CRC Energy Efficiency Scheme

Annual Reporting Screenshots and Worked Example







Slides 3-4 Summary Information

Slides 5-23 screenshots of Annual Report submission with explanatory text

Slides 24-41 Worked Example of Annual Report submission with screenshots

Annual Report Summary' example document



Summary

- Every participant in the CRC Scheme must submit an Annual Report each year by the last working day in July following each annual reporting year unless you have claimed a group or general CCA exemption.
- The report is a summary of your organisations emissions from 'CRC supplies'. You will have calculated which are your CRC supplies in your footprint report.
- The energy supply data that you enter into your annual report will be converted into CO₂ emissions by the registry.
- The annual report is submitted online via your CRC registry account which you access using your government gateway username and password.
- DO NOT START YOUR ANNUAL REPORT UNTIL YOU HAVE COMPLETED YOUR FOOTPRINT REPORT AS YOU WILL NEED INFORMATION FROM THE FOOTPRINT REPORT TO ENABLE YOU TO SUBMIT YOUR ANNUAL REPORT CORRECTLY.
- INSERT ALL FIGURES AS WHOLE NUMBERS (THE REGISTRY DOES NOT ACCEPT DECIMALS).



What is this document for?

- The following slides provide screen shots of what you will see when you submit your annual report.
- Explanatory text is also provided to help you ensure that you enter your figures correctly.
- Please note in this presentation, where we refer to screens we are describing screens on the CRC registry. When we refer to slides we are describing slides in this document.
- We suggest that you take 'screen shots' as you enter your data and keep these in your records.

Helpful hint: To take screenshots you just click the 'CTRL' and 'Print Screen' button on your keyboard. You then paste that screen shot into a document which you can then save.

Please remember that in your annual report supplies are entered in <u>kWh</u> not <u>MWh</u>.



Account Homepage



Phase 1





Introduction

ronment

SEPÂ DFM Environment NIE A Northern Ireland Agency Laura | Sign O 17 Home Annual Report **CRC Energy** -ENERGY Efficiency Scheme FEEICIENCY Introduction Phase -SCHEME We recommend that before you submit your annual report you refer to the "Annual Report" . Phase 1 quidance. This can be found on the CRC webpages. Related Information Compliance . Every participant, other than those with a group or a general CCA exemption, must submit Obligations What's new an annual report. The deadline for submitting your report is the last working day in July. If you think that you have submitted an incorrect report you can re-submit one at any time Guidance Submit Annual before the deadline and the most recent report submitted will be considered to be the Report final version You must purchase and surrender sufficient allowances to cover the total CRC emissions that you are declaring in this annual report, except in year 1 (2010/11) when there is no surrender obligation. Please note the following: For year 1 of a phase complete your footprint report before completing your annual report as you will need some of the information from the footprint report to complete vour annual report. Where a screen asks you for information on supplies you should enter a value which relates to the entire participant organisation. · Where information is required which relates specifically to any SGUs that you have registered, this will be specified. Do not include excluded supplies, any supplies to undertakings for which you hold member CCA exemptions, EUETS supplies (other than electricity) or CCA excluded supplies. CCA excluded supplies are where there is no CCA member exemption but a CCA is held You can save your information and exit at any stage but you must complete and submit your report before the deadline. · Before submitting your annual report you must inform us of any designated changes that took place in the year for which you are submitting your annual report or any SGUs that have ceased trading. If you have not informed us yet, please do so immediately as it will affect your ability to report correctly. Cancel Next

Please read all the explanatory text on the registry screens carefully. This will help you successfully complete your annual report.

Reporting Year

Environ Agency	ment SEPARA	Northern Ireland Environment Agency	DEMO	
HomeCRC Energy Efficiency Scheme•Phase•Phase 1•Compliance Obligations•Submit Annual Report•	Reporting Year Required fields are marked with * Reporting Year Select the year for which the annual report applies. Please note annual reports should be submitted for th just passed. e.g. if you are submitting an annual report report for 2010/11. Year *	e annual reporting year which has tin July 2011 this is the annual Cancel Previous Next	Laura Sign ERECT EFFICIENCY SCHEME Related Information • What's new • Guidance	1
On this sc from the d reporting y your annua	reen please select rop down box the rear you are submitting al report for.	Home CRC Energy Efficiency Scheme Phase Phase Phase Phase Obligations Obligations Submit Annual Report	Soutish Environment Protection Agency Reporting Year Required fields are marked with * Reporting Year Select the year for which the annual report appl Please note annual reports should be submitting an annuar report for 2010/11. Year * Please Select	ies. al report in July 2011 this is the annual

