

For Electric Utilities

Companies with business activities additional to the production/transmission/distribution of electricity should answer questions 1 – 28 of CDP 2009 (CDP7) including emissions from their other activities AND their electricity-related activities. The following questions only require answers to be given for the electricity-related division, activity or assets of their business. The exception to this would be CHP where heat is co-generated with electricity. In this case, GHG emissions should be given for both heat and electricity together.

Please note that electric utilities are among the companies that are invited to report their GHG emissions using both the control and equity share approaches. The results from the two approaches can vary significantly and having both will give investors a clearer picture of the GHG emissions associated with the company. Companies intending to report results on more than one consolidation basis should contact respond@cdproject.net.

The questions for electric utilities below ask about:

EU1 Capacity in MW by country and energy source

EU2 Production in GWh by country and energy source

EU3 Emissions in metric tonnes CO₂-e by country and fuel type

EU4 Emissions intensity CO₂-e/MWh by country and fuel type

EU5 Emissions allowances – for companies participating in the EU ETS

EU6 Emission allowances – for companies participating in other emission trading schemes

A table should be completed for each country/trading scheme in which the company has significant operations (i.e. operations that contribute more than 5% of total company emissions). If a fuel or energy source that your company uses is not shown, please insert an additional row. The CCGT (Combined Cycle Gas Turbine), OCGT (Open Cycle Gas Turbine) and CHP (Combined Heat and Power) rows should be used for emissions from all fuels combusted using these technologies. For example, if an electrical generation company combusts gas in a CCGT plant, these figures should be logged under CCGT, rather than gas. Emissions from gas that is not combusted in CCGT, OCGT or CHP plants should be logged under gas.

EU1. Capacity:

Please give your company's historic and forecasted installed nameplate capacity in MW by country and energy source.

Enter reporting period dates for each of the reporting years in this row e.g. 1 Jan 2002 – 31 Dec 2002 here:	Reporting period ending in...												
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Enter country name here:													
Coal – hard													
Coal – lignite (brown)													
Fuel oil													
Gas (excluding OCGT, CCGT and CHP)													
OCGT													
CCGT													
CHP													
Other (please specify)													
Total thermal inc solid biomass													
<i>Of which solid biomass</i>													
Nuclear													
Hydro													
Wind													
Solar													
Other (please specify)													
<i>Total for country</i>													
<i>Total for all countries</i>													

EU2. Production:

Please give historic and forecasted production in GWh by country and energy source. Production is expressed in GWh, not MWh to make the numbers more manageable.

Enter reporting period dates for each of the reporting years in this row e.g. 1 Jan 2002 – 31 Dec 2002 here:	Reporting period ending in...												
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Enter country name here:													
Coal – hard													
Coal – lignite (brown)													
Fuel oil													
Gas (excluding OCGT, CCGT and CHP)													
OCGT													
CCGT													
CHP													
Other (please specify)													
Total thermal inc solid biomass													
<i>Of which solid biomass</i>													
Nuclear													
Hydro													
Wind													
Solar													
Other (please specify)													
<i>Total for country</i>													
<i>Total for all countries</i>													

EU3. Absolute Emissions:

Please give historic and forecasted GHG emissions in metric tonnes CO₂-e by country and fuel type.

Enter reporting period dates for each of the reporting years in this row e.g. 1 Jan 2002 – 31 Dec 2002 here:	Reporting period ending in...												
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Enter country name here:													
Coal – hard													
Coal – lignite (brown)													
Fuel oil													
Gas (excluding OCGT, CCGT and CHP)													
OCGT													
CCGT													
CHP													
Other (please specify)													
Total thermal inc solid biomass													
<i>Of which solid biomass</i>													
Other (please specify)													
<i>Total for country</i>													
<i>Total for all countries</i>													

EU4. Emission Intensities:

Please give historic and forecasted GHG emissions intensities in metric tonnes CO₂-e/MWh by country and fuel type.

Enter reporting period dates for each of the reporting years in this row e.g. 1 Jan 2002 – 31 Dec 2002 here:	Reporting period ending in...												
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Enter country name here:													
Coal – hard													
Coal – lignite (brown)													
Fuel oil													
Gas (excluding OCGT, CCGT and CHP)													
OCGT													
CCGT													
CHP													
Other (please specify)													
Total thermal inc solid biomass													
<i>Of which solid biomass</i>													
Other (please specify)													
<i>Total for country</i>													
<i>Total for all countries</i>													

EU5. Emission allowances for companies in the EU Emissions Trading Scheme:

Please give your historic and forecasted position on emissions, emission allowances (EUAs) and Certified Emission Reductions (CERs) and Emission Reduction Units (ERUs) in metric tonnes CO₂ by country.

	Phase I (2005-2007)	Phase II (2008-2012)					
		2008	2009	2010	2011	2012	2013
Enter name of EU27 country here:							
Total free allowances (EUAs) received							
Of which are EUAs for new power plants + projections for the rest of Phase II							
Total allowances purchased through national auctions + projection for the rest of Phase II							
Total allowances purchased for compliance purposes (through exchanges, brokers etc.) + projections for the rest of Phase II							
Number of CERs/ERUs received/purchased for compliance purposes + projections for the rest of Phase II							
Of which are credits from projects for which the group is listed as direct participant							
Of which are credits from HFC projects							
Historic/projected emissions (Metric Tonnes CO ₂)							

EU6. Emission allowances for companies that have significant operations outside the EU and where installations are covered by other emissions trading regimes:

Please give your historic and forecasted position on emissions, emission allowances and offsets in Metric Tonnes CO₂ or CO₂-e as appropriate to the trading scheme. A table should be provided for each trading scheme in which the company has significant participation (i.e. it covers operations that lead to more than 5% of total company emissions). If this table is not appropriate for a trading scheme in which you participate, please supply data in a more suitable format. Please exclude voluntary offsets.

	Reporting period ending in...								
	2005	2006	2007	2008	2009	2010	2011	2012	2013
Give units: Metric Tonnes CO₂ or CO₂-e									
Enter reporting period dates for each of the reporting years in this row e.g. 1 Jan 2002 – 31 Dec 2002 here:									
Enter trading scheme name here:									
Free allowances allocated by the trading scheme + projections									
Total allowances purchased through regional/national auction + projections									
Total allowances purchased for compliance purposes (through exchanges, brokers, etc.) + projections									
Amount of offset credits received/purchased for compliance purposes + projections									
Historic/projected emissions falling within the trading scheme (in same units as allowances).									