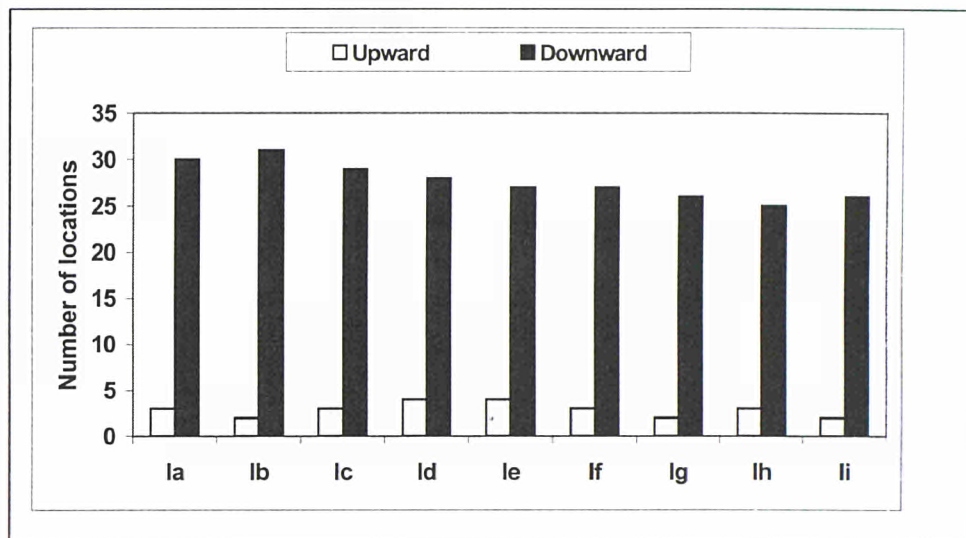


Electricity prices for EU industry on 1 January 1999: downward trend

Luis de la Fuente



A study of the variations in deflated VAT-excluded electricity prices for industry expressed in national currency from 1 July 1998 to 1 January 1999 reveals an average drop which affected all categories of standard consumers¹:

	la	lb	lc	ld	le	lf	lg	lh	li
Average ²	-2.26%	-2.29%	-2.22%	-2.71%	-3.22%	-3.16%	-4.03%	-3.93%	-4.10%

The biggest drops affected prices in Germany for le to li (between -8.1% and -18.8%) in the Southern Zone, for ld to lf (between -11.7% and -15.8%) in the Western Zone, for le to li (between -8.0% and -17.5%) in Leipzig, for lc to lh (between -8.7% and -11.8%) in Hannover and for le (-8.2%) in Munich. Other relevant drops were reported in Lisbon for lb to li (between -12.8% and -12.9%) and in Italy for li (-8.4%).

The main rises were recorded in the United Kingdom for ld (+5.1%) and le (+5.6%) in London and for lf (+9.3%) in Birmingham as well as in the Netherlands for lc (+4.2%) in North Brabant.

This publication includes all prices collected by EUROSTAT corresponding to 1 January 1999 expressed in national currencies, purchasing power standards (PPS) and euros¹.

¹ See methodological note for standard consumer definitions and conversion rates of PPS and euros.

² Arithmetic average of the variations in every location.

