

Renewables Obligation: Third annual report - appendices

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Overview:

The Government has introduced a number of schemes to encourage the development of renewable generation in the UK.

In April 2002, the Renewables Obligation came into force. In April 2004, the Renewables Obligation (Scotland) came into force. Ofgem administers these schemes on behalf of the Department of Trade and Industry and the Scottish Executive respectively.

This report provides information in respect of the third period of the Renewables Obligation (1 April 2004 to 31 March 2005), including information on how licensed electricity suppliers have complied with their obligations, the number of ROCs issued by Ofgem and the number and type of generating stations accredited for the schemes.

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Target Audience: This document provides information to parties with an interest in the Renewables Obligation

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Context

The Government's aim is that renewable energy will make an increasing contribution to energy supplies in the UK, with renewable energy playing a key role in the wider climate change programme.

Sections 32 to 32C of the Electricity Act 1989 ("the Act") empower the Secretary of State and the Scottish Ministers to impose obligations on licensed electricity suppliers ("suppliers") to source a proportion of their supplies from renewable sources. These obligations are referred to collectively as the Renewables Obligation. The Gas and Electricity Markets Authority ("the Authority"), whose day to day functions are performed by Ofgem, is given powers and functions under the Orders.

The obligation in respect of those suppliers supplying customers in England and Wales is set out in the Renewables Obligation Order 2002 (as amended) ("the RO") whilst the obligation in respect of those suppliers supplying customers in Scotland is set out in the Renewables Obligation (Scotland) Order 2004 ("the ROS"). These obligations are referred to collectively as the Orders.

"Green certificates" are issued under the RO and the ROS. They certify that a generating station has generated from renewable sources an amount of electricity and that it has been supplied to customers in Great Britain. These are known as ROCs (Renewables Obligation Certificates) or SROCs (Scottish Renewables Obligation Certificates).

An obligation period runs from 1 April to 31 March each year. Suppliers are required to produce evidence to Ofgem of compliance with their Renewables Obligation before a specified day each year. The specified day for the 2004/05 compliance period was 1 October 2005. Evidence can be via ROCs or SROCs. Alternatively, a supplier can discharge its Renewables Obligation, in whole or in part, by paying the buy-out price. The Government intends that suppliers will be subject to a renewables obligation until 31 March 2027.

This third annual report is based on the requirements on the Authority and obligations on suppliers under the RO and the ROS referred to above. For the avoidance of doubt, in respect of later obligation periods, other RO orders will apply.

Associated Documents

Readers should be aware of the following documents which support this publication. These documents are available on our website at www.ofgem.gov.uk.

- Renewables Obligation: Third annual report (ref 35/06)
- The Renewables Obligation second annual report (ref 44/05), and
- The Renewables Obligation first annual report (ref 45/04)

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Appendix 3 – Compliance by licensed electricity suppliers: detailed information

Table A1: 2004/05 supplier compliance with the RO

Licensed electricity supplier	RO (MWh)	ROCs presented	Money paid into buy-out fund (£)	% RO met by ROCs	% RO met by buy-out	Shortfall (£)
Atlantic Electric and Gas Ltd	22,270	0	£0.00	0.00%	0.00%	£699,055.30
BizzEnergy Ltd	110,276	4,952	£3,306,120.36	4.50%	95.50%	£0.00
BP Power Trading Ltd	533	0	£16,730.87	0.00%	100.00%	£0.00
British Energy Generation Ltd	1,282,627	170,722	£34,902,697.95	13.31%	86.69%	£0.00
British Gas Trading Ltd	1,618,131	1,618,131	£0.00	100.00%	0.00%	£0.00
Cinergy Global Trading Ltd	976	976	£0.00	100.00%	0.00%	£0.00
Economy Power Ltd	71,443	0	£2,242,595.77	0.00%	100.00%	£0.00
Electricity Direct (UK) Ltd	78,942	78,942	£0.00	100.00%	0.00%	£0.00
Eledor Ltd	1,294	0	£40,618.66	0.00%	100.00%	£0.00
Gaz De France Marketing Ltd	449,369	0	£14,105,692.91	0.00%	100.00%	£0.00
Good Energy Ltd	3,071	3,071	£0.00	100.00%	0.00%	£0.00
London Energy plc	2,035,827	1,277,321	£23,809,503.34	62.74%	37.26%	£0.00
Npower Commercial Gas Ltd	198,263	0	£6,223,475.57	0.00%	100.00%	£0.00
Npower Cogen Trading Ltd	76,540	0	£2,402,590.60	0.00%	100.00%	£0.00
Npower Direct Ltd	185,636	122,767	£1,973,457.91	66.13%	33.87%	£0.00
Npower Ltd	1,593,050	1,053,536	£16,935,344.46	66.13%	33.87%	£0.00
Npower Northern Ltd	402,771	268,234	£4,223,116.43	66.60%	33.4%	£0.00
Npower Yorkshire Ltd	224,150	148,238	£2,382,877.68	66.13%	33.87%	£0.00
Opus Energy Ltd	37,528	9,340	£884,821.32	24.88%	75.12%	£0.00

