

# Statistics in focus

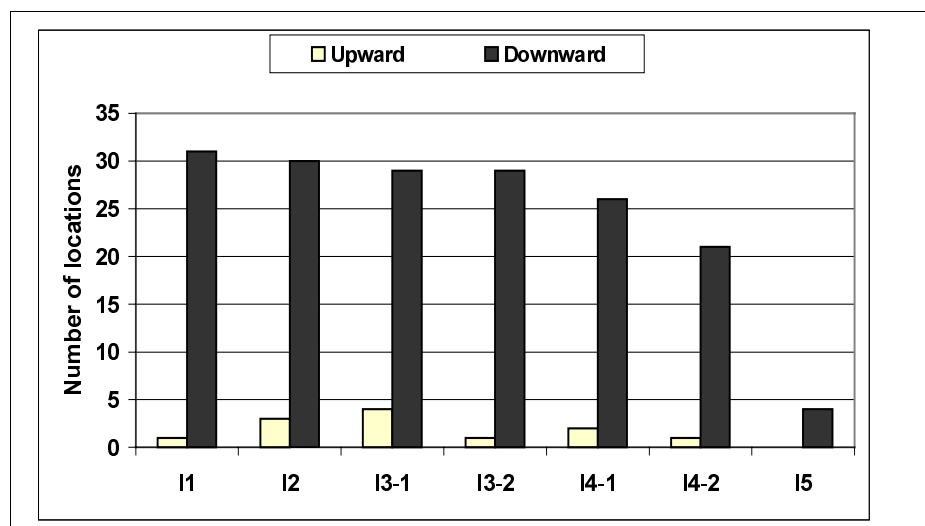
## ENVIRONMENT AND ENERGY

THEME 8 – 5/1999

### ENERGY

# Gas prices for EU industry on 1 January 1999: strong downward trend

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A study of the variations in deflated VAT-excluded gas prices for industry expressed in national currency from 1 July 1998 to 1 January 1999 reveals an average strong drop which affected all categories of standard consumers<sup>1</sup>:

	I1	I2	I3-1	I3-2	I4-1	I4-2	I5
Average <sup>2</sup>	-5.65%	-7.28%	-8.86%	-9.84%	-10.25%	-11.07%	-10.51%

The main drops were recorded in Germany for all standard consumers (between -11.7% and -21.1%) in Düsseldorf, for I2 to I4-2 (between -14.2% and -16.4%) in Dortmund, for I3-1 to I4-1 (between -14.8% and -16.5%) in Hamburg, for I3-2 to I4-2 (between -14.1% and -16.5%) in Frankfurt am Main, for I4-1 (-14.2%) in Hannover and for I4-2 (-15.0%) in Stuttgart. Other relevant drops affected Belgium for I3-1 to I4-2 (between -14.1% and -18.4%) as well as Denmark for I4-1 and I4-2 (-14.3%).

The biggest rises were recorded in France for I4-1 (+6.0%) and I4-2 (+6.3%) in Lyon.

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



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<sup>1</sup> See methodological note for standard consumer definitions and conversion rates of PPS and euro.

<sup>2</sup> Arithmetic average of the variations in every location.

# Natural gas prices for industry

January 1st, 1999

(/ GJ)