Statistics

in focus

ENVIRONMENT AND ENERGY

THEME 8 – 3/1999

ENERGY



Electricity prices for industry

January 1st, 1999

	National currency (/ kWh)			PPS (/ 100 kWh)			euro (/ 100 kWh)		
	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.
BELGIUM - National	BEF								
la	7.21	5.96	5.90	18.36	15.17	15.03	17.87	14.77	14.64
lb	7.25	5.99	5.99	18.45	15.25	15.25	17.96	14.84	14.84
lc	5.69	4.71	4.71	14.49	11.98	11.98	14.11	11.66	11.66
ld	4.26	3.52	3.52	10.85	8.96	8.96	10.56	8.73	8.73
le	3.81	2.98	2.98	9.18	7.59	7.59	8.94	7.39	7.39
lf	3.31	2.73	2.73	8.41	6.95	6.95	8.19	6.77	6.77
lg	2.71	2.24	2.24	8.89	5.69	5.69	6.71	5.54	5.54
lh	2.37	1.96	1.96	6.04	4.99	4.99	5.88	4.86	4.86
li	2.02	1.67	1.67	5.15	4.26	4.26	5.02	4.15	4.15
DENMARK (1) - National	1 / 100 DKK								
la	70.70	45.94	39.84	7.64	4.96	4.28	9.47	6.16	5.31
lb	70.34	45.65	39.35	7.60	4.93	4.25	9.43	6.12	5.27
lc	89.04	44.81	38.31	7.46	4.82	4.14	9.25	5.98	5.13
ld	68.43	42.52	36.22	7.17	4.59	3.91	8.90	5.70	4.85
le	66.28	42.39	36.09	7.16	4.58	3.90	8.88	5.68	4.84
lf	84.98	41.36	35.06	7.02	4.47	3.79	8.71	5.54	4.70
lg	82.53	39.40	33.10	6.75	4.28	3.57	8.38	5.28	4.44
lh	60.99	38.17	31.87	6.59	4.12	3.44	8.17	5.11	4.27
li	60.44	37.73	31.43	6.53	4.07	3.39	8.10	5.06	4.21
GERMANY - Düsseldorf	1 / 100 DEM								
la	30.81	26.56	26.56	14.60	12.59	12.59	15.74	13.57	13.57
lb	30.37	26.18	26.18	14.40	12.41	12.41	15.52	13.38	13.38
lc	26.43	22.79	22.79	12.53	10.80	10.80	13.51	11.65	11.65
ld	22.18	19.12	19.12	10.51	9.06	9.06	11.33	9.77	9.77
le	20.16	17.38	17.38	9.58	8.24	8.24	10.30	8.88	8.88
lf	18.29	15.77	15.77	8.67	7.47	7.47	9.35	8.06	8.06
lg	14.08	12.14	12.14	6.67	5.75	5.75	7.19	6.20	6.20
lh	15.25	13.15	13.15	7.23	6.23	6.23	7.79	6.72	6.72
li	12.60	10.66	10.66	5.97	5.15	5.15	6.44	5.55	5.55
Hamburg									
la	35.42	30.54	30.54	16.79	14.48	14.48	18.10	15.61	15.61
lb	35.42	30.54	30.54	16.79	14.48	14.48	18.10	15.61	15.61
lc	28.06	24.19	24.19	13.30	11.47	11.47	14.34	12.36	12.36
ld	21.82	18.81	18.81	10.34	8.92	8.92	11.15	9.61	9.61
le	17.61	15.18	15.18	8.35	7.20	7.20	9.00	7.76	7.76
lf	17.34	14.95	14.95	8.22	7.09	7.09	8.88	7.64	7.64
lg	14.15	12.20	12.20	6.71	5.78	5.78	7.23	6.23	6.23
lh	14.95	12.89	12.89	7.09	6.11	6.11	7.64	6.59	6.59
li	12.93	11.14	11.14	6.13	5.28	5.28	6.61	5.69	5.69
Hanover									
la	28.77	24.80	24.80	13.64	11.76	11.76	14.70	12.67	12.67
lb	28.21	24.32	24.32	13.37	11.53	11.53	14.42	12.43	12.43
lc	23.78	20.50	20.50	11.27	9.72	9.72	12.15	10.48	10.48
ld	19.66	16.95	16.95	9.32	8.03	8.03	10.05	8.66	8.66
le	16.30	14.05	14.05	7.73	6.66	6.66	8.33	7.18	7.18
lf	16.09	13.87	13.87	7.63	6.57	6.57	8.22	7.09	7.09
lg	12.57	10.84	10.84	5.96	5.14	5.14	6.42	5.54	5.54
lh	13.63	11.75	11.75	6.46	5.57	5.57	6.96	6.00	6.00
li	11.58	9.98	9.98	5.49	4.73	4.73	5.92	5.10	5.10
Western zone									
la	30.76	26.52	26.52	14.58	12.57	12.57	15.72	13.55	13.55
lb	30.77	26.52	26.52	14.58	12.57	12.57	15.72	13.55	13.55
lc	25.44	21.93	21.93	12.06	10.39	10.39	13.00	11.21	11.21
ld	19.75	17.03	17.03	9.38	8.07	8.07	10.09	8.70	8.70
le	18.79	14.48	14.48	7.96	6.88	6.88	8.58	7.40	7.40
lf	16.22	13.98	13.98	7.89	6.63	6.63	8.29	7.14	7.14
lg	13.47	11.81	11.61	6.38	5.50	5.50	6.86	5.93	5.93
lh	14.28	12.31	12.31	6.77	5.83	5.83	7.30	6.29	6.29
li	12.36	10.65	10.65	5.86	5.05	5.05	6.32	5.44	5.44
Frankfurt/M									
la	44.92	38.72	38.72	21.29	18.35	18.35	22.95	19.79	19.79
lb	44.58	38.43	38.43	21.13	18.22	18.22	22.78	19.64	19.64
lc	27.74	23.92	23.92	13.15	11.34	11.34	14.18	12.22	12.22
ld	23.03	19.86	19.88	10.92	9.41	9.41	11.77	10.15	10.15
le	18.92	16.31	16.31	8.97	7.73	7.73	9.67	8.33	8.33
lf	18.88	16.27	16.27	8.95	7.71	7.71	9.65	8.31	8.31
lg	15.58	13.43	13.43	7.38	6.37	6.37	7.96	6.86	6.86
lh	18.94	14.81	14.81	8.03	6.93	6.93	8.66	7.47	7.47
li	14.43	12.44	12.44	6.84	5.90	5.90	7.37	6.36	6.36
Stuttgart									
la	:	:	:	:	:	:	:	:	:
lb	:	:	:	:	:	:	:	:	:
lc	:	:	:	:	:	:	:	:	:
ld	:	:	:	:	:	:	:	:	:
le	:	:	:	:	:	:	:	:	:
lf	:	:	:	:	:	:	:	:	:
lg	:	:	:	:	:	:	:	:	:
lh	:	:	:	:	:	:	:	:	:
li	:	:	:	:	:	:	:	:	:

(1) The prices excluding VAT does not include the deductible taxes of 10 ORE/kWh for the CO2 tax and of 48.10 ORE/kWh for the energy tax. The rate of the SO2 (non deductible) is 1.3 ORE/kWh.

