV) facility (see ImServ Information Note (to be issued later)).