DEM

CRC

Related Information What's new Guidance

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ENERGY

EFFICIENCY SCHEME



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CCA Exemption Status

Envi Ager	roni icy	nent SEPARA Northern Ireland Scottish Environment Protection Agency	DEMO		
			Laura <u>Sigr</u>		
Home		CCA Exemption Status			
CRC Energy Efficiency Scheme	•				
Phase	-	CCA Exemption Status	SCHEME		
Phase 1	•	If your CCA status has changed during the reporting year (up to 31 March) you must tell us by selecting the appropriate phase on your homepage and then following the link to Related Inform			
Compliance Obligations	•	The changes we need to know about are:	▶ What's new		
Submit Annual Report	•	 the loss of a CCA, withdrawal from a CCA, 	• Guidance		
		 If you enter into a new CCA during the phase, or an existing CCA is modified so that more of your CPC emissions are covered by it 			
		You can complete your annual report but we may need to make adjustments which will take effect in the following year.			
		Cancel Save Previous Next			

You should have entered your correct CCA exemption status while you were submitting your footprint report. If your CCA status changes after the 2010/2011 reporting year please advise us of these changes via the link from the registration menu within your account facility.



ROCs, FITs and EGCs

- You will need to collect information on the number of Electricity Generating Credits (EGC's) you may be eligible to claim if you own or operate an electricity generating process using either a non renewable feedstock or a renewable feedstock (as long as Renewable Obligation Certificates (ROCs) for a feed-in tariff (FIT) are not claimed).
- You will not be eligible for EGCs if the electricity is generated at an EU ETS installation, a nuclear power station or a hydro-generating station that was ineligible for a ROC.
- If you generate electricity and claim ROCs or a FIT in respect of that electricity, you will also need to record this. You need to tell us about the total quantity of electricity for which you claim ROCs and FITs and you also need to tell us how much of the electricity covered by a ROC or FIT you use yourselves.
- Please see separate guidance on <u>electricity generation</u> and <u>supply</u> <u>rules</u> for further details.



Emissions Associated with Renewable Energy

Home	C
CRC Energy Efficiency Scheme	1
Phase	2
Phase 1	- 24
Compliance Obligations	3
Submit Annua Report	1

Emissions associated with renewable electricity

Protection Agency

The information which you must enter on this screen is not used to calculate your CRC emissions but it is important that you provide it so we can monitor emissions associated with renewable energy

Enter values to calculate the emissions associated with renewable electricity generation. We calculate these values using the following formula: supply * emission factor * 0.001.

ROCs and FITs

Enter the amount in kWh of the electricity that you have generated using renewables and for which you have been issued with ROCs or FITs.

	Emission Factor	Supply	Measurement Units	Calculated emissions (tonnes CO2)
Renewable Obligation Certificate (ROC)	0.541		ki/Vh	
Feed In Tariffs (FIT)	0.541	[k/\/h	

Renewables Generation covered by ROC/FIT

Enter the amount, in kWh of electricity, that you have generated using renewables for which you have been issued with ROCs or FITs and that you self-supply.

Please note - do not include any supplies made from one member of your group to another member of your group as this is not self-supply. See our guidance document "Supply Rules" for further information.



Enter the required figures in the relevant boxes in **kWh**.



Laura | Sim

If you do not have any ROCs, FITs or EGCs please enter 0 or leave blank. Click next to proceed to the next screen.

Box 1 = Total ROCs Box 2 = Total FITs Box 3 = Self supply covered by ROCs & FITS (i.e. this box may include some of the supply you have already entered in Boxes 1 and 2) Box 4 = EGCs from self supplied renewables

Electricity Generating Credits obtained from renewables

Enter the amount in kWh of electricity that you have generated using renewable sources and have self supplied, that:

- 1. is not covered by a ROC or FIT; and
- 2. was not generated at an EU ETS installation where electricity is generated, a nuclear power station or a hydro-generating station which was ineligible for a ROC

Further information about Electricity Generating Credits can be found in our guidance document "Electricity Generation".



Energy Supplies - Summary

The following screens are where you enter your CRC energy supply data

- Different energy supplies produce different levels of CO₂ Emissions for each unit generated CRC recognises this.
- Energy supply is translated into CO₂ emissions (tonnes) by the registry using emissions factors. These are shown on the registry and the conversion to CO₂ is calculated automatically.
- The emissions calculator in your CRC account can be accessed via your account home page.
- There are two columns available to enter your supply data, the first is named 'Supply, this is where you should enter 'actual' supplies (i.e. not estimates). The second column is where you enter 'estimated' supplies. The 'estimate' column will automatically add 10% to the tonnes of CO₂ calculated. Please see the 'Estimation Techniques' guidance for more advice on when you should count supply data as estimates.