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E.ON (UK) plc	1,171,041	983,777	£5,878,216.96	84.00%	16.00%	£0.00
Powergen Retail Ltd	1,597,634	1,561,269	£1,141,497.35	97.72%	2.28%	£0.00
Renewable Energy Company Ltd	8,468	8,468	£0.00	100.00%	0.00%	£0.00
Scottish Power Energy Retail Ltd	643,435	643,435	£0.00	100.00%	0.00%	£0.00
Seaboard Energy Ltd	479,132	300,618	£5,603,554.46	62.74%	37.26%	£0.00
Slough Energy Supplies Ltd	12,934	11,233	£53,394.39	86.85%	13.15%	£0.00
SmartestEnergy Ltd	7,745	7,745	£0.00	100.00%	0.00%	£0.00
SSE Energy Supply Ltd	1,920,605	1,632,514	£9,043,176.49	84.99%	15.01%	£0.00
Total Gas and Power Ltd	62,675	62,675	£0.00	100.00%	0.00%	£0.00
Tradelink Solutions Ltd	161	161	£0.00	100.00%	0.00%	£0.00
TXU Europe (Ah Online) Ltd	13	0	£408.07	0.00%	100.00%	£0.00
TXU Europe (AHGD) Ltd	11	0	£345.29	0.00%	100.00%	£0.00
TXU Europe (AHST) Ltd	2	0	£62.78	0.00%	100.00%	£0.00
UK Electric Power Ltd	2,683	0	£84,219.37	0.00%	100.00%	£0.00
Utilita Electricity Ltd	115	0	£3,609.85	0.00%	100.00%	£0.00
Utility Link Ltd	10,188	3,726	£202,842.18	36.60%	63.4%	£0.00
Western Gas Ltd	1	0	£31.39	0.00%	100.00%	£0.00
Wilton Energy Ltd	6,054	0	£190,035.06	0.00%	100.00%	£0.00
Zest4Electricity	190	0	£5,964.10	0.00%	100.00%	£0.00
Total	14,315,784	9,971,851	£135,657,001.57			£699,055.30

Table A2: 2004/05 supplier compliance with the ROS

Licensed electricity supplier	RO (MWh)	ROCs presented	Money paid into buy-out fund (£)	Money paid into late payment fund (£)	% RO met by ROCs	% RO met by buy-out	Shortfall (£)
Atlantic Electric and Gas Ltd	480	0	0	0	0.00%	0.00%	£15,067.20
BizzEnergy Ltd	842	0	£26,430.38	£0.00	0.00%	100.00%	£0.00
British Energy Generation Ltd	35,977	16,885	£599,297.88	£0.00	46.93%	53.07%	£0.00
British Gas Trading Ltd	154,846	154,846	£0.00	£0.00	100.00%	0.00%	£0.00
Cinergy Global Trading Ltd	147	147	£0.00	£0.00	100.00%	0.00%	£0.00
Economy Power Ltd	7,631	7,631	£0.00	£0.00	100.00%	0.00%	£0.00
Electricity Direct (UK) Ltd	19,192	19,192	£0.00	£0.00	100.00%	0.00%	£0.00
Fortum Direct	19,702	0	£618,443.00	£2.78	0.00%	100.00%	£2.78
Gaz de France Marketing	3,297	0	£103,492.83	£0.00	0.00%	100.00%	£0.00
Good Energy Ltd	79	50	£0.00	£910.31	63.30%	36.70%	£910.31
London Energy plc	35,196	35,196	£0.00	£0.00	100.00%	0.00%	£0.00
Npower Direct Ltd	11,764	11,764	£0.00	£0.00	100.00%	0.00%	£0.00
Npower Ltd	38,742	38,742	£0.00	£0.00	100.00%	0.00%	£0.00
Npower Northern Ltd	1,302	1,302	£0.00	£0.00	100.00%	0.00%	£0.00
Opus Energy Ltd	2,768	0	£86,887.52	£0.00	0.00%	100.00%	£0.00
E.ON (UK) plc	31,316	31,316	£0.00	£0.00	100.00%	0.00%	£0.00
Powergen Retail Ltd	33,532	33,532	£0.00	£0.00	100.00%	0.00%	£0.00

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Scottish Power Energy Retail Ltd	647,050	301,934	£10,833,191.24	£0.00	46.66%	53.34%	£0.00
Seaboard Energy Ltd	1,807	1,807	£0.00	£0.00	100.00%	0.00%	£0.00
SSE Energy Supply Ltd	397,831	227,888	£5,334,510.77	£0.00	57.30%	42.7%	£0.00
Total Gas & Power Ltd	1,688	1,688	£0.00	£0.00	100.00%	0.00%	£0.00
Tradelink Solutions Ltd	43	41	£62.78	£0.00	95.35%	4.65%	£0.00
UK Electric Power Ltd	15	0	£470.85	£0.00	0.00%	100.00%	£0.00
Utility Link Ltd	36	36	£0.00	£0.00	100.00%	0.00%	£0.00
Total	1,445,283	883,997	£17,602,787.25	£913.09			£15,980.29

Table A3: ROCs presented in England and Wales

Licensed electricity supplier	Co-fired ROCs presented	2003/04 ROCs presented	Other ROCs presented (not including co-fired or banked ROCs)	% RO met by co-fired ROCs	% RO met by 2003/04 ROCs	% RO met by other ROCs
Atlantic Electric and Gas Ltd	0	0	0	0.00%	0.00%	0.00%
BizzEnergy Ltd	4,952	0	0	4.49%	0.00%	0.00%
BP Power Trading Ltd	0	0	0	0.00%	0.00%	0.00%
British Energy Generation Ltd	85,986	0	84,736	6.70%	0.00%	6.61%
British Gas Trading Ltd	160,189	2,609	1,455,333	9.90%	0.16%	89.94%
Cinergy Global Trading Ltd	242	0	734	24.80%	0.00%	75.20%
Economy Power Ltd	0	0	0	0.00%	0.00%	0.00%
Electricity Direct (UK) Ltd	0	0	78,942	0.00%	0.00%	100.00%
Eledor Ltd	0	0	0	0.00%	0.00%	0.00%
Gaz De France Marketing Ltd	0	0	0	0.00%	0.00%	0.00%
Good Energy Ltd	0	81	2,990	0.00%	2.64%	97.36%

