

Permit Reference Number: BX8289JW

Operator: Princes Ltd

Installation: Princes Soft Drinks - Cardiff

Form Number: E1

Reporting of Energy Usage for the year2014.....


Energy Source	Energy Usage		CO ₂ Produced (tonnes)
	Quantity	Primary Energy (MWh)	
Electricity *	MWh 4175.575	10021.38	1663.549
Natural Gas	MWh 6859.401	6859.40	1303.286
TOTAL	MWh 11034.976	16880.78	2966.835

* Conversion factor for delivered electricity to primary energy =delivered electricity to primary multiply by 2.4 (from 2010)
delivered electricity in kWh to kg CO2 multiply by 0.166

Year	Trends in Energy Usage Parameter		CO ₂ / finished product (t)
	Primary Energy usage	CO ₂ produced	
2007	17782		0.041
2008	18863		0.041
2009	23938	2046	0.042
2010	25430	2458	0.043
2011	21938	2503	0.041
2012	15431	2718	0.039
2013	16795	2951	0.017
2014	16885	2961	0.018

Operator's comments:

Following on from the site inspection on 8th September 2014, a review of the energy usage was carried out. The electrical energy meter reading was 4175575kWh = 4175.575MWh multiplied by 2.4 = 10021.38 multiplied by 0.166 = 1663.549. The meter reading is 5MWh less than reported previously, the only explanation for this is human error on calculating the results. Attached is a copy of the weekly and monthly electrical energy usage for the plant, this will be used going forward in raising awareness of energy usage on site.

Signed 
(Authorised to sign as representative of the Operator)

Date.....28/9/15.....