Energy Use By Type



For a definition of core supplies please see the Meters and Metering Guidance

Please enter all figures as whole numbers (the system does not allow decimals)

This is the top section of the "Record Energy Use By Type" screen. In this section you will need to enter all your core energy supplies in kWh's excluding supplies noted in the text at the top of the screen.

Once these figures have been entered the system will automatically calculate the tonnes of CO_2 emitted.

Please note: the system is designed to round down calculated tonnes of CO₂ to the nearest whole number.

Please be aware in your registration you entered figures in MWh but for the annual report you have to enter them in kWh. Note: 1 MWh = 1000kWh

Residual Supplies – Notes

- The next slide is the second section of the "Record Energy Use By Type" screen. In this section you will <u>only</u> need to enter the residual energy supplies entered into your 'Residual Measurement List' in your footprint report in the relevant measurement units. As before, the system will automatically generate the tonnes of CO₂. (Note: Your 'Residual Measurement List' is displayed on your 'Footprint Report Summary')
- Not all participants will need to report any residual fuels. You only report residual fuels if you were required to enter a 'Residual Measurement List' in your footprint report in order to meet the 90% threshold (see the Footprint Report Screenshots for more detail).
- Please note: the system is designed to round down calculated tonnes of CO₂ to the lowest whole number.



Energy Usage – Residual Supplies

Cont

Residual Measurement List Fuels

Enter your usage of any residual supplies that you have listed in your residual measurement list.

This should not include:

- any 'excluded supplies'
- · any supplies to undertakings with a CCA member exemption
- supplies of gas and fuel (but not electricity) covered by EU ETS
- supplies to any part of a company's operations that are covered by a CCA where the company does not qualify for a member CCA exemption.

Fuel Source	Emission Factor	Supply	Estimated Supply	Measurement Units	Calculated emissions	Liquid Petroleum Gas (LPG)
					(tonnes CO2)	Naphtha
Aviation Spirit	3128			tonnes		Natural Gas
Aviation Turbine Fuel	3150			tonnes		Other Petroleum G
Basic Oxygen Steel (BOS) gas	0.996			kWh		Peat
Blast furnace gas	0.996			KWh		Petrol
Burning Oil/Kerosene/Paraffin	2.532			litres		Petroleum coke
Cement industry coal	2373			tonnes		Scrap tyres
Coke Oven Gas	0.146			k///h		Solid smokeless fi
Coking Coal	2932			tonnes		Sour gas
Colliery Methane	0.184			k₩h		Waste (other than waste oil or waste solvents)
Commercial/Public Sector Coal	2577			tonnes		Waste oils
Diesel	2.639			litres		Waste solvents
Electricity	0.541			kWh		

Fuel Oil	3216		tonnes
Gas Oil	2.762		litres
Industrial Coal	2314		tonnes
Lignite	1203		tonnes
Liquid Petroleum Gas (LPG)	1.495		litres
Naphtha	3131		tonnes
Natural Gas	0.1836		KVVh
Other Petroleum Gas	0.2057		KVVh
Peat	1357		tonnes
Petrol	2.3035		litres
Petroleum coke	2981		tonnes
Scrap tyres	1669		tonnes
Solid smokeless fuel	2810		tonnes
Sour gas	0.2397		kWh
Waste (other than waste oil or waste solvents)	275		tonnes
Waste oils	3026		tonnes
Waste solvents	1613		tonnes

Please see the notes provided on the previous screen



Please enter all figures as whole numbers (the system does not allow decimals)

Electricity Generating Credits



Please refer to our electricity generation guidance for further information



On this screen please enter the total quantity of supply for which you are eligible to claim electricity generating credits (EGCs) in kWh.

