

EVENING LECTURE AND SITE VISIT TO WHITEGATE INDEPENDENT POWER PLANT

**Joint Event
Energy and Environment Division and Cork Region**

Date: Tuesday 23rd March 2010

Time: Lecture commences 16:00 (sharp) & Site tour at 17:00

Venue: Whitegate Independent Power Plant Site Offices

**Speakers; Brian Sheehan – Bord Gáis Networks
 Declan Lynch – Bord Gáis Investments**

In 2007, Bord Gáis Energy started construction on a €400 million state-of-the-art 445 MW combined cycle gas turbine power plant at Whitegate Co. Cork, which is now nearing completion. The plant will be fuelled by natural gas and will be one of the most efficient power stations on the island with efficiencies of up to 58%, thus contributing to reducing the proportion of greenhouse gas emissions per Megawatt (MW) of electricity generated in Ireland. The Plant will support the Bord Gáis dual fuel energy offering and increase the installed capacity for electrical generation in Ireland providing power for up to 400,000 homes. The natural gas fuel supply infrastructure for the Whitgate Power plant is being provided by Bord Gáis Networks as part of the East Cork Pipelines Project, which consists of four geographically grouped pipeline projects in the east Cork region including; natural supply to Whitegate IPP and Aghada CCGT, reinforcement of gas supply to Cork city, and gas supply to Conoco Philips Whitegate.

For further information please contact;

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Brian Cunningham – Cork Region (bcunningham@bamcontractors.ie)

SPEAKER PROFILES

Brian Sheehan

Brian Sheehan is a Construction Manager with the Transmission Development section of Bord Gáis Networks. He holds a degree in Mechanical Engineering from the University of Limerick and a Diploma in Applied Project Management from the Institute of Project Management of Ireland. He is a member of Engineers Ireland. Brian was the Construction Manager for Bord Gáis Networks on the East Cork Pipeline Project in 2008 and the Curraleigh West to Middleton Pipeline Project in 2009. Both these pipeline systems were required to supply gas to the new CCGT plants at the ESB facility in Aghada and the Bord Gáis Strategic Investments facility at Whitegate.

Declan Lynch

Declan Lynch is a senior project engineer with the Power Generation group within the Bord Gáis Energy Strategic Investments division. He holds a HND in Marine and Plant Engineering, a Diploma in Business Studies with the IMI, a degree and masters degree in business studies with CIT. He is a member of Engineers Ireland. Declan spent 10 years working as a marine engineer in the merchant navy, joining Bord Gáis in 1999 as Operations and Maintenance Manager for the BG Cogen (Combined Heat and Power) group. Since 2005, he has been involved in the development and project management of the 450 MW Whitegate Independent Power Plant (WIPP).