	National currency			PPS			euro		
	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.
<b>BELGIUM - National CNE 0 P 0.9</b>	<b>BEF</b>								
I1	289.3	239.1	225.4	7.37	6.09	5.74	7.17	5.93	5.59
I2	208.0	171.9	171.9	5.30	4.38	4.38	5.16	4.26	4.26
I3-1	148.2	122.5	122.5	3.77	3.12	3.12	3.67	3.04	3.04
I3-2	110.1	91.0	91.0	2.80	2.32	2.32	2.73	2.26	2.26
I4-1	110.1	91.0	91.0	2.80	2.32	2.32	2.73	2.26	2.26
I4-2	97.4	80.5	80.5	2.48	2.05	2.05	2.41	2.00	2.00
I5	:	:	:	:	:	:	:	:	:
<b>National CNE 0.5 P 1</b>									
I1	289.3	239.1	225.4	7.37	6.09	5.74	7.17	5.93	5.59
I2	208.0	171.9	171.9	5.30	4.38	4.38	5.16	4.26	4.26
I3-1	163.2	134.9	134.9	4.16	3.43	3.43	4.05	3.34	3.34
I3-2	125.2	103.5	103.5	3.19	2.64	2.64	3.10	2.57	2.57
I4-1	125.2	103.5	103.5	3.19	2.64	2.64	3.10	2.57	2.57
I4-2	112.5	93.0	93.0	2.86	2.37	2.37	2.79	2.31	2.31
I5	:	:	:	:	:	:	:	:	:
<b>National CNE 1.0 P 1 (1)</b>									
I1	289.3	239.1	225.4	7.37	6.09	5.74	7.17	5.93	5.59
I2	208.0	171.9	171.9	5.30	4.38	4.38	5.16	4.26	4.26
I3-1	169.0	139.7	139.7	4.30	3.56	3.56	4.19	3.46	3.46
I3-2	131.0	108.3	108.3	3.34	2.76	2.76	3.25	2.68	2.68
I4-1	131.0	108.3	108.3	3.34	2.76	2.76	3.25	2.68	2.68
I4-2	118.3	97.8	97.8	3.01	2.49	2.49	2.93	2.42	2.42
I5	:	:	:	:	:	:	:	:	:
<b>National CNE 1 P 1.1</b>									
I1	289.3	239.1	225.4	7.37	6.09	5.74	7.17	5.93	5.59
I2	208.0	171.9	171.9	5.30	4.38	4.38	5.16	4.26	4.26
I3-1	179.4	148.3	148.3	4.57	3.78	3.78	4.45	3.68	3.68
I3-2	141.3	116.8	116.8	3.60	2.97	2.97	3.50	2.90	2.90
I4-1	141.3	116.8	116.8	3.60	2.97	2.97	3.50	2.90	2.90
I4-2	128.7	106.4	106.4	3.28	2.71	2.71	3.19	2.64	2.64
I5	:	:	:	:	:	:	:	:	:
<b>DENMARK - National</b>	<b>DKK</b>								
I1	48.80	39.00	35.00	5.26	4.20	3.77	6.56	5.24	4.70
I2	46.00	36.80	32.80	4.96	3.97	3.54	6.18	4.95	4.41
I3-1	29.70	23.70	19.70	3.20	2.55	2.12	3.99	3.19	2.65
I3-2	29.70	23.70	19.70	3.20	2.55	2.12	3.99	3.19	2.65
I4-1	24.70	19.80	15.80	2.66	2.13	1.70	3.32	2.66	2.12
I4-2	24.70	19.80	15.80	2.66	2.13	1.70	3.32	2.66	2.12
I5	:	:	:	:	:	:	:	:	:
<b>GERMANY - Düsseldorf</b>	<b>DEM</b>								
I1	13.63	11.75	10.75	6.46	5.57	5.09	6.97	6.01	5.50
I2	9.86	8.50	7.50	4.67	4.03	3.55	5.04	4.35	3.83
I3-1	9.47	8.17	7.17	4.49	3.87	3.40	4.84	4.18	3.67
I3-2	9.02	7.78	6.78	4.27	3.69	3.21	4.61	3.98	3.47
I4-1	8.89	7.67	6.67	4.21	3.64	3.16	4.55	3.92	3.41
I4-2	7.83	6.75	5.75	3.71	3.20	2.73	4.00	3.45	2.94
I5	5.64	4.86	3.86	2.67	2.30	1.83	2.88	2.48	1.97
<b>Hamburg</b>									
I1	12.53	10.81	9.81	5.94	5.12	4.65	6.41	5.53	5.02
I2	11.57	9.97	8.97	5.48	4.73	4.25	5.92	5.10	4.59
I3-1	10.54	9.08	8.08	5.00	4.30	3.83	5.39	4.64	4.13
I3-2	9.47	8.17	7.17	4.49	3.87	3.40	4.84	4.18	3.67
I4-1	8.44	7.28	6.28	4.00	3.45	2.98	4.32	3.72	3.21
I4-2	:	:	:	:	:	:	:	:	:
I5	:	:	:	:	:	:	:	:	:

(1) Taken for community comparison

# Natural gas prices for industry

January 1st, 1999

(/ GJ)

