

Larkfield Demesne,  
Gaybrook,  
Mullingar,  
Co. Westmeath

Email: jerwaugh@yahoo.co.uk

Tel.: 086 8355236

Freedom of Information Officer,  
Sustainable Energy Authority of Ireland,  
Wilton Park House,  
Wilton Place,  
Dublin 2

2<sup>nd</sup> October 2010

Dear Sir/Madam,

I wish to make a request under the European Communities (Access to Information on the Environment) Regulations 2007 (S.I. 133 of 2007) for the environmental information held by SEAI relating to reductions in CO<sub>2</sub> emissions in the electricity generation sector from 1990 to date.

The SEAI Report entitled "**Energy in Ireland – Key Statistics 2009**" (published December 2009) stated "*The reason for the increase in efficiency and the decrease in CO<sub>2</sub> emissions is the result of higher efficiency natural gas plants and the increase in production from renewable sources. The closure of old peat fired stations has also contributed in recent year.*"

The following table was also produced to illustrate the decrease in carbon intensity.

### Electricity Supply - Efficiency and CO<sub>2</sub> Intensity

	Electricity Supply							Increase %	
	1990	1995	2000	2005	2006	2007	2008	'90-'08	Per annum '90-'08
<b>Efficiency (%)</b>	33.2%	33.5%	35.6%	40.9%	41.6%	43.3%	42.4%	27.4	1.4
<b>Intensity (g CO<sub>2</sub>/kWh)</b>	896	861	771	636	601	563	581	-35.1	-2.4

In particular I require the following information from SEAI.

1. The reduction in CO<sub>2</sub> intensity (if any) in electricity generation per year from 1990 to date from the following sources and the percentage each contributed to the annual decrease:
  - a. Coal
  - b. Peat
  - c. Oil
  - d. Natural Gas
  - e. Hydro
  - f. Wind
  - g. Imports
  
2. The CO<sub>2</sub> abatement cost per source per year (EUR/t) and the methodology/assumptions used to determine this cost.

I would be grateful if you could respond to my request via email.

If you have any queries or require any clarification to my request then please do not hesitate to contact me.

Yours sincerely,

---

Jerry Waugh