If you do not have any EGCs then leave this box blank



Subsidiary Emissions

Home		Subsidiary Emissions		
CRC Energy Efficiency Scheme		-		C
Phase	-	Emissions from your significant group	undertakings	
Phase 1	•	The total CRC emissions for your entire organis	sation amount to 711 tonnes of CO2.	Rel
Compliance Obligations	•	In this screen please enter the emissions in ton UK parent and each SGU in the structure. The st	nes of CO2 attributable to your highest Im of the emissions for each SGU	► W
Submit Annua Report	il 🕨	should equal the total for the entire organisation collate the fuel supply data for each SGU and us the tonnes of CO2 equivalent. If an SGU is eligib	as shown above. You will need to e the emissions calculator to calculate le to claim EGCs then you should	• G
		emissions for each SGU should be entered belo	w.	
		The emissions calculator can be found on your (already calculated these emissions you can sav once you have done so.	CRC account homepage. If you have not e the data entered so far and return to it	
		If you hold a member exemption(s) for an entire SGU. If you hold a member exemption(s) which i only report on those parts that are not exempt.	SGU please enter zero against that covers only part of the SGU, you should	
		Hydro Hydraulics (1171143394) Co		
		— Magneto Avionics 2		
		Hydro Hydraulics 2		



Laura | Sign EFFICIENCY SCHEME Related Information

> On this screen please enter a break down of your CRC emissions in tonnes of CO_2 against the relevant SGU. Your total CRC emissions in tonnes of CO_2 are noted at the top of the screen.

You will not be able to proceed until the sum of the boxes equals the total at the top of the page.

Please read the text on the screen carefully to ensure that you include the correct emissions in the correct place in your CRC structure.

You will need to use the emissions calculator (which can be accessed from your account homepage) to calculate the emissions associated with each SGU and the highest parent.

Early Action Metric

SEPÂ

Environment Agency

Home	0	Early Action Metric	
CRC Energy Efficiency Scheme	•		
Dhase		Required fields are marked with *	
Pliase		This screen allows you to enter any early action metric data you wish to.	
Phase 1	•		
Compliance Obligations		Emissions	
Submit Annua Report	i >	The total CRC Emissions for the entire organisation are 711	
		Please enter the amount of these emissions (in tonnes of CO2) that are covered by the Carbon Trust Standard or Equivalent Scheme. You can use the Emissions Calculator located on your CRC homepage to convert fuels and supplies to tonnes of CO2.	
		When selecting the scheme provider, if you have more than one scheme provider across your organisation, please select the provider with the largest coverage. You will need to retain evidence of coverage by all your providers in your evidence pack.	/
		If you are not certified under CTS or an Equivalent Scheme please enter "0" in the field below and choose "None" in the drop down box.	
		Emissions (tCO2) *	
		Scheme provider None	
		Percentage coverage by voluntary automatic meter readings (AMR) Please specify below your voluntary AMR percentage coverage. This is calculated as follows:	
		AMR percentage coverage = ((amount of electricity and gas measured by voluntary AMR and dynamic supply in the annual reporting year)/(total amount of electricity or gas measured by voluntary AMR and dynamic supply in the annual reporting year + amount of electricity and gas supplied not measured by AMR, HHM or dynamic supply in the annual reporting year)) x 100	
		Please refer to the guidance notes "Annual report" and "Early Action Metric (EAM) and the recognition of automatic metering (AMR)" for an explanation of what constitutes voluntary AMR and further information about how to calculate this percentage.	/
		Your AMR percentage cover will be fixed after the first year i.e. what you enter for 2010/11 is used in the subsequent years where the Early Action Metric applies.	
		Voluntary AMRs (%)	

The first part of the EAM is the Carbon Trust Standard (CTS) or equivalent. Enter the quantity of your CRC emissions that are covered by the CTS or equivalent in tonnes of CO₂ and then select the scheme provider from the drop down Related In box. If you do not have a CTS or equivalent then What's please enter "0" and "none" in the drop down box.

> The second part of EAM is Automatic Meter Readings (AMR). This is the percentage of all **CRC** non mandatory gas and electricity supplies measured through voluntarily installed AMRs/dynamic supply during year 1, 1st April 2010 - 31st March 2011

Refer to the AMR clarification note for more information.

Enter the percentage you have calculated in the box at the bottom of the screen.

Please note that if 100% of your supplies are covered by mandatory HHMs then you should enter 50% in the box (please see the EAM clarification note for further details). This is to acknowledge the fact that you had no ability to voluntarily install HHMs.