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London Energy plc	179,780	14,647	1,082,894	8.83%	0.72%	53.19%
Npower Commercial Gas Ltd	0	0	0	0.00%	0.00%	0.00%
Npower Cogen Trading Ltd	0	0	0	0.00%	0.00%	0.00%
Npower Direct Ltd	42,696	0	80,071	23.00%	0.00%	43.13%
Npower Ltd	366,401	0	687,135	23.00%	0.00%	43.13%
Npower Northern Ltd	66,127	41	202,066	16.42%	0.01%	50.17%
Npower Yorkshire Ltd	51,554	0	96,684	23.00%	0.00%	43.13%
Opus Energy Ltd	0	0	9,340	0.00%	0.00%	24.89%
E.ON (UK) plc	229,368	0	754,409	19.59%	0.00%	64.42%
Powergen Retail Ltd	364,713	10,756	1,185,800	22.83%	0.67%	74.22%
Renewable Energy Company Ltd	0	0	8,468	0.00%	0.00%	100.00%
ScottishPower Energy Retail Ltd	29,500	6,425	607,510	4.58%	1.00%	94.42%
Seeboard Energy Ltd	42,505	14,148	243,965	8.87%	2.95%	50.92%
Slough Energy Supplies Ltd	3,233	0	8,000	25.00%	0.00%	61.85%
SmartestEnergy Ltd	0	836	6,909	0.00%	10.79%	89.21%
SSE Energy Supply Ltd	380,457	19	1,252,038	19.81%	0.00%	65.19%
Total Gas and Power Ltd	0	1,090	61,585	0.00%	1.74%	98.26%
Tradelink Solutions Ltd	0	0	161	0.00%	0.00%	100.00%
TXU Europe (Ah Online) Ltd	0	0	0	0.00%	0.00%	0.00%
TXU Europe (AHGD) Ltd	0	0	0	0.00%	0.00%	0.00%
TXU Europe (AHST) Ltd	0	0	0	0.00%	0.00%	0.00%
UK Electric Power Ltd	0	0	0	0.00%	0.00%	0.00%
Utilita Electricity Ltd	0	0	0	0.00%	0.00%	0.00%
Utility Link Ltd	0	66	3,660	0.00%	0.65%	35.92%
Western Gas Ltd	0	0	0	0.00%	0.00%	0.00%
Wilton Energy Ltd	0	0	0	0.00%	0.00%	0.00%
Zest4Electricity	0	0	0	0.00%	0.00%	0.00%

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Total	2,007,703	50,718	7,913,430			
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Table A4: ROCs presented in Scotland

Licensed electricity supplier	Co-fired ROCs presented	2003/04 ROCs presented	Other ROCs presented (not including co-fired or banked ROCs)	% RO met by co-fired ROCs	% RO met by 2003/04 ROCs	% RO met by other ROCs
Atlantic Electric and Gas Ltd	0	0	0	0.00%	0.00%	0.00%
BizzEnergy Ltd	0	0	0	0.00%	0.00%	0.00%
British Energy Generation Ltd	0	0	16,885	0.00%	0.00%	46.93%
British Gas Trading Ltd	0	0	154,846	0.00%	0.00%	100.00%
Cinergy Global Trading Ltd	9	0	138	6.12%	0.00%	93.88%
Economy Power Ltd	1,556	0	6,075	20.39%	0.00%	79.61%
Electricity Direct (UK) Ltd	0	2	19,190	0.00%	0.01%	99.99%
Fortum Direct	0	0	0	0.00%	0.00%	0.00%
Gaz de France Marketing Ltd	0	0	0	0.00%	0.00%	0.00%
Good Energy Ltd	0	19	31	0.00%	24.05%	39.24%
London Energy plc	5,020	70	30,106	14.26%	0.20%	85.54%
Npower Direct Ltd	2,705	2,705	6,354	22.99%	22.99%	54.01%
Npower Ltd	7,776	4,940	26,026	20.07%	12.75%	67.18%
Npower Northern Ltd	299	299	704	22.96%	22.96%	54.07%
Opus Energy Ltd	0	0	0	0.00%	0.00%	0.00%
E.ON (UK) plc	7,468	0	23,848	23.85%	0.00%	76.15%
Powergen Retail Ltd	8,215	0	25,317	24.50%	0.00%	75.50%
ScottishPower Energy Retail Ltd	0	0	301,934	0.00%	0.00%	46.66%

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Seaboard Energy Ltd	0	0	1,807	0.00%	0.00%	100.00%
SSE Energy Supply Ltd	0	0	227,888	0.00%	0.00%	57.28%
Total Gas & Power	0	0	1,688	0.00%	0.00%	100.00%
Tradelink Solutions Ltd	0	0	41	0.00%	0.00%	95.35%
UK Electric Power Ltd	0	0	0	0.00%	0.00%	0.00%
Utility Link Ltd	0	0	36	0.00%	0.00%	100.00%
Total	33,048	8,035	842,914			

Table A5: Distribution of buyout and late payment funds to suppliers with an obligation in England & Wales

Licensed electricity supplier	Amount of buy-out fund paid back (£)	Amount of late payment paid back (£)	Total amount of funds paid back (£)
Atlantic Electric and Gas Ltd	£0.00	£0.00	£0.00
BizzEnergy Ltd	£67,621.00	£0.00	£67,621.00
BP Power Trading Ltd	£0.00	£0.00	£0.00
British Energy Generation Ltd	£2,331,282.00	£0.00	£2,331,282.00
British Gas Trading Ltd	£22,096,275.00	£1.00	£22,096,276.00
Cinergy Global Trading Ltd	£13,327.00	£0.00	£13,327.00
Economy Power Ltd	£0.00	£0.00	£0.00
Electricity Direct (UK) Ltd	£1,077,987.00	£0.00	£1,077,987.00
Eledor Ltd	£0.00	£0.00	£0.00
Gaz De France Marketing Ltd	£0.00	£0.00	£0.00
Good Energy Ltd	£41,935.00	£0.00	£41,935.00
London Energy plc	£17,442,368.00	£1.00	£17,442,369.00
Npower Commercial Gas Ltd	£0.00	£0.00	£0.00
Npower Cogen Trading Ltd	£0.00	£0.00	£0.00
Npower Direct Ltd	£1,676,436.00	£0.00	£1,676,436.00