Electricity prices for industry

January 1st, 1999

	National currency (/ kWh)			PPS (/ 100 kWh)			euro (/ 100 kWh)		
	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.
GERMANY - Munich									
	1 / 100 DEM								
la	43.98	37.91	37.91	20.85	17.97	17.97	22.47	19.37	19.37
lb	43.45	37.46	37.46	20.60	17.76	17.76	22.20	19.14	19.14
lc	25.53	22.01	22.01	12.10	10.43	10.43	13.05	11.25	11.25
ld	20.04	17.28	17.28	9.50	8.19	8.19	10.24	8.83	8.83
le	16.12	13.90	13.90	7.64	6.59	6.59	8.24	7.10	7.10
lf	15.83	13.65	13.65	7.50	6.47	6.47	8.09	6.98	6.98
lg	13.44	11.59	11.59	6.37	5.49	5.49	6.87	5.92	5.92
lh	14.37	12.39	12.39	6.81	5.87	5.87	7.34	6.33	6.33
li	12.68	10.93	10.93	6.01	5.18	5.18	6.48	5.59	5.59
Southern zone									
la	37.77	32.56	32.56	17.90	15.43	15.43	19.30	18.64	18.64
lb	37.28	32.14	32.14	17.67	15.23	15.23	19.05	18.42	18.42
lc	33.05	28.49	28.49	15.67	13.50	13.50	16.89	14.58	14.58
ld	19.77	17.04	17.04	9.37	8.08	8.08	10.10	8.71	8.71
le	16.37	14.11	14.11	7.76	6.69	6.69	8.37	7.21	7.21
lf	15.81	13.63	13.63	7.49	6.46	6.46	8.08	6.96	6.96
lg	12.95	11.16	11.16	6.14	5.29	5.29	6.82	5.70	5.70
lh	13.91	11.99	11.99	6.59	5.68	5.68	7.11	6.13	6.13
li	11.65	10.04	10.04	5.52	4.76	4.76	5.95	5.13	5.13
Erfurt									
la	42.04	36.24	36.24	19.93	17.18	17.18	21.48	18.52	18.52
lb	41.56	35.83	35.83	19.70	16.98	16.98	21.24	18.31	18.31
lc	32.33	27.87	27.87	15.32	13.21	13.21	16.52	14.24	14.24
ld	24.22	20.88	20.88	11.48	9.90	9.90	12.38	10.67	10.67
le	20.20	17.42	17.42	9.57	8.26	8.26	10.32	8.90	8.90
lf	20.13	17.36	17.36	9.54	8.23	8.23	10.29	8.87	8.87
lg	17.19	14.82	14.82	8.15	7.02	7.02	8.78	7.57	7.57
lh	18.33	15.81	15.81	8.69	7.49	7.49	9.37	8.08	8.08
li	18.29	14.04	14.04	7.72	6.65	6.65	8.32	7.17	7.17
Leipzig									
la	32.94	28.39	28.39	15.61	13.46	13.46	16.83	14.51	14.51
lb	32.29	27.84	27.84	15.31	13.20	13.20	16.50	14.23	14.23
lc	30.13	25.98	25.98	14.28	12.31	12.31	15.40	13.28	13.28
ld	23.26	20.05	20.05	11.03	9.50	9.50	11.89	10.25	10.25
le	17.61	15.18	15.18	8.35	7.20	7.20	9.00	7.76	7.76
lf	16.74	14.43	14.43	7.93	6.84	6.84	8.55	7.37	7.37
lg	12.55	10.82	10.82	5.95	5.13	5.13	6.41	5.53	5.53
lh	14.42	12.43	12.43	6.84	5.89	5.89	7.37	6.35	6.35
li	11.08	9.55	9.55	5.25	4.53	4.53	5.66	4.88	4.88
Rostock									
la	43.67	37.65	37.65	20.70	17.85	17.85	22.32	19.24	19.24
lb	43.57	37.56	37.56	20.65	17.80	17.80	22.26	19.19	19.19
lc	34.19	29.47	29.47	16.21	13.97	13.97	17.47	15.06	15.06
ld	23.69	20.42	20.42	11.23	9.68	9.68	12.11	10.43	10.43
le	19.44	16.76	16.76	9.21	7.94	7.94	9.93	8.56	8.56
lf	19.38	16.71	16.71	9.19	7.92	7.92	9.90	8.54	8.54
lg	16.70	14.40	14.40	7.92	6.83	6.83	8.53	7.38	7.38
lh	16.59	14.30	14.30	7.86	6.78	6.78	8.48	7.31	7.31
li	14.40	12.41	12.41	6.83	5.88	5.88	7.36	6.34	6.34
GREECE - Athens									
	GRD								
la	30.11	27.88	27.88	12.10	11.21	11.21	9.30	8.61	8.61
lb	30.00	27.78	27.78	12.06	11.17	11.17	9.27	8.58	8.58
lc	27.69	25.64	25.64	11.13	10.31	10.31	8.58	7.92	7.92
ld	22.06	20.43	20.43	8.87	8.21	8.21	6.82	6.31	6.31
le	20.41	18.90	18.90	8.20	7.60	7.60	6.31	5.84	5.84
lf	20.41	18.90	18.90	8.20	7.60	7.60	6.31	5.84	5.84
lg	17.17	15.90	15.90	6.90	6.39	6.39	5.31	4.91	4.91
lh	16.05	14.86	14.86	6.45	5.97	5.97	4.96	4.59	4.59
li	14.07	13.03	13.03	5.66	5.24	5.24	4.35	4.03	4.03
SPAIN - Madrid									
	ESP								
la	19.82	17.08	16.25	14.77	12.72	12.11	11.91	10.27	9.77
lb	19.82	17.08	16.25	14.77	12.72	12.11	11.91	10.27	9.77
lc	14.97	12.90	12.27	11.15	9.61	9.14	9.00	7.75	7.37
ld	13.75	11.85	11.28	10.24	8.83	8.40	8.28	7.12	6.78
le	12.65	10.91	10.38	9.42	8.13	7.73	7.60	6.58	6.24
lf	11.85	10.22	9.72	8.83	7.61	7.24	7.12	6.14	5.84
lg	10.66	9.19	8.74	7.94	6.85	6.51	6.41	5.52	5.25
lh	10.68	9.21	8.76	7.96	6.88	6.53	6.42	5.54	5.26
li	9.85	8.49	8.08	7.34	6.33	6.02	5.92	5.10	4.86
FRANCE - Paris									
	1 / 100 FRF								
la	76.29	64.82	58.63	10.99	9.33	8.44	11.60	9.85	8.91
lb	71.63	60.95	58.63	10.31	8.78	8.44	10.89	9.28	8.91
lc	66.47	56.09	53.95	9.57	8.08	7.77	10.10	8.53	8.20
ld	52.47	44.81	44.81	7.56	6.45	6.45	7.98	6.81	6.81
le	44.49	38.25	38.25	6.41	5.51	5.51	6.78	5.81	5.81
lf	44.49	38.25	38.25	6.41	5.51	5.51	6.78	5.81	5.81
lg	38.80	33.08	33.08	5.61	4.78	4.78	5.91	5.04	5.04
lh	35.75	30.47	30.47	5.15	4.39	4.39	5.43	4.63	4.63
li	32.02	27.45	27.45	4.61	3.95	3.95	4.87	4.17	4.17