Previous

CRC

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Growth Metric Data



The growth metric depends on whether your organisation is in the public or private sector. The data for each category is:

Public sector - emissions for each unit of revenue expenditure (£)

Private sector – emissions for each unit of turnover (£)

Please provide the last audited figure (we acknowledge that this may not necessarily be from the latest set of annual accounts if the current years have not yet been signed off by the auditors)

Corporate Responsibility Questions

Home 🖸	Corporate Responsibility	Laura <u>Sign (</u>	You will need to answer each
CRC Energy Efficiency SchemePhasePhase 1Compliance ObligationsSubmit Annual Report	Required fields are marked with * Annual reporting Complete the following voluntary reporting questions. If you do not wish to disclose the requested information please select "no answer". Answering these questions will not affect your performance league table position. However, this information will be published by the Administrator, including where "no answer" has been chosen. Does your CRC organisation disclose carbon emission reduction targets in its annual reporting? * C Yes C No C No answer	Related Information • What's new • Guidance	of the 4 questions on this screen before proceeding. If you do not wish to provide an answer please select the 'No answer' option. All responses to these questions, including 'No answer' will be published.
	Does your CRC organisation publicly disclose carbon emissions performance against these targets?	Does your CRC organisation responsibility for overseeing targets and performance ag: * C Do you actively engage emp * C C	n have a named person with management control with carbon performance in respect of its emissions reduction ainst them? Yes No answer loyees to reduce carbon emissions at work? Yes No No answer Cancel Save Previous Next
Enviror Agency	nment		

Report Comments

Environ Agency	ment SEPARA	DEMO	
lome CRC Energy Fficiency Scheme Phase Phase Compliance Obligations Submit Annual Report	Report Comments In the box below you may comment upon any factor which you believe might affect your position in the Performance League Table (PLT). This information will be published as part of your entry in the PLT. Please refer to the guidance "annual report" for further information. Comments	Laura Sign of EFFICIENCY SCHEME Related Information • What's new • Guidance	
P a o yu	Cancel Save Previous Next Lease enter any comments relevant to the nnual report in the free text box provided n this screen. This box can be left blank if ou do not have any comments to make.	NOTE: be public s as part public s as such	The comments entered here will lished against your organisation of the PLT. They will be a visible statement and should be treated h. You will have no further



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Summary Screen



Once you have reached the

declaration section you will have



Annual Report Submitted

Envir Agen	oni cy	ment SEEPÄÄE Scottish Environment Protection Agency	DEMC
Home f	2	Annual Report Submitted	Laura <u>Sign C</u>
CRC Energy Efficiency Scheme	•		
Phase	•	Annual Report Submitted	SCHEME
Phase 1 Compliance Obligations	•	Your Annual Report has now been successfully completed. Please use the download link below to download a copy of your annual report submitted, or press the Return to homepage button to return to the home page. What's new	Related Information What's new
Submit Annual Report	۲	Download a copy of your Annual Report. Return to homepage	▶ Guidance

This screen confirms your annual report has been submitted and also again gives you the **option to download your annual report summary as evidence.** Note: If at any time after you have submitted your annual report you realise **information is incorrect** you can **submit another annual report**.

This must be done before the last working day in July to be compliant. We will take the most recent report as the final version.



If you wish to view the worked example carry on reading. If not, you should exit the document now.



Annual Reporting – Worked Example



Worked Example

This worked example is based on the same organisation used in the Footprint Report Worked Example. Please view the footprint report worked example first to set the context.

The following slides detail what Organisation XZZA should enter on their Annual Report for year 2010/11



ROCs/FITs/EGCs

ROCs and FITS

In 2010/11 Organisation XZZA generated 23,000 kWh of electricity from hydropower and was awarded ROCs to cover this electricity generation. It used 9000 kWh of this electricity itself.

In 2010/11 Organisation XZZA generated 16,000 kWh of electricity from some solar panels it owned and claimed FITs to cover this electricity generation. It used 11,000 kWh of this electricity itself.

EGCs from renewables

As stated in the footprint report worked example, Organisation XZZA also has a wind turbine which produced 10,000 kWh but it does not claim either ROCs or FITs for the electricity generated by the turbine.

They therefore enter 23,000 kWh in Box 1 on the next slide. 16,000 kWh in Box 2 on the next slide. 9,000 kWh + 11,000 kWh = 20,000 kWh in Box 3 on the next slide. 10,000 kWh in Box 4 on the next slide.



ROCs/FITs

Home	Ð	Emissions associated with renewable electricity
CRC Energy Efficiency Scheme	•	
Account Management	•	The information which you must enter on this screen is not used to calculate your CRC emissions but it is important that you provide it so we can monitor emissions associated with renewable energy
Find Registrant	•	
Registration Summary	•	Enter values to calculate the emissions associated with renewable electricity generation. We calculate these values using the following formula: supply * emission feature # 0.004
Submit Annua Report		1actor ~ 0.001.