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Npower Ltd	£14,386,487.00	£1.00	£14,386,488.00
Npower Northern Ltd	£3,662,850.00	£0.00	£3,662,850.00
Npower Yorkshire Ltd	£2,024,253.00	£0.00	£2,024,253.00
Opus Energy Ltd	£127,541.00	£0.00	£127,541.00
E.ON (UK) plc	£13,433,898.00	£1.00	£13,433,899.00
Powergen Retail Ltd	£21,319,800.00	£1.00	£21,319,801.00
Renewable Energy Company Ltd	£115,634.00	£0.00	£115,634.00
ScottishPower Energy Retail Ltd	£8,786,381.00	£0.00	£8,786,381.00
Seeboard Energy Ltd	£4,105,068.00	£0.00	£4,105,068.00
Slough Energy Supplies Ltd	£153,391.00	£0.00	£153,391.00
SmartestEnergy Ltd	£105,761.00	£0.00	£105,761.00
SSE Energy Supply Ltd	£22,292,681.00	£1.00	£22,292,682.00
Total Gas and Power Ltd	£855,854.00	£0.00	£855,854.00
Tradelink Solutions Ltd	£2,198.00	£0.00	£2,198.00
TXU Europe (Ah Online) Ltd	£0.00	£0.00	£0.00
TXU Europe (AHGD) Ltd	£0.00	£0.00	£0.00
TXU Europe (AHST) Ltd	£0.00	£0.00	£0.00
UK Electric Power Ltd	£0.00	£0.00	£0.00
Utilita Electricity Ltd	£0.00	£0.00	£0.00
Utility Link Ltd	£50,880.00	£0.00	£50,880.00
Western Gas Ltd	£0.00	£0.00	£0.00
Wilton Energy Ltd	£0.00	£0.00	£0.00
Zest4Electricity	£0.00	£0.00	£0.00
Total	£136,169,908.00	£6.00	£136,169,914.00

Table A6: Distribution of buyout and late payment funds to suppliers with an obligation in Scotland

Licensed electricity supplier	Amount of buy-out fund paid back (£)	Amount of late payment paid back (£)	Total amount of funds paid back (£)
Atlantic Electric and Gas Ltd	£0.00	£0.00	£0.00
BizzEnergy Ltd	£0.00	£0.00	£0.00
British Energy Generation Ltd	£337,462.00	£17.00	£337,479.00
British Gas Trading Ltd	£3,094,739.00	£160.00	£3,094,899.00
Cinergy Global Trading Ltd	£2,937.00	£0.00	£2,937.00
Economy Power Ltd	£152,512.00	£7.00	£152,519.00
Electricity Direct (UK) Ltd	£383,569.00	£19.00	£383,588.00
Fortum Direct	£0.00	£0.00	£0.00
Gaz de France Marketing	£0.00	£0.00	£0.00
Good Energy Ltd	£999.00	£0.00	£999.00
London Energy plc	£703,424.00	£36.00	£703,460.00
Npower Direct Ltd	£235,114.00	£12.00	£235,126.00
Npower Ltd	£774,294.00	£40.00	£774,334.00
Npower Northern Ltd	£26,021.00	£1.00	£26,022.00
Opus Energy Ltd	£0.00	£0.00	£0.00
E.ON (UK) plc	£625,879.00	£32.00	£625,911.00
Powergen Retail Ltd	£670,167.00	£34.00	£670,201.00
ScottishPower Energy Retail Ltd	£6,034,429.00	£312.00	£6,034,741.00
Seeboard Energy Ltd	£36,114.00	£1.00	£36,115.00
SSE Energy Supply Ltd	£4,554,551.00	£235.00	£4,554,786.00
Total Gas & Power	£33,736.00	£1.00	£33,737.00

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Tradelink Solutions Ltd	£819.00	£0.00	£819.00
UK Electric Power Ltd	£0.00	£0.00	£0.00
Utility Link Ltd	£719.00	£0.00	£719.00
Total	£17,667,485.00	£907.00	£17,668,392.00

Table A7: Suppliers with no RO

Licensed electricity supplier	
730 Energy Ltd	Npower Northern Supply Ltd
Abington Energy Ltd	Npower Yorkshire Ltd
Accord Energy Ltd	Npower Yorkshire Supply Ltd
AEP Energy Services Ltd	Pan-Utility Ltd
AES Energy Ltd	Pentex Oil and Gas Ltd
Affinity Power Ltd	Powergen Retail Gas (Eastern) Ltd
Allied Domecq (Holdings) plc	PowerRelate Ltd
Banbury Energy Ltd	Primary Connections Ltd
Cherwell Energy Ltd	Renewable Energy Company Ltd
Citigen (London) Ltd	R S Energy Ltd
Commercial Electricity Supplies Ltd	Shell Gas Direct Ltd
Corona Energy 4 Retail Ltd	SmartestEnergy Ltd
EDF Trading Ltd	SME Energy Ltd
Electricity for Business	South Wales Electricity Ltd
Energy CO2 Ltd	SSE Energy Ltd
Energy Data Company	SWEB Ltd
Enizade Ltd	Team Group of Companies Ltd
Enron Direct Ltd	Telecom Plus PLC
Enron Gas & Petrochemicals Trading Ltd	TXU Europe (AH-online) Ltd