Electricity prices for industry

January 1st, 1999

	National currency (/ kWh)			PPS (/ 100 kWh)			euro (/ 100 kWh)		
	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.
FRANCE - Lille	1 / 100 FRF								
la	75.61	64.26	58.63	10.89	9.25	8.44	11.49	9.77	8.91
lb	71.37	60.74	58.63	10.28	8.75	8.44	10.85	9.23	8.91
lc	66.23	55.90	53.95	9.54	8.05	7.77	10.07	8.50	8.20
ld	52.47	44.81	44.81	7.56	6.45	6.45	7.98	6.81	6.81
le	44.49	38.25	38.25	8.41	5.51	5.51	8.76	5.81	5.81
lf	44.49	38.25	38.25	6.41	5.51	5.51	6.76	5.81	5.81
lg	38.80	33.08	33.08	5.61	4.78	4.78	5.91	5.04	5.04
lh	35.75	30.47	30.47	5.15	4.39	4.39	5.43	4.63	4.63
li	32.02	27.45	27.45	4.61	3.95	3.95	4.87	4.17	4.17
Strasbourg									
la	75.61	64.26	58.63	10.89	9.25	8.44	11.49	9.77	8.91
lb	71.37	60.74	58.63	10.28	8.75	8.44	10.85	9.23	8.91
lc	66.23	55.90	53.95	9.54	8.05	7.77	10.07	8.50	8.20
ld	52.47	44.81	44.81	7.56	6.45	6.45	7.98	6.81	6.81
le	44.49	38.25	38.25	6.41	5.51	5.51	6.76	5.81	5.81
lf	44.49	38.25	38.25	6.41	5.51	5.51	6.76	5.81	5.81
lg	38.80	33.08	33.08	5.61	4.78	4.78	5.91	5.04	5.04
lh	35.75	30.47	30.47	5.15	4.39	4.39	5.43	4.63	4.63
li	32.02	27.45	27.45	4.61	3.95	3.95	4.87	4.17	4.17
Lyon (1)									
la	71.09	60.51	58.63	10.24	8.71	8.44	10.81	9.20	8.91
lb	69.67	59.33	58.63	10.03	8.54	8.44	10.59	9.02	8.91
lc	64.67	54.60	53.95	9.31	7.86	7.77	9.83	8.30	8.20
ld	52.47	44.81	44.81	7.56	6.45	6.45	7.98	6.81	6.81
le	44.49	38.25	38.25	6.41	5.51	5.51	6.76	5.81	5.81
lf	44.49	38.25	38.25	6.41	5.51	5.51	6.76	5.81	5.81
lg	38.80	33.08	33.08	5.61	4.78	4.78	5.91	5.04	5.04
lh	35.75	30.47	30.47	5.15	4.39	4.39	5.43	4.63	4.63
li	32.02	27.45	27.45	4.61	3.95	3.95	4.87	4.17	4.17
IRELAND - Dublin	1 / 100 IEP								
la	11,318	10,060	10,060	15.08	13.40	13.40	14.37	12.78	12.78
lb	11,185	9,942	9,942	14.90	13.24	13.24	14.20	12.63	12.83
lc	9,840	8,569	8,569	12.84	11.41	11.41	12.24	10.88	10.88
ld	7,142	6,348	6,348	9.51	8.48	8.48	9.07	8.06	8.06
le	5,861	5,210	5,210	7.81	6.94	6.94	7.44	6.62	6.62
lf	5,472	4,864	4,864	7.29	6.48	6.48	6.95	6.18	6.18
lg	4,699	4,177	4,177	6.26	5.56	5.56	5.97	5.30	5.30
lh	4,730	4,204	4,204	6.30	5.80	5.60	6.01	5.34	5.34
li	4,293	3,816	3,816	5.72	5.08	5.08	5.45	4.85	4.85
ITALY - National	ITL								
la	358.71	326.10	277.10	20.81	18.91	16.07	18.65	16.96	14.41
lb	296.56	269.60	218.20	17.20	15.64	12.66	15.42	14.02	11.35
lc	243.90	221.73	170.33	14.15	12.86	9.88	12.68	11.53	8.88
ld	224.64	204.22	152.82	13.03	11.84	8.86	11.68	10.62	7.95
le	194.16	176.51	125.11	11.26	10.24	7.26	10.10	9.18	6.51
lf	177.74	161.58	125.11	10.31	9.37	7.26	9.24	8.40	6.51
lg	141.74	128.85	101.63	8.22	7.47	5.89	7.37	6.70	5.28
lh	133.46	121.33	95.54	7.74	7.04	5.54	6.94	6.31	4.97
li	116.02	105.47	79.94	6.73	6.12	4.64	6.03	5.48	4.16
LUXEMBOURG - National 50% (2) (3)	LUF								
la	5.64	5.51	5.51	13.44	12.68	12.68	14.48	13.66	13.66
lb	5.92	5.59	5.59	13.62	12.85	12.85	14.68	13.85	13.85
lc	4.56	4.30	4.30	10.48	9.88	9.88	11.29	10.65	10.65
ld	3.71	3.50	3.50	8.54	8.05	8.05	9.20	8.68	8.68
le	3.15	2.97	2.97	7.24	6.83	6.83	7.80	7.36	7.36
lf	2.46	2.32	2.32	5.65	5.33	5.33	6.09	5.75	5.75
lg	2.02	1.91	1.91	4.65	4.39	4.39	5.02	4.73	4.73
lh	2.10	1.98	1.98	4.83	4.56	4.56	5.21	4.92	4.92
li	1.85	1.75	1.75	4.26	4.02	4.02	4.60	4.34	4.34
National 0% (2)									
la	7.35	6.93	6.93	16.90	15.95	15.95	18.22	17.19	17.19
lb	7.30	6.89	6.89	16.79	15.84	15.84	18.10	17.07	17.07
lc	4.56	4.30	4.30	10.48	9.88	9.88	11.29	10.65	10.65
ld	4.27	4.03	4.03	9.62	9.27	9.27	10.59	9.99	9.99
le	3.50	3.30	3.30	8.04	7.59	7.59	8.67	8.18	8.18
lf	2.46	2.32	2.32	5.65	5.33	5.33	6.09	5.75	5.75
lg	2.02	1.91	1.91	4.65	4.39	4.39	5.02	4.73	4.73
lh	2.10	1.98	1.98	4.83	4.56	4.56	5.21	4.92	4.92
li	1.85	1.75	1.75	4.26	4.02	4.02	4.60	4.34	4.34
National 100% (2)									
la	4.57	4.31	4.31	10.52	9.92	9.92	11.34	10.69	10.69
lb	4.49	4.24	4.24	10.33	9.75	9.75	11.14	10.51	10.51
lc	3.68	3.47	3.47	8.46	7.98	7.98	9.12	8.60	8.80
ld	3.15	2.97	2.97	7.25	6.84	6.84	7.81	7.37	7.37
le	2.80	2.64	2.64	6.43	6.07	6.06	6.93	6.54	6.53
lf	2.48	2.32	2.32	5.65	5.33	5.33	6.09	5.75	5.75
lg	2.02	1.91	1.91	4.65	4.39	4.39	5.02	4.73	4.73
lh	2.10	1.98	1.98	4.83	4.56	4.58	5.21	4.92	4.92
li	1.85	1.75	1.75	4.26	4.02	4.02	4.60	4.34	4.34