ROCs and FITs

Enter the amount in k/Wh of the electricity that you have generated using renewables and for which you have been issued with ROCs or FITs.

		Emission Factor	Supply	Measurement Units	Calculated emissions (tonnes CO2)
1	Renewable Obligation Certificate (ROC)	0.541	23000	k₩h	12
2)	Feed In Tariffs (FIT)	0.541	16000	₩Vh	8

Renewables Generation covered by ROC/FIT

Enter the amount, in kWh of electricity, that you have generated using renewables for which you have been issued with ROCs or FITs and that you self-supply.

Please note - do not include any supplies made from one member of your group to another member of your group as this is not self-supply. See our guidance document "Supply Rules" for further information.

	Emission Factor	Supply	Measurement Units	Calculated emissions (tonnes CO2)
Renewables Generation covered by ROC/FIT	0.541	20000	k₩h	10

Electricity Generating Credits obtained from renewables

Enter the amount in kWh of electricity that you have generated using renewable sources and have supplied to a third party (including other members of your group) or have self supplied, that:

- 1. is not covered by a ROC or FIT; and
- 2. was not generated at an EU ETS installation where electricity is generated, a nuclear power station or a hydro-generating station which was ineligible for a ROC

Further information about Electricity Generating Credits can be found in our guidance document "Electricity Generation".

		Emission Factor	Supply	Measurement Units	Calculated emissions (tonnes CO2)
4	Renewables Generation covered by EGC	0.541	10000	KWh	5
				Cancel Previou	is Next

CRC Supplies

Organisation XZZA looks at their Footprint Report Summary (see the 'Footprint Reporting Screenshots and Worked Example' document) and can see that on their annual report they will need to enter the following core supplies (in Box 1 and 2 on the next slide):

Core Electricity = 7,700,000 kWh Core Gas = 7,000,000 kWh

And the following residual fuel for their residual measurement list (on slide 31):

Diesel = 35,000 litres



Core Supplies

Organisation XZZA adds their total CRC Core Supplies.

Organisation XZZA don't have any estimated supplies, but if they did they would have to separate the actual and estimated supplies and enter them in the appropriate boxes.



ΚŴh

1285

covered

by a CCA

Core

gas not covered by EU ETS or by a CCA 0.1836

7000000



Residual Measurement List

Residual Measurement List Fuels

Enter your usage of any residual supplies that you have listed in your residual measurement list.

This should not include:

any 'excluded supplies'

- any supplies to undertakings with a CCA member exemption
- supplies of gas and fuel (but not electricity) covered by EU ETS
- supplies to any part of a company's operations that are covered by a CCA where the company does not qualify for a member CCA exemption.

Fuel Source	Emission Factor	Supply	Estimated Supply	Measurement Units	Calculated emissions (tonnes CO2)
Aviation Spirit	3128			tonnes	
Aviation Turbine Fuel	3150			tonnes	
Basic Oxygen Steel (BOS) gas	0.996			KWh	
Blast furnace gas	0.996			kWh	
Burning Oil/Kerosene/Paraffin	2.532			litres	
Cement industry coal	2373			tonnes	
Coke Oven Gas	0.146			kWh	
Coking Coal	2932			tonnes	
Colliery Methane	0.184			k///h	
Commercial/Public Sector Coal	2577			tonnes	
Diesel	2.639	35000		litres	92
Electricity	0.541			k/Wh	
Fuel Oil	3216			tonnes	
Gas Oil	2.762			litres	
Industrial Coal	2314			tonnes	
Lignite	1203			tonnes	
Liquid Petroleum Gas (LPG)	1.495			litres	
Naphtha	3131			tonnes	
Natural Gas	0.1836			kW/h	
Other Petroleum Gas	0.2057			k///h	
Peat	1357			tonnes	
Petrol	2.3035			litres	
Petroleum coke	2981			tonnes	
Scrap tyres	1669			tonnes	
Solid smokeless fuel	2810			tonnes	
Sour gas	0.2397			ki/Vh	
Waste (other than	275			tonnee	

Organisation XZZA adds the supplies of the residual fuel that it added to its 'Residual Measurement List'



Total EGCs

Electricity Generating Credits

Credits

Please enter, in kWh, the amount of **all** the electricity generating credits (EGCs) you are claiming for electricity that your organisation has generated. This includes electricity generated using both renewables and non-renewables, that you have supplied to a third party or have self-supplied, that:

- 1. is not covered by a ROC or FIT; and
- does not take place at an EU ETS installation where electricity is generated, a nuclear power station or a hydro-generating station which was ineligible for a ROC.