Essential Power Ltd	TXU Europe (AHG) Ltd
Ineos Chlor Energy Ltd	TXU Europe (AHGD) Ltd
International Power plc	TXU Europe (AHST) Ltd
Magnox Electric plc	TXU UK Ltd
Maverick Energy Ltd	Utilita Electricity Ltd
Midlands Gas Ltd	Utilitease Ltd
Norweb Energy Ltd	Zest 4 Electricity
Npower Cogen Trading Ltd	Western Gas Ltd
Npower Commercial Gas Ltd	Wilton Energy Ltd

Table A8: Suppliers with no ROS

Licensed electricity supplier	
730 Energy Ltd	International Power plc
Abington Energy Ltd	Magnox Electric plc
Accord Energy Ltd	Maverick Energy Ltd
AEP Energy Services Ltd	Midlands Gas Ltd
AES Energy Ltd	Norweb Energy Ltd
Banbury Energy Ltd	Npower Northern Supply Ltd
Affinity Power Ltd	Npower Yorkshire Supply Ltd
Allied Domecq (Holdings) plc	Pan-Utility Ltd
Cherwell Energy Ltd	Pentex Oil and Gas Ltd
Citigen (London) Ltd	Powergen Retail Gas (Eastern) Ltd
Commercial Electricity Supplies Ltd	PowerRelate Ltd
Corona Energy 4 Retail Ltd	Primary Connections Ltd
EdF Energy Powerlink Ltd	RS Energy Ltd
EDF Trading Ltd	Shell Gas Direct Ltd

Electricity for Business	SME Energy Ltd
Enizade Ltd	South Wales Electricity Ltd
Energy CO2 Ltd	SSE Energy Ltd
Energy Data Company	SWEB Ltd
Enron Direct Ltd	Team Group of Companies Ltd
Enron Gas & Petrochemicals Trading Ltd	Telecom Plus PLC
Essential Power Ltd	TXU Europe (AHG) Ltd
Fellside Heat and Power Ltd	TXU UK Ltd
Fortum Direct	Utilitease Ltd
Ineos Chlor Energy Ltd	

Table A9: A list of suppliers groups and their supply licences

Group	Supply licences
British Gas	British Gas Trading Ltd
	Electricity Direct Ltd
	Accord Energy Ltd
EdF	London Energy Plc
	Seeboard Energy Ltd
	SWEB Energy Ltd
Opus Energy	Abingdon Energy Ltd
	Banbury Energy Ltd
	Cherwell Energy Ltd
	Opus Energy Ltd
E.ON UK	Citigen London Ltd
	Economy Power Ltd
	E.ON UK Plc
	Enizade Ltd
	Midlands Gas Ltd
	Powergen Retail Ltd
Powergen Retail Gas (Eastern) Ltd	

	TXU Europe (AHG) Ltd
	TXU Europe (AHGD) Ltd
	TXU Europe (AH Online) Ltd
	TXU Europe (AHST) Ltd
	Western Gas Ltd
RWE Npower	npower Ltd
	Npower Direct Ltd
	Npower Cogen Trading Ltd
	Npower Commercial Gas Ltd
	Npower Northern Ltd
	Npower Northern Supply Ltd
	Npower Yorkshire Ltd
	Npower Yorkshire Supply Ltd
Scottish & Southern Energy (SSE)	SSE Energy Supply Ltd
	SSE Energy Ltd
	South Wales Electricity Ltd

Appendix 4 - Renewables Obligation Certificates issued: detailed information

Table B1: 2004/05 ROCs issued by generation technology type

Technology type	ROCs	SROCs	Total	Proportion of total
ACT	9,903	0	9,903	0.09%
Biomass	775,568	54,356	829,924	7.63%
Co-firing	2,035,490	81,109	2,116,599	19.47%
Hydro < 20 MW DNC	189,288	1,769,842	1,959,130	18.02%
Landfill gas	3,435,455	221,114	3,656,569	33.64%
Micro hydro	2,859	43,945	46,804	0.43%
Off-shore wind	277,351	0	277,351	2.55%
On-shore wind	895,969	829,171	1,725,140	15.87%
PV	28	0	28	0.00%
Sewage gas	245,908	3,573	249,481	2.29%
Total	7,867,819	3,003,110	10,870,929	100

Table B2: 2004/05 ROCs issued by month of generation

Month	ROCs	SROCS	Total
Apr-04	533,363	197,453	730,816
May-04	497,712	151,263	648,975
Jun-04	500,034	146,640	646,674
Jul-04	525,803	142,418	668,221
Aug-04	570,186	175,132	745,318
Sep-04	667,238	265,178	932,416
Oct-04	706,898	287,980	994,878

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Nov-04	710,660	306,525	1,017,185
Dec-04	752,647	345,219	1,097,866
Jan-05	872,203	402,093	1,274,296
Feb-05	769,905	293,184	1,063,089
Mar-05	761,170	290,025	1,051,195
Total	7,867,819	3,003,110	10,870,929

Table B3: 2004/05 ROCs issued by generation technology type and month (in England and Wales and Scotland)