(1) Prices also valid for: Marseille, Toulouse

(2) Power reduction

(3) Taken for community comparison

Electricity prices for industry

January 1st, 1999

	National currency (/ kWh)			PPS (/ 100 kWh)			euro (/ 100 kWh)		
	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.
NETHERLANDS - Rotterdam	1 / 100 NLG								
la	30.42	25.89	22.22	13.35	11.37	9.75	13.81	11.75	10.09
lb	30.27	25.76	22.27	13.29	11.31	9.78	13.74	11.70	10.11
lc	29.32	24.95	23.71	12.87	10.95	10.41	13.31	11.33	10.78
ld	19.83	16.88	16.53	8.71	7.41	7.26	9.00	7.66	7.50
le	16.17	13.76	13.46	7.10	6.04	5.91	7.34	6.25	8.11
lf	15.64	13.31	13.07	6.87	5.84	5.74	7.10	6.04	5.93
lg	12.61	10.73	10.63	5.54	4.71	4.67	5.72	4.87	4.83
lh	13.41	11.41	11.36	5.89	5.01	4.99	6.09	5.18	5.16
li	11.80	10.04	10.01	5.18	4.41	4.39	5.36	4.58	4.54
North Holland									
la	27.62	23.51	19.84	12.13	10.32	8.71	12.54	10.67	9.01
lb	27.48	23.39	19.90	12.06	10.27	8.74	12.48	10.62	9.03
lc	26.30	22.38	21.14	11.55	9.82	9.28	11.94	10.18	9.60
ld	18.14	15.44	15.09	7.96	6.78	6.62	8.24	7.01	6.85
le	15.23	12.96	12.66	6.69	5.69	5.56	8.91	5.88	5.75
lf	14.64	12.46	12.22	6.43	5.47	5.36	6.65	5.66	5.55
lg	12.57	10.70	10.60	5.52	4.70	4.65	5.71	4.86	4.81
lh	13.21	11.24	11.19	5.80	4.93	4.91	6.00	5.10	5.08
li	11.67	9.93	9.90	5.12	4.36	4.35	5.30	4.51	4.49
North Brabant									
la	28.00	22.13	18.48	11.41	9.72	8.10	11.60	10.05	8.38
lb	26.33	22.41	18.92	11.56	9.84	8.31	11.95	10.17	8.59
lc	23.37	19.89	18.65	10.26	8.73	8.19	10.81	9.03	8.47
ld	16.93	14.41	14.06	7.43	6.33	6.17	7.89	6.54	6.38
le	14.36	12.24	11.94	6.31	5.37	5.24	6.53	5.58	5.42
lf	14.25	12.13	11.89	6.28	5.33	5.22	6.47	5.51	5.40
lg	12.64	10.76	10.66	5.55	4.72	4.68	5.74	4.89	4.84
lh	13.04	11.10	11.05	5.72	4.87	4.85	5.92	5.04	5.02
li	12.07	10.27	10.24	5.30	4.51	4.50	5.48	4.66	4.65
AUSTRIA - Oberösterreich/Tyrol/Vienna	ATS								
la	2.58	2.15	2.05	17.77	14.81	14.12	18.76	15.83	14.90
lb	2.80	2.33	2.23	19.28	16.06	15.38	20.35	18.96	18.23
lc	2.04	1.70	1.60	14.03	11.69	11.01	14.82	12.35	11.82
ld	1.69	1.41	1.31	11.60	9.67	8.98	12.25	10.21	9.48
le	1.38	1.15	1.05	9.51	7.93	7.24	10.04	8.37	7.84
lf	1.31	1.10	1.00	9.04	7.54	6.85	9.55	7.96	7.23
lg	1.11	0.92	0.82	7.63	6.35	5.66	8.05	6.71	5.98
lh	1.05	0.87	0.77	7.22	6.02	5.33	7.62	6.35	5.82
li	0.96	0.80	0.70	6.64	5.53	4.84	7.01	5.84	5.11
PORTUGAL - Lisbon	PTE								
la	22,450	21,380	21,360	16.61	15.82	15.81	11.20	10.67	10.66
lb	22,010	20,960	20,950	16.29	15.51	15.50	10.98	10.48	10.45
lc	18,040	17,180	17,170	13.35	12.71	12.71	9.00	8.57	8.57
ld	15,390	14,960	14,660	11.39	10.85	10.65	7.68	7.32	7.32
le	13,610	12,960	12,960	10.07	9.59	9.59	6.79	6.47	6.47
lf	13,610	12,960	12,960	10.07	9.59	9.59	6.79	6.47	6.47
lg	11,100	10,570	10,570	8.21	7.82	7.82	5.54	5.27	5.27
lh	9,940	9,470	9,470	7.36	7.01	7.01	4.96	4.73	4.73
li	9,140	8,700	8,700	6.76	6.44	6.44	4.56	4.34	4.34
San Miguel Azores									
la	32,420	31,180	31,180	23.99	23.07	23.07	18.18	15.56	15.58
lb	29,270	28,150	28,150	21.66	20.83	20.83	14.61	14.05	14.05
lc	25,200	24,230	24,230	18.65	17.93	17.93	12.57	12.09	12.09
ld	22,460	21,600	21,600	16.62	15.98	15.98	11.21	10.78	10.78
le	20,620	19,830	19,830	15.26	14.67	14.67	10.29	9.90	9.90
lf	20,620	19,830	19,830	15.26	14.67	14.67	10.29	9.90	9.90
lg	:	:	:	:	:	:	:	:	:
lh	:	:	:	:	:	:	:	:	:
li	:	:	:	:	:	:	:	:	:
FINLAND - National	1 / 100 FIN								
la	43.03	35.27	32.89	6.67	5.47	5.07	7.23	5.93	5.49
lb	43.56	35.71	33.13	6.75	5.54	5.14	7.32	6.00	5.57
lc	40.33	33.06	30.48	6.25	5.12	4.72	6.78	5.55	5.12
ld	35.09	28.76	26.19	5.44	4.48	4.06	5.90	4.83	4.40
le	31.32	25.68	23.10	4.85	3.98	3.58	5.26	4.31	3.88
lf	30.91	25.33	22.76	4.79	3.93	3.53	5.19	4.28	3.82
lg	28.25	23.16	20.58	4.38	3.59	3.19	4.75	3.89	3.48
lh	23.47	19.23	16.66	3.64	2.98	2.58	3.94	3.23	2.80
li	22.62	18.54	15.97	3.51	2.87	2.48	3.80	3.11	2.68
SWEDEN - National	1 / 100 SEK								
la	70.50	56.40	56.40	6.63	5.30	5.30	7.76	6.20	6.20
lb	71.50	57.20	57.20	6.72	5.38	5.38	7.87	6.29	6.29
lc	62.00	49.60	49.60	5.83	4.66	4.66	6.82	5.46	5.46
ld	50.38	40.30	40.30	4.74	3.79	3.79	5.54	4.43	4.43
le	39.50	31.60	31.60	3.71	2.97	2.97	4.35	3.48	3.48
lf	36.00	28.80	28.80	3.38	2.71	2.71	3.96	3.17	3.17
lg	31.38	25.10	25.10	2.95	2.36	2.36	3.45	2.78	2.78
lh	31.13	24.90	24.90	2.93	2.34	2.34	3.42	2.74	2.74
li	29.13	23.30	23.30	2.74	2.19	2.19	3.20	2.56	2.56