Further information about Electricity Generating Credits can be found in our guidance document "Electricity Generation"

	Emission Factor	Supply	Measurement Units	Calculated emissions (tonnes CO2)
Electricity Generating Credits	0.541	10000	kWh	5
			Cancel Previ	ous Next

Organisation XZZA adds the total quantity of EGCs (in kWh) that it qualifies for.



Breakdown of emissions

Once the emissions covered by Organisation XZZAs EGCs are deducted it has 5537 CRC emissions.

Of this total it works out that: Company S emitted 1,000 tonnes CO₂ Company T emitted 2,000 tonnes CO₂

Since Company S and T are not SGUs they put their emissions against Organisation XZZA (as that is who they sit directly under on their organisational structure in reality). They therefore enter 5537 in Box 1 on the next slide.

Company W has a member exemption so they enter 0 tonnes CO₂ in Box 2 on the next slide.

NOTE: If Company S & Company T were SGUs they would have boxes next to their names and they would work out their emissions (using the Emissions Calculator on their account homepage) and enter those figures in the boxes next to their names.



Subsidiary Emissions

Subsidiary Emissions

Emissions from your significant group undertakings

The total CRC emissions for your entire organisation amount to 5537 tonnes of CO2.

In this screen please enter the emissions in tonnes of CO2 attributable to your highest UK parent and each SGU in the structure. The sum of the emissions for each SGU should equal the total for the entire organisation as shown above. You will need to collate the fuel supply data for each SGU and use the emissions calculator to calculate the tonnes of CO2 equivalent. If an SGU is eligible to claim EGCs then you should **deduct emissions covered by those EGCs** from the SGU's emissions. The resulting emissions for each SGU should be entered below.

The emissions calculator can be found on your CRC account homepage. If you have not already calculated these emissions you can save the data entered so far and return to it once you have done so.

If you hold a member exemption(s) for an entire SGU please enter zero against that SGU. If you hold a member exemption(s) which covers only part of the SGU, you should only report on those parts that are not exempt.

	Overseas XZZA	
	Organisation XZZA	5537
	Company W	0
ent		Cancel Previous Next

Organisation XZZA adds the emissions associated with each SGU and the highest parent.

Early Action Metric

Carbon Trust Standard and equivalent schemes

Organisation XZZA have sites which are covered by the Carbon Trust Standard. These sites produce 1000 tonnes of CO2 from the supplies which count as their CRC supplies.

Automatic Meter Reading

- Organisation XZZA have 1,000,000 kWh of their CRC electricity and gas supplies through mandatory meters.
- The rest of their meters are non-mandatory, this leaves them with 13,725,000 kWh of non mandatory supplies.
- Of these non-mandatory supplies 6,862,500 kWh were covered by voluntarily installed automatic meter reading devices. This equates to a 50% score for the AMR element of the Early Action Metric.



Early Action Metric

Early Action Metric

Required fields are marked with *

This screen allows you to enter any early action metric data you wish to.

Emissions

The total CRC Emissions for the entire organisation are 5537

Please enter the amount of these emissions (in tonnes of CO2) that are covered by the Carbon Trust Standard or Equivalent Scheme. You can use the Emissions Calculator located on your CRC homepage to convert fuels and supplies to tonnes of CO2.

When selecting the scheme provider, if you have more than one scheme provider across your organisation, please select the provider with the largest coverage. You will need to retain evidence of coverage by all your providers in your evidence pack.

If you are not certified under CTS or an Equivalent Scheme please enter "0" in the field below and choose "None" in the drop down box.

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+miccione	(TE 112)	
	11	

Scheme provider

Carbon Trust Scheme

1000

Organisation XZZA adds the percentage of their electricity and gas supplies covered by voluntarily installed AMR meters – 50%.

Organisation XZZA adds their total CRC emissions covered by the Carbon Trust Standard Scheme. The system will work out what percentage this is of the CRC emissions in the background.

Percentage coverage by voluntary automatic meter readings (AMR)

Please specify below your voluntary AMR percentage coverage. This is calculated as follows:

AMR percentage coverage = ((amount of electricity and gas measured by voluntary AMR and dynamic supply in the annual reporting year)/(total amount of electricity or gas measured by voluntary AMR and dynamic supply in the annual reporting year + amount of electricity and gas supplied not measured by AMR, HHM or dynamic supply in the annual reporting year)) x 100

Please refer to the guidance notes "Annual report" and "Early Action Metric (EAM) and the recognition of automatic metering (AMR)" for an explanation of what constitutes voluntary AMR and further information about how to calculate this percentage.

