

National Oil Reserves Agency Annual Energy Report 2012

Overview of Energy Usage in 2012

The main energy use at the National Oil Reserves Agency in 2012 was at

- The NORA office building at 7 Clanwilliam Square and
- The NORA oil storage facility at Ringsend.

Nearly two-thirds of the energy consumption in our office building is for space heating and hot water. Energy efficiency at our office was improved by upgrading electronic space and water heating management systems as recommended by SEAI and by improving behavioural awareness of energy conservation. Energy spend in 2011 was 16.5 MWh, costing €2,900 and resulting in Green House Gas (GHG) emissions of 8.6 tonnes. This was reduced to 12.85 MWh in 2012 resulting in savings of €640.00 and reduction of GHG emissions of 1.9 tonnes.

NORA's Ringsend oil storage facility is for the storage of emergency oil stocks only, and is therefore not operational in terms of stocks movements on a daily basis. Energy consumption is for occasional office use – heating, lighting and office equipment and also outdoor lighting, security and communications equipment and occasional product pump use. In 2012 the terminal consumed 12MWh of electricity costing €4800 and resulted in 6.0 tonnes of GHG emissions. A Third Party audit of energy consumption was carried out by SEAI in 2012 and concluded that energy management at the facility is at the highest practicable level of efficiency.

Addition energy consumption occurred at NORA's oil terminal at Tarbert, Co. Kerry, which commenced operation in late 2012 and consumed approximately 5.5 MWh of electricity resulting in approximately 2.75 tonnes of GHG emissions.

Energy Management Obligation in 2012.

In 2012 NORA met its Public Body Energy Management obligations under S.I. 542 2009. NORA progressed the Energy Management Program by continuing to participate in SEAI's public sector Advice, Mentoring & Assessment (AMA) programme .

Energy Management actions undertaken in 2012.

In 2012, NORA continued to improve our energy performance by ;

- Displaying an Energy Management Policy Statement on the NORA website,
- Nominating an Energy Manager
- Organising SEAI to conduct an assessment of our energy consumption our terminal in Ringsend.
- Making the practical, technical and behavioural adjustments necessary to deliver a reduction in energy spend,
- Completing the SEAI training workshop on Public Bodies' Energy Consumption Monitoring and Reporting process,
- Establishing and reporting Organisation Activity Metrics using SEAI M & R spreadsheet tool,
- Continuing to implement the Energy Management Plan to record, monitor and manage energy consumption.