Month	ACT	Biomass	Co-firing	Hydro < 20 MW DNC	Landfill gas	Micro hydro	Off-shore wind	On-shore wind	PV	Sewage gas	Total
Apr-04	618	60,734	107,434	122,819	291,953	3,615	13,448	110,973	0	19,222	730,816
May-04	843	78,835	80,113	100,621	301,852	2,329	7,551	56,482	0	20,349	648,975
Jun-04	875	66,750	78,079	66,194	286,843	2,067	15,575	111,370	0	18,921	646,674
Jul-04	883	66,574	109,217	78,242	296,545	2,699	11,919	82,421	0	19,721	668,221
Aug-04	1,003	68,864	134,773	108,139	298,115	3,583	15,625	96,048	0	19,168	745,318
Sep-04	1,014	69,876	170,893	168,437	294,748	4,546	24,890	178,682	0	19,330	932,416
Oct-04	924	67,171	192,292	218,967	312,160	4,660	20,128	156,561	0	22,015	994,878
Nov-04	875	67,058	233,173	216,291	306,485	3,975	22,625	147,560	0	19,143	1,017,185
Dec-04	770	69,220	224,714	228,956	319,977	4,938	34,190	193,132	0	21,969	1,097,866
Jan-05	659	71,833	278,766	268,918	318,955	5,012	46,000	262,208	0	21,945	1,274,296
Feb-05	695	67,686	281,394	200,039	297,237	4,168	33,553	155,432	0	22,885	1,063,089
Mar-05	744	75,323	225,751	181,507	331,699	5,212	31,847	174,271	28	24,813	1,051,195
Total	9,903	829,924	2,116,599	1,959,130	3,656,569	46,804	277,351	1,725,140	28	249,481	10,870,929

Table B4: 2004/05 ROCs issued by generation technology type and month (in England and Wales)

Month	ACT	Biomass	Co-firing	Hydro < 20 MW DNC	Landfill gas	Micro hydro	Off-shore wind	On-shore wind	PV	Sewage gas	Total
Apr-04	618	56,781	99,052	10,690	276,855	98	13,448	57,016	0	18,805	533,363
May-04	843	74,759	73,595	9,094	284,765	124	7,551	26,806	0	20,175	497,712
Jun-04	875	61,035	72,288	6,365	270,052	134	15,575	54,789	0	18,921	500,034
Jul-04	883	61,875	101,414	7,631	278,879	154	11,919	43,836	0	19,212	525,803
Aug-04	1,003	65,160	128,798	11,570	280,881	186	15,625	48,170	0	18,793	570,186
Sep-04	1,014	66,308	164,634	18,144	277,314	183	24,890	95,919	0	18,832	667,238
Oct-04	924	63,267	185,779	28,813	293,970	233	20,128	92,073	0	21,711	706,898
Nov-04	875	62,577	226,836	20,168	288,029	212	22,625	70,224	0	19,114	710,660
Dec-04	770	63,667	217,397	18,804	299,947	203	34,190	95,994	0	21,675	752,647
Jan-05	659	66,048	273,109	28,765	298,326	188	46,000	137,386	0	21,722	872,203
Feb-05	695	63,639	274,351	16,948	277,648	180	33,553	80,364	0	22,527	769,905
Mar-05	744	70,452	218,237	12,296	308,789	964	31,847	93,392	28	24,421	761,170
Totals	9,903	775,568	2,035,490	189,288	3,435,455	2,859	277,351	895,969	28	245,908	7,867,819

Table B5: 2004/05 ROCs issued by generation technology type and month (in Scotland)

Month	ACT	Biomass	Co-firing	Hydro < 20 MW DNC	Landfill gas	Micro hydro	Off-shore wind	On-shore wind	Sewage gas	Total
Apr-04	0	3,953	8,382	112,129	15,098	3,517	0	53,957	417	197,453
May-04	0	4,076	6,518	91,527	17,087	2,205	0	29,676	174	151,263
Jun-04	0	5,715	5,791	59,829	16,791	1,933	0	56,581	0	146,640
Jul-04	0	4,699	7,803	70,611	17,666	2,545	0	38,585	509	142,418
Aug-04	0	3,704	5,975	96,569	17,234	3,397	0	47,878	375	175,132
Sep-04	0	3,568	6,259	150,293	17,434	4,363	0	82,763	498	265,178
Oct-04	0	3,904	6,513	190,154	18,190	4,427	0	64,488	304	287,980
Nov-04	0	4,481	6,337	196,123	18,456	3,763	0	77,336	29	306,525
Dec-04	0	5,553	7,317	210,152	20,030	4,735	0	97,138	294	345,219
Jan-05	0	5,785	5,657	240,153	20,629	4,824	0	124,822	223	402,093
Feb-05	0	4,047	7,043	183,091	19,589	3,988	0	75,068	358	293,184
Mar-05	0	4,871	7,514	169,211	22,910	4,248	0	80,879	392	290,025
Total	0	54,356	81,109	1,769,842	221,114	43,945	0	829,171	3,573	3,003,110

Table B6: 2004/05 ROCs and SROCs issued by location and month

Month	England	Scotland	Wales	Total
Apr-04	475,666	197,173	57,977	730,816
May-04	462,773	152,014	34,188	648,975
Jun-04	441,850	150,050	54,774	646,674
Jul-04	476,218	146,605	45,398	668,221
Aug-04	514,240	183,940	47,138	745,318
Sep-04	571,458	275,041	85,917	932,416
Oct-04	608,113	296,247	90,518	994,878
Nov-04	632,036	316,518	68,631	1,017,185
Dec-04	650,769	359,165	87,932	1,097,866
Jan-05	735,473	419,696	119,127	1,274,296
Feb-05	686,029	301,813	75,247	1,063,089
Mar-05	668,879	301,595	80,721	1,051,195
Total	6,923,504	3,099,857	847,568	10,870,929

Table B7: 2004/05 ROCs and SROCs issued by location and generation technology type

Technology type	England	Scotland	Wales	Total
ACT	9,903	0	0	9,903
Biomass	775,568	54,356	0	829,924
Co-firing	2,041,014	75,585	0	2,116,599
Hydro < 20 MW DNC	36,302	1,771,825	151,003	1,959,130
Landfill gas	3,335,570	221,114	99,885	3,656,569
Micro hydro	2,244	43,945	615	46,804

Off-shore wind	96,664	0	180,687	277,351
On-shore wind	378,400	933,032	413,708	1,725,140
PV	28	0	0	28
Sewage gas	247,811	0	1,670	249,481
Total	6,923,504	3,099,857	847,568	10,870,929