Electricity prices for industry

January 1st, 1999

	National currency (/ kWh)			PPS (/ 100 kWh)			euro (/ 100 kWh)		
	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.
UNITED KINGDOM - London	1 / 100 GBP								
Ia	8.12	6.91	6.91	11,530	9,810	9,810	11,550	9,830	9,830
Ib	7.98	6.79	6.79	11,340	9,650	9,650	11,360	9,670	9,670
Ic	6.61	5.62	5.62	9,380	7,980	7,980	9,400	8,000	8,000
Id	5.47	4.66	4.66	7,770	6,620	6,620	7,790	6,630	6,630
Ie	4.91	4.16	4.16	6,970	5,930	5,930	6,980	5,940	5,940
If	:	:	:	:	:	:	:	:	:
Ig	:	:	:	:	:	:	:	:	:
Ih	:	:	:	:	:	:	:	:	:
Ii	:	:	:	:	:	:	:	:	:
Leeds									
Ia	7.79	6.63	6.63	11,060	9,410	9,410	11,090	9,430	9,430
Ib	7.78	6.62	6.62	11,040	9,400	9,400	11,070	9,420	9,420
Ic	7.49	6.37	6.37	10,830	9,050	9,050	10,660	9,070	9,070
Id	6.00	5.11	5.11	8,520	7,250	7,250	8,540	7,270	7,270
Ie	:	:	:	:	:	:	:	:	:
If	:	:	:	:	:	:	:	:	:
Ig	:	:	:	:	:	:	:	:	:
Ih	:	:	:	:	:	:	:	:	:
Ii	:	:	:	:	:	:	:	:	:
Birmingham									
Ia	8.45	7.19	7.19	12,000	10,210	10,210	12,020	10,230	10,230
Ib	8.39	7.14	7.14	11,910	10,140	10,140	11,940	10,160	10,160
Ic	7.20	6.13	6.13	10,220	8,700	8,700	10,240	8,720	8,720
Id	5.74	4.88	4.88	8,150	6,930	6,930	8,160	6,950	6,950
Ie	4.94	4.21	4.21	7,020	5,970	5,970	7,030	5,990	5,990
If	4.65	3.96	3.96	6,600	5,620	5,620	6,610	5,630	5,630
Ig	:	:	:	:	:	:	:	:	:
Ih	:	:	:	:	:	:	:	:	:
Ii	:	:	:	:	:	:	:	:	:
Glasgow									
Ia	8.68	7.39	7.39	12,330	10,490	10,490	12,350	10,510	10,510
Ib	8.40	7.15	7.15	11,930	10,160	10,160	11,960	10,180	10,180
Ic	:	:	:	:	:	:	:	:	:
Id	:	:	:	:	:	:	:	:	:
Ie	:	:	:	:	:	:	:	:	:
If	:	:	:	:	:	:	:	:	:
Ig	:	:	:	:	:	:	:	:	:
Ih	:	:	:	:	:	:	:	:	:
Ii	:	:	:	:	:	:	:	:	:
NORWAY (1) - National	1 / 100 NOK								
Ia	54,000	43,900	43,900	5.18	4.21	4.21	8.28	5.09	5.09
Ib	51,400	41,800	41,800	4.93	4.01	4.01	5.96	4.85	4.85
Ic	54,000	43,900	43,900	5.18	4.21	4.21	8.26	5.09	5.09
Id	42,500	34,500	34,500	4.08	3.31	3.31	4.93	4.00	4.00
Ie	36,600	29,800	29,800	3.51	2.86	2.86	4.25	3.46	3.46
If	31,300	25,400	25,400	3.00	2.44	2.44	3.63	2.95	2.95
Ig	25,300	20,600	20,600	2.43	1.98	1.98	2.93	2.39	2.39
Ih	24,000	19,500	19,500	2.30	1.87	1.87	2.78	2.26	2.26
Ii	23,300	19,000	19,000	2.24	1.82	1.82	2.70	2.20	2.20

(1) In the framework of the agreements concluded between the member countries of the European Economic Agreement (EEA), prices for Norway are also published

Marker prices in national currency

January 1st, 1999

(/ kWh)

	25 MW			50 MW			75 MW		
	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.
BELGIUM - National	BEF								
	2.07	1.71	1.71	1.94	1.60	1.60	1.91	1.58	1.58
GERMANY - North-center	1 / 100 DEM								
Lowest	13.27	11.44	11.44	12.92	11.14	11.14	12.63	10.89	10.89
Highest	11.81	10.18	10.18	9.36	8.07	8.07	11.17	9.83	9.83
West									
Lowest	13.07	11.27	11.27	12.70	10.95	10.95	12.41	10.70	10.70
Highest	8.93	7.70	7.70	8.97	8.59	8.59	9.52	8.21	8.21
South									
Lowest	17.48	15.07	15.07	18.98	14.64	14.64	16.17	13.84	13.84
Highest	11.19	9.65	9.65	10.89	9.22	9.22	10.24	8.83	8.83
East									
Lowest	15.31	13.20	13.20	15.00	12.93	12.93	13.92	12.00	12.00
Highest	12.08	10.41	10.41	11.48	9.90	9.90	10.97	9.46	9.46
GREECE - National	GRD								
	13.47	12.47	12.47	13.47	12.47	12.47	13.47	12.47	12.47
SPAIN - National	ESP								
	5.73	4.94	4.70	5.73	4.94	4.70	5.73	4.94	4.70

