

# Single Electricity Market

## **2008 All-Island Fuel Mix Disclosure**

Information Note

5 February 2010

SEM-10-004

## Purpose

This document sets out the 2008 fuel mix and CO<sub>2</sub> emissions for suppliers licensed in Ireland and Northern Ireland and operating in the Single Electricity Market (SEM) as calculated in accordance with [SEM-09-081](#) *Interim Arrangements: Fuel Mix Disclosure in the SEM*.

In Table A below each supplier's fuel mix figures are listed by fuel type for 2008. The all-island<sup>1</sup> fuel mix is also indicated for comparison. Note that each percentage figure is rounded to the nearest percentage point in Table A. In Table B, the kilograms of CO<sub>2</sub> per MWh of electricity supplied are given for each supplier as well as an overall figure representative of the All-island electricity market.

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<sup>1</sup> 'All-island fuel mix' refers to the combined mix of electricity supplied in Ireland and Northern Ireland, including imports and generation operating out of market in Ireland and Northern Ireland.

Table A

Supplier	Coal	Oil	Gas	Peat	Renewables	Other	Unattributable
Airtricity	4.7%	0.9%	16.3%	1.7%	69.1%	0.1%	7.2%
Airtricity (NI)	10.8%	2.2%	37.4%	4.0%	45.4%	0.3%	0.0%
Bord Gais	18.0%	3.6%	63.4%	6.7%	7.8%	0.5%	0.0%
Bord Gais (NI)	19.0%	3.8%	66.1%	7.1%	3.4%	0.5%	0.0%
ESB CS	17.4%	3.5%	60.5%	6.5%	11.6%	0.5%	0.0%
ESB IE	18.5%	3.7%	64.3%	6.9%	6.1%	0.5%	0.0%
ESB IE (NI)	18.7%	3.8%	65.2%	7.0%	4.8%	0.5%	0.0%
Energia	18.5%	3.7%	64.3%	6.9%	6.2%	0.5%	0.0%
Viridian Energy Supply Ltd	17.7%	3.6%	61.5%	6.6%	10.3%	0.5%	0.0%
NIE	18.6%	3.8%	64.8%	5.3%	7.8%	0.5%	0.0%
Aughinish Alumina	19.0%	3.8%	66.1%	7.1%	3.4%	0.5%	0.0%
ESB Pgen	19.0%	3.8%	66.1%	7.1%	3.4%	0.5%	0.0%
CHP Supply	19.0%	3.8%	66.1%	7.1%	3.4%	0.5%	0.0%
Dan Twomey Waterpower	19.0%	3.8%	66.1%	7.1%	3.4%	0.5%	0.0%
Quinn	19.0%	3.8%	66.1%	7.1%	3.4%	0.5%	0.0%
Quinn Windfarm Ltd	19.0%	3.8%	66.1%	7.1%	3.4%	0.5%	0.0%
Slievreagh Power Ltd	19.0%	3.8%	66.1%	7.1%	3.4%	0.5%	0.0%
Vayu	19.0%	3.8%	66.1%	7.1%	3.4%	0.5%	0.0%
<b>All Island</b>	<b>17.4%</b>	<b>3.5%</b>	<b>60.6%</b>	<b>6.5%</b>	<b>11.2%</b>	<b>0.5%</b>	<b>0.3%</b>

**Table B**

Supplier	tCO <sub>2</sub> /MWh
Airtricity	0.142
Airtricity (NI)	0.330
Bord Gais	0.554
Bord Gais (NI)	0.581
ESB CS	0.532
ESB IE	0.565
ESB IE (NI)	0.573
Energia	0.565
Viridian Energy Supply Ltd	0.542
NIE	0.570
Aughinish Alumina	0.581
ESB Pgen	0.581
CHP Supply	0.581
Dan Twomey Waterpower	0.581
Quinn	0.581
Quinn Windfarm Ltd	0.581
Slieveveagh Power Ltd	0.581
Vayu	0.581
<b>All Island</b>	<b>0.533</b>