Table B8: 2004/05 ROCs issued by location and month

Month	England	Scotland	Wales	Total
Apr-04	475,249	137	57,977	533,363
May-04	462,599	925	34,188	497,712
Jun-04	441,850	3,410	54,774	500,034
Jul-04	475,709	4,696	45,398	525,803
Aug-04	513,865	9,183	47,138	570,186
Sep-04	570,960	10,361	85,917	667,238
Oct-04	607,809	8,571	90,518	706,898
Nov-04	631,377	10,652	68,631	710,660
Dec-04	649,581	15,134	87,932	752,647
Jan-05	733,889	19,187	119,127	872,203
Feb-05	683,682	10,976	75,247	769,905
Mar-05	667,837	12,612	80,721	761,170
Total	6,914,407	105,844	847,568	7,867,819

Table B9: 2004/05 ROCs issued by location and generation technology type

Technology type	England	Scotland	Wales	Total
ACT	9,903	0	0	9,903
Biomass	775,568	0	0	775,568
Co-firing	2,035,490	0	0	2,035,490
Hydro < 20 MW DNC	36,302	1,983	151,003	189,288
Landfill gas	3,335,570	0	99,885	3,435,455
Micro hydro	2,244	0	615	2,859
Off-shore wind	96,664	0	180,687	277,351
On-shore wind	378,400	103,861	413,708	895,969
PV	28	0	0	28
Sewage gas	244,238	0	1,670	245,908
Total	6,914,407	105,844	847,568	7,867,819

Table B10: 2004/05 SROCs issued by location and month

Month	England	Scotland	Wales	Total
Apr-04	417	197,036	0	197,453
May-04	174	151,089	0	151,263
Jun-04	0	146,640	0	146,640
Jul-04	509	141,909	0	142,418
Aug-04	375	174,757	0	175,132
Sep-04	498	264,680	0	265,178
Oct-04	304	287,676	0	287,980

Nov-04	659	305,866	0	306,525
Dec-04	1,188	344,031	0	345,219
Jan-05	1,584	400,509	0	402,093
Feb-05	2,347	290,837	0	293,184
Mar-05	1,042	288,983	0	290,025
Total	9,097	2,994,013	0	3,003,110

Table B11: 2004/05 SROCs issued by location and generation technology type

Technology type	England	Scotland	Wales	Total
ACT	0	0	0	0
Biomass	0	54,356	0	54,356
Co-firing	5,524	75,585	0	81,109
Hydro < 20 MW DNC	0	1,769,842	0	1,769,842
Landfill gas	0	221,114	0	221,114
Micro hydro	0	43,945	0	43,945
Off-shore wind	0	0	0	0
On-shore wind	0	829,171	0	829,171
Sewage gas	3,573	0	0	3,573
PV	0	0	0	0
Total	9,097	2,994,013	0	3,003,110

Table B12: Revoked and replaced ROCs/SROCs

Technology type	Total number of revoked ROCs	Total number of replacement ROCs	Total number of revoked SROCs	Total number of replacement SROCs
Biomass	33741	33529		
Co-firing	31821	29851		
Hydro < 20 MW DNC	89	54	4744	4675
Landfill gas	2608	1441	364	395
Micro hydro			89	88
On-shore wind	33417	24		
Totals	101676	64899	5197	5158

Appendix 5 - Accredited generating stations: detailed information

Table C1: Comparison of the number of accredited stations by generation technology type and location

Technology type	England	Scotland	Wales	Total
ACT	3	0	0	3
Biomass	11	2	0	13
Co-firing	28	2	0	30
Hydro <20 MW DNC	34	78	24	136
Landfill gas	269	20	10	299
Micro hydro	18	31	4	53
Off-shore wind	3	0	1	4
On-shore wind	70	38	27	135
Photovoltaics	12	1	0	13
Sewage gas	94	1	6	101
Wave Power	0	1	0	1
Total	542	174	72	788

Table C2: Comparison of the total installed generating capacity of accredited generating stations by technology type and location

Technology type	England (kW)	Scotland (kW)	Wales (kW)	Total (kW)
ACT	3,219	0	0	3,219
Biomass	147,725	12,677	0	160,402
Co-firing*	1,168,705	34,560	0	1,203,265
Hydro <20 MW DNC	13,543	439,032	75,802	528,377
Landfill gas	619,059	44,309	19,921	683,289
Micro hydro	702	12,297	129	13,128
Off-shore wind	63,800	0	60,000	123,800
On-shore wind	189,546	504,202	230,896	924,644
Photovoltaics	243	1	0	244
Sewage gas	74,793	1,006	1,509	77,308
Wave Power	0	750	0	750
Total	2,281,335	1,048,834	388,257	3,718,426

Table C3: Comparison of generating stations accredited before 1 April 2004 and after 1 April 2004 by technology type

Technology type	No of generators accredited before 1st April 2004	No of generators accredited after 1st April 2004	Capacity of generators accredited before 1st April 2004 (kW)	Capacity of generators accredited after 1st April 2004 (kW)
ACT	2	1	1,785	1,434
Biomass	12	1	160,102	300
Co-firing*	28	2	1,195,943	7,322
Hydro <20 MW DNC^	109	27	416,463	111,914
Landfill gas	257	42	600,790	82,499
Micro hydro^	37	16	11,802	1,326
Off-shore wind	3	1	63,800	60,000
On-shore wind	99	36	622,777	301,867
Photovoltaics	0	13	0	244
Sewage gas	62	39	58,227	19,081
Wave Power	0	1	0	750
Totals	609	179	3,131,689	586,737

* co-firing capacity is an estimate of the renewable capacity

^ a number of hydro <20MW DNC stations have been reaccredited as micro hydro stations