Marker prices in national currency

January 1st, 1999

(/ kWh)

	25 MW			50 MW			75 MW		
	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.
FRANCE - National	1 / 100 FRF								
Base : 5000 Hours	33.94	29.68	29.68	31.10	27.14	27.14	30.23	26.29	26.29
Base : -6%	31.90	27.90	27.90	29.24	25.51	25.51	28.42	24.71	24.71
Base : -8%	31.22	27.30	27.30	28.62	24.97	24.97	27.81	24.18	24.18
Base : -10%	30.54	26.71	26.71	27.99	24.42	24.42	27.21	23.66	23.66
ITALY - National	ITL								
	109.91	99.92	74.80	107.42	97.65	72.67	106.59	96.90	71.96
NETHERLANDS - National	1 / 100 NLG								
Lowest	11.42	9.72	9.72	11.52	9.80	9.80	:	:	:
Highest	12.30	10.47	10.47	12.44	10.59	10.59	:	:	:
PORTUGAL - National	PTE								
Lowest	7.96	7.58	7.58	8.38	7.98	7.98	:	:	:
Highest	10.04	9.56	9.56	9.38	8.93	8.93	:	:	:
Reference	8.70	8.29	8.29	9.02	8.59	8.59	:	:	:
UNITED KINGDOM - National	1 / 100 GBP								
	4.12	3.50	3.50	3.80	3.23	3.23	:	:	:
NORWAY - National	1/100 NOK								
Lowest	11.10	9.00	9.00	6.30	5.10	5.10	7.40	6.00	6.00
Highest	26.80	21.80	21.80	26.60	21.60	21.60	26.40	21.50	21.50

DENMARK, IRELAND, LUXEMBOURG, AUSTRIA, FINLAND and SWEDEN: Confidential marker prices, less than 3 consumers in the category

ITALIA: "national" series since 1.1.94

ESSENTIAL INFORMATION – METHODOLOGICAL NOTE

Nine standard industrial users, coded la to li were chosen:

Standard Consumer	Annual consumption (kWh)	Maximum demand (kW)	Annual utilisation (in hours)
la	30 000	30	1 000
lb	50 000	50	1 000
lc	160 000	100	1 600
ld	1 250 000	500	2 500
le	2 000 000	500	4 000
lf	10 000 000	2 500	4 000
lg	24 000 000	4 000	6 000
lh	50 000 000	10 000	5 000
li	70 000 000	10 000	7 000

Prices for the standard consumers are given in national currencies, PPS (estimated purchasing power standard, annual estimated value, as at 11 February for 1999) and in euro (average value for January 1999).

Conversion table in PPS and euro

1 PPS =

B (BEF)	39.27	E (ESP)	134.30	L (LUF)	43.48	FIN (FIM)	6.44
DK (DKK)	9.28	F (FRF)	6.92	NL (NLG)	2.28	S (SEK)	10.59
D (DEM)	2.11	IRL (IEP)	0.75	A (ATS)	14.53	UK (GBP)	0.70
EL (GRD)	248.97	I (ITL)	1738.68	P (PTE)	135.14	NO (NOK)	10.47

1 euro =

B (BEF)	40.3399	E (ESP)	166.386	L (LUF)	40.3399	FIN (FIM)	5.94573
DK (DKK)	7.44	F (FRF)	6.55957	NL (NLG)	2.20371	S (SEK)	9.08
D (DEM)	1.95583	IRL (IEP)	0.787564	A (ATS)	13.7603	UK (GBP)	0.70
EL (GRD)	323.56	I (ITL)	1936.27	P (PTE)	200.482	NO (NOK)	8.65

Further information:

➤ Databases

New Cronos
Sirene

To obtain information or to order publications, data bases and special sets of data, please contact the **Data Shop** network:

BELGIQUE/BELGIË	DANMARK	DEUTSCHLAND	ESPAÑA	FRANCE	ITALIA – Roma
Eurostat Data Shop Bruxelles/Brussel Chaussée d'Etterbeek 13 Etterbeeksesteenweg 13 B-1049 BRUXELLES / BRUSSEL Tel. (32-2) 299 66 66 Fax (32-2) 295 01 25 E-Mail: datashop.brussels@eurostat.cec.be	DANMARKS STATISTIK Bibliotek og Information Eurostat Data Shop Sejrgade 11 DK-2100 KØBENHAVN Ø Tel. (45-39) 17 30 30 Fax (45-39) 17 30 03 E-Mail: bib@dst.dk	STATISTISCHES BUNDESAMT Eurostat Data Shop Berlin Otto-Braun-Straße 70-72 D-10178 BERLIN Tel. (49-30) 23 24 64 27/28 Fax (49-30) 23 24 64 30 E-Mail: stba-berlin.datashop@t-online.de	INE Eurostat Data Shop Paseo de la Castellana, 183 Oficina 009 Entrada por Estébanez Calderón E-28046 MADRID Tel. (34-91) 583 91 67 Fax (34-91) 579 71 20 E-Mail: datashop.eurostat@ine.es	INSEE Info Service Eurostat Data Shop 195, rue de Bercy Tour Gamma A F-75582 PARIS CEDEX 12 Tel. (33-1) 53 17 88 44 Fax (33-1) 53 17 88 22 E-Mail: datashop@insee.fr	ISTAT Centro di Informazione Statistica Sede di Roma, Eurostat Data Shop Via Cesare Balbo, 11a I-00184 ROMA Tel. (39-06) 46 73 31 05/02 Fax (39-06) 46 73 31 07/01 E-Mail: dipdiff@istat.it
ITALIA – Milano	LUXEMBOURG	NEDERLAND	NORGE	PORTUGAL	SCHWEIZ/SUISSE/SVIZZERA
ISTAT Centro di Informazione Statistica – Sede di Milano, Eurostat Data Shop Piazza della Repubblica, 22 I-20124 MILANO Tel. (39-02) 65 95 133/134 Fax (39-02) 65 30 75 E-mail: mileuro@tin.it	Eurostat Data Shop Luxembourg BP 453 L-2014 LUXEMBOURG 4, rue A. Weicker L-2721 LUXEMBOURG Tel. (352) 43 35 22 51 Fax (352) 43 35 22 21 E-Mail: dslux@eurostat.datashop.lu	STATISTICS NETHERLANDS Eurostat Data Shop-Voorburg po box 4000 2270 JM VOORBURG Nederland Tel. (31-70) 337 49 00 Fax (31-70) 337 59 84 E-Mail: datashop@cbs.nl	Statistics Norway Library and Information Centre Eurostat Data Shop Kongens gate 6 P. b. 8131, dep. N-0033 OSLO Tel. (47-22) 86 46 43 Fax (47-22) 86 45 04 E-Mail: biblioteket@ssb.no	Eurostat Data Shop Lisboa INE/Serviço de Difusão Av. António José de Almeida, 2 P-1000-043 LISBOA Tel. (351-1) 842 61 00 Fax (351-1) 842 63 64 E-Mail: data.shop@ine.pt	Statistisches Amt des Kantons Zürich, Eurostat Data Shop Bleichenweg 5 CH-8090 Zürich Tel. (41-1) 225 12 12 Fax (41-1) 225 12 99 E-Mail: datashop@zh.ch Internetadresse: http://www.zh.ch/statistik
SUOMI/FINLAND	SVERIGE	UNITED KINGDOM	UNITED KINGDOM	UNITED STATES OF AMERICA	
Eurostat Data Shop, Tilastokirjasto Postiosoite: PL 2B FIN-00022 Tilastokeskus Käyntiosoite: Työpajakatu 13 B, 2 krs Helsinki Tel. (358-9) 17 34 22 21 Fax (358-9) 17 34 22 79 S-posti datashop.tilastokeskus@tilastokeskus.fi Internetadresse: http://www.tilastokeskus.fi/tilastok/datashop.html	STATISTICS SWEDEN Information service Eurostat Data Shop Karlavägen 100 Box 24 300 S-104 51 STOCKHOLM Tel. (46-8) 783 48 01 Fax (46-8) 783 48 99 E-Mail: infoservice@scb.se	Eurostat Data Shop Enquiries & advice and publications Office for National Statistics Customers & Electronic Services Unit 1 Drummond Gate - B1/05 UK-LONDON SW1V 2QQ Tel. (44-171) 533 56 76 Fax (44-171) 533 56 88 E-Mail: gloria.ryan@ons.gov.uk	Eurostat Data Shop Electronic Data Extractions, Enquiries & advice - R.CADE Unit 1L Mounjoey Research Centre University of Durham UK - DURHAM DH1 3SW Tel: (44-191) 374 7350 Fax: (44-191) 384 4971 E-Mail: r-CADE@dur.ac.uk URL: http://www-rcade.dur.ac.uk	HAVER ANALYTICS Eurostat Data Shop 60 East 42nd Street Suite 3310 USA-NEW YORK, NY 10165 Tel. (1-212) 986 93 00 Fax (1-212) 986 58 57 E-Mail: eurodata@haver.com	

Media Support Eurostat (for professional journalists only).

Bech Building Office A3/48 • L-2920 Luxembourg • Tel. (352) 4301 33408 • Fax (352) 4301 32649 • e-mail: media.support@eurostat.cec.be

For information on methodology

Luis de la Fuente, Eurostat/ F4, L-2920 Luxembourg, Tel. (352) 4301 32040, Fax (352) 4301 32839

ORIGINAL: English

Please visit our web site at <http://europa.eu.int/eurostat.html> for further information!

A list of worldwide sales outlets is available at the **Office for Official Publications of the European Communities**.

2 rue Mercier – L-2985 Luxembourg
 Tel. (352) 2929 42118 Fax (352) 2929 42709
 Internet Address <http://eur-op.eu.int/fr/general/s-ad.htm>
 e-mail: info.info@opoce.cec.be

BELGIQUE/BELGIË – DANMARK – DEUTSCHLAND – GREECE/ELLADA – ESPAÑA – FRANCE – IRELAND – ITALIA – LUXEMBOURG – NEDERLAND – ÖSTERREICH
 PORTUGAL – SUOMI/FINLAND – SVERIGE – UNITED KINGDOM – ISLAND – NORGE – SCHWEIZ/SUISSE/SVIZZERA – BALGARIJA – ČESKÁ REPUBLIKA – CYPRUS
 EESTI – HRVATSKA – MAGYARORSZÁG – MALTA – POLSKA – ROMÂNIA – RUSSIA – SLOVAKIA – SLOVENIA – TÜRKIYE – AUSTRALIA – CANADA – EGYPT – INDIA
 ISRAËL – JAPAN – MALAYSIA – PHILIPPINES – SOUTH KOREA – THAILAND – UNITED STATES OF AMERICA

Order form

I would like to subscribe to Statistics in focus (from 1.1.1999 to 31.12.1999):
 (for the Data Shop and sales office addresses see above)

Formula 1: All 9 themes (approximately 90 issues)

Paper: 360 EUR

PDF: 264 EUR

Paper + PDF: 432 EUR

Language required: DE EN FR

Formula 2: One or more of the following seven themes:

Theme 1 'General statistics'

Paper: 42 EUR PDF: 30 EUR Combined: 54 EUR

Theme 2 'Economy and finance'

Theme 3 'Population and social conditions'

Theme 4 'Industry, trade and services'

Theme 5 'Agriculture and fisheries'

Theme 6 'External trade'

Theme 8 'Environment and energy'

Paper: 84 EUR PDF: 60 EUR Combined: 114 EUR

Language required: DE EN FR

Please send me a free copy of 'Eurostat Mini-Guide' (catalogue containing a selection of Eurostat products and services)
 Language required: DE EN FR

I would like a free subscription to 'Statistical References', the information letter on Eurostat products and services
 Language required: DE EN FR

Mr Mrs Ms

(Please use block capitals)

Name: _____ First name: _____

Company: _____ Department: _____

Function: _____

Address: _____

Post code: _____ Town: _____

Country: _____

Tel.: _____ Fax: _____

E-mail: _____

Payment on receipt of invoice, preferably by:

Bank transfer

Visa Eurocard

Card No: _____ Expires on: ____/____/____

Please confirm your intra-Community VAT number:

If no number is entered, VAT will be automatically applied. Subsequent reimbursement will not be possible.