Your AMR percentage cover will be fixed after the first year i.e. what you enter for 2010/11 is used in the subsequent years where the Early Action Metric applies.

Cancel

Previous

Next

Voluntary AMRs (%)

50



Growth Metric

Growth Metric Data

Turnover / Revenue Expenditure

Please specify your Turnover/Revenue Expenditure as appropriate. This is voluntary. If you do not wish to provide this information please leave the box BLANK. Please note: If you do not enter any data in this field you will score zero for the growth metric.

Please refer to the annual reporting guidance for further information.

Turnover / Revenue	2490000			
Expenditure		Cancel	Previous	Next
		CallCer	rrevious	Next

Organisation XZZA's last audited annual turnover for the whole group was £2,490,000 so they add this here.



Corporate Responsibility

Organisation XZZA do not want to respond to the corporate responsibility questions so they click 'No Answer' for all the questions. Then they click 'Next'.

Corporate Responsibility

Required fields are marked with *

Annual reporting

+

Complete the following voluntary reporting questions. If you do not wish to disclose the requested information please select "no answer".

Answering these questions will not affect your performance league table position. However, this information will be published by the Administrator, including where "no answer" has been chosen.

Does your CRC organisation disclose carbon emission reduction targets in its annual reporting?

O Yes O No ● No answer

Does your CRC organisation publicly disclose carbon emissions performance against these targets?

	C
	C
	œ

Does your CRC organisation have a named person with management control with responsibility for overseeing carbon performance in respect of its emissions reduction targets and performance against them?

Next

Cancel Previous

0	Yes
0	No
•	No answer

Yes

Νn

No answer

Do you actively engage employees to reduce carbon emissions at work?

O Yes O No ⊙ No answer



Report Comments

Report Comments

Report Comments

In the box below you may comment upon any factor which you believe might affect your position in the Performance League Table (PLT). This information will be published as part of your entry in the PLT. Please refer to the guidance "annual report" for further information.

Organisation XZZA do not have any comments that they want to be published on the PLT so they leave this box blank and click 'Next'.

Comments			
	Cancel	Previous	Next
	Career	Trevious	HEAT



Summary Screen



Organisation XZZA download their Annual Report summary, confirm that the information they have provided is correct and then submit their annual report.



Annual Report Submitted



Organisation XZZA has now successfully submitted its annual report for 2010/11. The next page shows their Annual Report Summary.







Annual report summary

Your details
Phase: 1
Reporting Year: 2010/11
CRC reference number: CRC1976410
Addressee: Mr Primary Contact

Renewable energy data			
Туре	Kilowatt Hours	Tonnes of CO2	
Total ROCs:	23,000	12	
Total FITs:	16,000	8	
Self supply covered by ROCs or FITs:	20,000	10	
EGCs relating to renewables:	10,000	5	

Core supplies (this excludes core supplies of gas to an EU ETS installation and CCA facility and core supplies of electricity to a CCA facility)				
Fuel source	Actual supply	Estimated supply	Measurement unit	Calculated emissions (tonnes of CO2)
Core electricity not covered by a CCA	7,700,000		kWh	4,165
Core gas not covered by EUETS or by a CCA	7,000,000		kWh	1,285

Residual measurement list fuels				
Fuel source	Actual supply	Estimated supply	Measurement unit	Calculated emissions (tonnes of CO2)
Diesel	35,000		litres	92

Electricity Generating Credits			
	Kilowatt Hours	Tonnes of CO2	
Electricity Generating	10,000	5	
Credits			

Emissions for annual reporting year Total CRC Emissions (tonnes of CO2): 5,537

SGU emissions		
SGU name SGU emissions (tonnes of C		
Organisation XZZA	5,537	
Company W	0	

Early action metrics		
Emissions covered by carbon trust standard or equivalent		
Emissions (tonnes of CO2)	Scheme	─)
1,000	Carbon Trust Scheme	
Emissions covered by voluntary AMR - percentage: 50		

Turnover/ expenditure for report year: £2,490,000

Corporate responsibility responses			
Туре	Answer		
Discloses long term reduction targets	Undisclosed		
Discloses performance against long	Undisclosed		
term reduction targets			
Names director responsible for	Undisclosed		
energy use			
Engages employees in reduction of	Undisclosed		
energy use			
Report comments:			



This is the only information that will be used to determine your PLT position for 2010/11

For further information on all aspects of the CRC scheme, please see our guidance on the <u>CRC web pages.</u>