A similar comparison (for the first two years of the RO) can be found in our Second Annual report published in February 2005 (Ref 44/05) which is available on our website www.ofgem.gov.uk

Table C4: Comparison of generating stations commissioned before 1 April 2004 and after 1 April 2004 by technology type

Technology type	No of generators commissioned before 1st April 2004	No of generators commissioned after 1 April 2004	Capacity of generators commissioned before 1st April 2004 (kW)	Capacity of generators commissioned after 1st April 2004 (kW)
ACT	2	1	1,785	1,434
Biomass	12	1	160,102	300
Co-firing*	29	1	1,203,265	0
Hydro <20 MW DNC	130	6	491,875	36,502
Landfill gas	259	40	603,906	79,383
Micro hydro	47	6	12,057	1,071
Off-shore wind	3	1	63,800	60,000
On-shore wind	105	30	624,110	300,534
Photovoltaics	9	4	213	31
Sewage gas	66	35	59,766	17,542
Wave Power	0	1	0	750
Totals	662	126	3,220,879	497,547

*co-fired capacity is an estimate of the "renewable capacity". ROCs have not yet been issued to the newly commissioned station

Table C5: Comparison of generating stations accredited before 1 April 2004 and after 1 April 2004 by location

Country	No of generators accredited before 1st April 2004	No of generators accredited after 1st April 2004	Capacity of generators accredited before 1st April 2004 (kW)	Capacity of generators accredited after 1st April 2004 (kW)
England	420	122	2,092,273	189,062
Scotland	129	45	714,044	334,790
Wales	60	12	325,372	62,885
Totals	609	179	3,131,689	586,737

*co-fired capacity is an estimate of the "renewable capacity".

Table C6: Comparison of generating stations commissioned before 1 April 2004 and after 1 April 2004 by location

Country	No of generators commissioned before 1st April 2004	No of generators commissioned after 1st April 2004	Capacity of generators commission before 1st April 2004 (kW)	Capacity of generators commission after 1st April 2004 (kW)
England	443	99	2,103,325	178,010
Scotland	154	20	791,467	257,367
Wales	65	7	326,087	62,170
Totals	662	126	3,220,879	497,547

*co-fired capacity is an estimate of the "renewable capacity".

Table C7: Comparison of the number of NFFO/SRO and non-NFFO/non-SRO generating stations accredited before and after 1 April 2004

	Non-NFFO	NFFO	Non-SRO	SRO
Accredited before April 2004	252	226	100	34
Accredited after April 2004	114	22	37	3

Table C8: Comparison of the total installed capacity of NFFO/SRO and non-NFFO/non-SRO generating stations accredited before and after 1 April

	Non-NFFO (kW)	NFFO (kW)	Non-SRO (kW)	SRO (kW)	Totals
Accredited before April 2004	1,769,030	660,268	587,087	200,888	3,217,273
Accredited after April 2004	111,432	128,862	252,338	8,521	501,153

Table C9: Estimation of co-fired generating stations' "renewable capacity"

Generating station	Accreditation ID	Total installed generating capacity (kW)	Maximum renewable qualifying percentage in any month to date	Estimate of "renewable capacity"
Aberthaw B Power Station -A,C,E	R00036RBEN	1552500	1.62%	25151
Alcan Lynemouth Power Station	R00038RBEN	420000	98.94%	415548
Avonmouth STW CHP Generation - A,C,D,E	R00010RBEN	5750	98.94%	5689
Beckton STW Sludge Powered Generator - A, C, D	R00003RBEN	11400	96.59%	11011
Beddington STW	R00045RBEN	2520	65.95%	1662
Cottam Power Station - A,B,C,E	R00015RBEN	2000000	1.35%	27000
RB Crossness STW Sludge Powered Generator - A, C, D	R00004RBEN	5900	96.42%	5689
Deephams STW A, B, C, D, E	R00042RBEN	3320	75.73%	2514
Didcot 'A' Power Station - A, C	R00018RBEN	2100000	1.28%	26880
Drakelow Power Station - A,C,E	R00007RBEN	333000	0.00%	
Drax Power Station- A,C,E	R00035RBEN	4065000	2.13%	86585
Eggborough Power Ltd - A, C	R00039RBEN	2000000	1.13%	22600
Ferrybridge C Power Station - A,C,E	R00005RBEN	2035000	5.19%	105617
Fibrepower (Slough)-A,B,C (RB)	R00034RBEN	12000	98.55%	11826
Fiddler's Ferry Power Station - A,C,E	R00006RBEN	1995000	6.06%	120897
Ironbridge Power Station - A,C	R00008RBEN	970000	3.62%	35114
Kingsnorth Power Station	R00014RBEN	2034000	2.06%	41900
Longreach STW - A, C, D, E	R00040RBEN	2300	100.00%	2300
Maple Lodge STW - A, C, D, E	R00043RBEN	2880	90.70%	2612
Npower Cogen Ltd (Aylesford) CHP - C, D	R00049RBEN	99800	0.00%	
Ratcliffe-On-Soar Power Station	R00047RBEN	2034000	0.36%	7322
Rugeley Power Station - A,C, E	R00019RBEN	1000000	3.86%	38600
Shell Green Generation Plant - A,C,D,E	R00002RBEN	4200	0.00%	

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Slough Electricity Contracts Ltd - C	R00001RBEN	88100	88.54%	78004
The Heat Station - A,B,C	R00050RBEN	7140	0.00%	
Tilbury Power Station - A,C,E	R00013RBEN	1085000	0.36%	3906
West Burton Power Station - A,C	R00017RBEN	2040000	0.29%	5916
Wilton International - C, D	R00044RBEN	196650	42.90%	84363
Cockenzie Power Station	R00004SBEN	1200000	0.00%	
Longannet Power Station	R00001SBSC	2400000	1.44%	