	National currency			PPS			euro		
	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.
<b>GERMANY - Hannover</b>	<b>DEM</b>								
I1	14.82	12.78	11.78	7.02	6.06	5.58	7.58	6.53	6.02
I2	12.02	10.36	9.36	5.70	4.91	4.44	6.15	5.30	4.79
I3-1	10.60	9.14	8.14	5.02	4.33	3.86	5.42	4.67	4.16
I3-2	10.50	9.06	8.06	4.98	4.29	3.82	5.37	4.63	4.12
I4-1	9.83	8.47	7.47	4.66	4.01	3.54	5.03	4.33	3.82
I4-2	:	:	:	:	:	:	:	:	:
I5	:	:	:	:	:	:	:	:	:
<b>Dortmund</b>									
I1	12.79	11.03	10.03	6.06	5.23	4.75	6.54	5.64	5.13
I2	10.83	9.33	8.33	5.13	4.42	3.95	5.54	4.77	4.26
I3-1	10.50	9.06	8.06	4.98	4.29	3.82	5.37	4.63	4.12
I3-2	10.12	8.72	7.72	4.80	4.13	3.66	5.17	4.46	3.95
I4-1	9.47	8.17	7.17	4.49	3.87	3.40	4.84	4.18	3.67
I4-2	9.09	7.83	6.83	4.31	3.71	3.24	4.65	4.00	3.49
I5	5.64	4.86	3.86	2.67	2.30	1.83	2.88	2.48	1.97
<b>Frankfurt/M</b>									
I1	12.99	11.19	10.19	6.16	5.30	4.83	6.64	5.72	5.21
I2	11.79	10.17	9.17	5.59	4.82	4.35	6.03	5.20	4.69
I3-1	10.47	9.03	8.03	4.96	4.28	3.81	5.35	4.62	4.11
I3-2	10.12	8.72	7.72	4.80	4.13	3.66	5.17	4.46	3.95
I4-1	9.57	8.25	7.25	4.54	3.91	3.44	4.89	4.22	3.71
I4-2	9.22	7.94	6.94	4.37	3.76	3.29	4.71	4.06	3.55
I5	:	:	:	:	:	:	:	:	:
<b>Stuttgart</b>									
I1	14.95	12.89	11.89	7.09	6.11	5.64	7.64	6.59	6.08
I2	13.73	11.83	10.83	6.51	5.61	5.13	7.02	6.05	5.54
I3-1	13.21	11.39	10.39	6.26	5.40	4.92	6.75	5.82	5.31
I3-2	11.54	9.94	8.94	5.47	4.71	4.24	5.90	5.08	4.57
I4-1	10.92	9.42	8.42	5.18	4.46	3.99	5.58	4.82	4.31
I4-2	9.70	8.36	7.36	4.60	3.96	3.49	4.96	4.27	3.76
I5	:	:	:	:	:	:	:	:	:
<b>Munich</b>									
I1	13.89	11.97	10.97	6.58	5.67	5.20	7.10	6.12	5.61
I2	13.53	11.67	10.67	6.41	5.53	5.06	6.92	5.97	5.46
I3-1	12.70	10.94	9.94	6.02	5.18	4.71	6.49	5.59	5.08
I3-2	10.34	8.92	7.92	4.90	4.23	3.75	5.29	4.56	4.05
I4-1	10.05	8.67	7.67	4.76	4.11	3.64	5.14	4.43	3.92
I4-2	9.25	7.97	6.97	4.38	3.78	3.30	4.73	4.08	3.56
I5	:	:	:	:	:	:	:	:	:
<b>Weser-Ems</b>									
I1	12.18	10.50	9.50	5.77	4.98	4.50	6.23	5.37	4.86
I2	10.99	9.47	8.47	5.21	4.49	4.01	5.62	4.84	4.33
I3-1	8.22	7.08	6.08	3.90	3.36	2.88	4.20	3.62	3.11
I3-2	8.22	7.08	6.08	3.90	3.36	2.88	4.20	3.62	3.11
I4-1	7.22	6.22	5.22	3.42	2.95	2.47	3.69	3.18	2.67
I4-2	7.22	6.22	5.22	3.42	2.95	2.47	3.69	3.18	2.67
I5	:	:	:	:	:	:	:	:	:
<b>Dresden</b>									
I1	15.72	13.56	12.56	7.45	6.43	5.95	8.04	6.93	6.42
I2	12.73	10.97	9.97	6.03	5.20	4.73	6.51	5.61	5.10
I3-1	10.99	9.47	8.47	5.21	4.49	4.01	5.62	4.84	4.33
I3-2	10.63	9.17	8.17	5.04	4.35	3.87	5.44	4.69	4.18
I4-1	8.73	7.53	6.53	4.14	3.57	3.09	4.46	3.85	3.34
I4-2	:	:	:	:	:	:	:	:	:
I5	:	:	:	:	:	:	:	:	:

# Natural gas prices for industry

January 1st, 1999

(/ GJ)

	National currency			PPS			euro		
	With taxes	TVA excl.	Taxes excl.	With taxes	TVA excl.	Taxes excl.	With taxes	TVA excl.	Taxes excl.
<b>GERMANY - Berlin</b>	<b>DEM</b>								
I1	16.14	13.92	12.92	7.65	6.60	6.12	8.25	7.12	6.61
I2	12.95	11.17	10.17	6.14	5.29	4.82	6.62	5.71	5.20
I3-1	12.21	10.53	9.53	5.79	4.99	4.52	6.24	5.38	4.87
I3-2	12.21	10.53	9.53	5.79	4.99	4.52	6.24	5.38	4.87
I4-1	10.73	9.25	8.25	5.09	4.38	3.91	5.49	4.73	4.22
I4-2	10.73	9.25	8.25	5.09	4.38	3.91	5.49	4.73	4.22
I5	:	:	:	:	:	:	:	:	:
<b>SPAIN - Madrid (1)</b>	<b>ESP</b>								
I1	1 262.30	1 088.20	1 088.20	9.40	8.11	8.11	7.59	6.54	6.54
I2	612.80	528.30	528.30	4.57	3.94	3.94	3.68	3.18	3.18
I3-1	547.90	472.30	472.30	4.08	3.52	3.52	3.29	2.84	2.84
I3-2	521.60	449.70	449.70	3.89	3.35	3.35	3.13	2.70	2.70
I4-1	515.10	444.10	444.10	3.84	3.31	3.31	3.10	2.67	2.67
I4-2	489.70	422.10	422.10	3.65	3.14	3.14	2.94	2.54	2.54
I5	489.20	421.70	421.70	3.64	3.14	3.14	2.94	2.53	2.53
<b>FRANCE - Paris</b>	<b>FRF</b>								
I1	48.23	40.27	40.27	6.97	5.82	5.82	7.35	6.14	6.14
I2	40.61	33.79	33.79	5.87	4.88	4.88	6.19	5.15	5.15
I3-1	27.09	22.98	21.72	3.91	3.32	3.14	4.13	3.50	3.31
I3-2	25.54	21.62	20.35	3.69	3.12	2.94	3.89	3.30	3.10
I4-1	21.85	18.33	16.26	3.16	2.65	2.35	3.33	2.79	2.48
I4-2	21.24	17.78	15.71	3.07	2.57	2.27	3.24	2.71	2.40
I5	:	:	:	:	:	:	:	:	:
<b>Lille</b>	<b>FRF</b>								
I1	48.23	40.27	40.27	6.97	5.82	5.82	7.35	6.14	6.14
I2	40.61	33.79	33.79	5.87	4.88	4.88	6.19	5.15	5.15
I3-1	27.09	22.98	21.72	3.91	3.32	3.14	4.13	3.50	3.31
I3-2	25.54	21.62	20.35	3.69	3.12	2.94	3.89	3.30	3.10
I4-1	21.71	18.22	16.15	3.14	2.63	2.33	3.31	2.78	2.46
I4-2	21.09	17.66	15.59	3.05	2.55	2.25	3.22	2.69	2.38
I5	:	:	:	:	:	:	:	:	:
<b>Strasbourg</b>	<b>FRF</b>								
I1	54.17	45.19	45.19	7.83	6.53	6.53	8.26	6.89	6.89
I2	46.55	38.71	38.71	6.73	5.59	5.59	7.10	5.90	5.90
I3-1	30.80	26.06	24.73	4.45	3.77	3.57	4.70	3.97	3.77
I3-2	29.53	24.93	23.60	4.27	3.60	3.41	4.50	3.80	3.60
I4-1	:	:	:	:	:	:	:	:	:
I4-2	:	:	:	:	:	:	:	:	:
I5	:	:	:	:	:	:	:	:	:
<b>Lyon</b>	<b>FRF</b>								
I1	48.23	40.27	40.27	6.97	5.82	5.82	7.35	6.14	6.14
I2	40.61	33.79	33.79	5.87	4.88	4.88	6.19	5.15	5.15
I3-1	27.09	22.98	21.72	3.91	3.32	3.14	4.13	3.50	3.31
I3-2	25.54	21.62	20.35	3.69	3.12	2.94	3.89	3.30	3.10
I4-1	25.36	21.36	19.31	3.66	3.09	2.79	3.87	3.26	2.94
I4-2	24.72	20.75	18.69	3.57	3.00	2.70	3.77	3.16	2.85
I5	:	:	:	:	:	:	:	:	:
<b>Marseille</b>	<b>FRF</b>								
I1	48.23	40.27	40.27	6.97	5.82	5.82	7.35	6.14	6.14
I2	40.61	33.79	33.79	5.87	4.88	4.88	6.19	5.15	5.15
I3-1	27.09	22.98	21.72	3.91	3.32	3.14	4.13	3.50	3.31
I3-2	25.54	21.62	20.35	3.69	3.12	2.94	3.89	3.30	3.10
I4-1	21.79	18.29	16.22	3.15	2.64	2.34	3.32	2.79	2.47
I4-2	21.16	17.72	15.65	3.06	2.56	2.26	3.23	2.70	2.39
I5	:	:	:	:	:	:	:	:	:

(1) Prices valid for the other locations

# Natural gas prices for industry

January 1st, 1999

(/ GJ)

	National currency			PPS			euro		
	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.
<b>FRANCE - Toulouse</b>	<b>FRF</b>								
I1	48.23	40.27	40.27	6.97	5.82	5.82	7.35	6.14	6.14
I2	40.61	33.79	33.79	5.87	4.88	4.88	6.19	5.15	5.15
I3-1	27.09	22.98	21.72	3.91	3.32	3.14	4.13	3.50	3.31
I3-2	25.54	21.62	20.35	3.69	3.12	2.94	3.89	3.30	3.10
I4-1	21.75	18.03	15.98	3.14	2.61	2.31	3.32	2.75	2.44
I4-2	20.77	17.22	15.17	3.00	2.49	2.19	3.17	2.63	2.31
I5	:	:	:	:	:	:	:	:	:
<b>IRELAND - Dublin</b>	<b>IEP</b>								
I1	6.42	5.71	5.71	8.55	7.60	7.60	8.15	7.25	7.25
I2	5.02	4.46	4.46	6.68	5.94	5.94	6.37	5.66	5.66
I3-1	2.73	2.43	2.43	3.64	3.24	3.24	3.47	3.09	3.09
I3-2	2.73	2.43	2.43	3.64	3.24	3.24	3.47	3.09	3.09
I4-1	:	:	:	:	:	:	:	:	:
I4-2	:	:	:	:	:	:	:	:	:
I5	:	:	:	:	:	:	:	:	:
<b>ITALY - Milan</b>	<b>ITL</b>								
I1	17 637	14 698	13 919	10.23	8.52	8.07	9.17	7.64	7.24
I2	13 059	10 883	10 104	7.57	6.31	5.86	6.79	5.66	5.25
I3-1	8 275	7 523	6 735	4.80	4.36	3.91	4.30	3.91	3.50
I3-2	7 930	7 209	6 421	4.60	4.18	3.72	4.12	3.75	3.34
I4-1	7 085	6 441	5 653	4.11	3.74	3.28	3.68	3.35	2.94
I4-2	6 701	6 092	5 304	3.89	3.53	3.08	3.48	3.17	2.76
I5	:	:	:	:	:	:	:	:	:
<b>Turin</b>									
I1	16 381	13 651	12 872	9.50	7.92	7.47	8.52	7.10	6.69
I2	13 064	10 887	10 107	7.58	6.31	5.86	6.79	5.66	5.26
I3-1	8 275	7 523	6 735	4.80	4.36	3.91	4.30	3.91	3.50
I3-2	7 930	7 209	6 421	4.60	4.18	3.72	4.12	3.75	3.34
I4-1	7 085	6 441	5 653	4.11	3.74	3.28	3.68	3.35	2.94
I4-2	6 701	6 092	5 304	3.89	3.53	3.08	3.48	3.17	2.76
I5	:	:	:	:	:	:	:	:	:
<b>Genoa</b>									
I1	15 901	14 454	13 675	9.22	8.38	7.93	8.27	7.52	7.11
I2	11 966	10 877	10 098	6.94	6.31	5.86	6.22	5.66	5.25
I3-1	8 275	7 523	6 735	4.80	4.36	3.91	4.30	3.91	3.50
I3-2	7 930	7 209	6 421	4.60	4.18	3.72	4.12	3.75	3.34
I4-1	7 085	6 441	5 653	4.11	3.74	3.28	3.68	3.35	2.94
I4-2	6 701	6 092	5 304	3.89	3.53	3.08	3.48	3.17	2.76
I5	:	:	:	:	:	:	:	:	:
<b>Rome</b>									
I1	20 731	17 276	16 497	12.02	10.02	9.57	10.78	8.98	8.58
I2	13 064	10 887	10 107	7.58	6.31	5.86	6.79	5.66	5.26
I3-1	8 275	7 523	6 735	4.80	4.36	3.91	4.30	3.91	3.50
I3-2	7 930	7 209	6 421	4.60	4.18	3.72	4.12	3.75	3.34
I4-1	7 085	6 441	5 653	4.11	3.74	3.28	3.68	3.35	2.94
I4-2	6 701	6 092	5 304	3.89	3.53	3.08	3.48	3.17	2.76
I5	:	:	:	:	:	:	:	:	:
<b>Naples</b>									
I1	22 786	18 989	18 209	13.22	11.01	10.56	11.85	9.87	9.47
I2	13 064	10 887	10 108	7.58	6.31	5.86	6.79	5.66	5.26
I3-1	8 275	7 523	6 735	4.80	4.36	3.91	4.30	3.91	3.50
I3-2	7 930	7 209	6 421	4.60	4.18	3.72	4.12	3.75	3.34
I4-1	7 085	6 441	5 653	4.11	3.74	3.28	3.68	3.35	2.94
I4-2	6 701	6 092	5 304	3.89	3.53	3.08	3.48	3.17	2.76
I5	:	:	:	:	:	:	:	:	:

# Natural gas prices for industry

January 1st, 1999

(/ GJ)

	National currency			PPS			euro		
	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.
<b>LUXEMBOURG - City of Luxembourg</b>	<b>LUF</b>								
I1	224.60	211.89	211.89	5.17	4.87	4.87	5.57	5.25	5.25
I2	204.56	192.98	192.98	4.70	4.44	4.44	5.07	4.78	4.78
I3-1	200.49	189.14	189.14	4.61	4.35	4.35	4.97	4.69	4.69
I3-2	159.79	150.75	150.75	3.68	3.47	3.47	3.96	3.74	3.74
I4-1	159.11	150.11	150.11	3.66	3.45	3.45	3.94	3.72	3.72
I4-2	159.11	150.11	150.11	3.66	3.45	3.45	3.94	3.72	3.72
I5	:	:	:	:	:	:	:	:	:
<b>NETHERLANDS - Rotterdam</b>	<b>NLG</b>								
I1	17.42	14.82	10.87	7.65	6.51	4.77	7.90	6.73	4.93
I2	16.70	14.21	10.58	7.33	6.24	4.65	7.58	6.45	4.80
I3-1	9.41	8.01	6.81	4.13	3.52	2.99	4.27	3.63	3.09
I3-2	9.41	8.01	6.81	4.13	3.52	2.99	4.27	3.63	3.09
I4-1	:	:	:	:	:	:	:	:	:
I4-2	:	:	:	:	:	:	:	:	:
I5	:	:	:	:	:	:	:	:	:
<b>AUSTRIA - Vienna</b>	<b>ATS</b>								
I1	143.39	119.49	104.56	9.87	8.22	7.20	10.42	8.68	7.60
I2	120.80	100.67	85.74	8.31	6.93	5.90	8.78	7.32	6.23
I3-1	87.78	73.15	58.22	6.04	5.03	4.01	6.38	5.32	4.23
I3-2	:	:	:	:	:	:	:	:	:
I4-1	79.26	66.05	51.12	5.46	4.55	3.52	5.76	4.80	3.71
I4-2	:	:	:	:	:	:	:	:	:
I5	:	:	:	:	:	:	:	:	:
<b>FINLAND - National</b>	<b>FIN</b>								
I1	:	:	:	:	:	:	:	:	:
I2	34.07	27.92	25.22	5.29	4.34	3.92	5.73	4.70	4.24
I3-1	21.49	17.62	14.92	3.34	2.74	2.32	3.61	2.96	2.51
I3-2	19.76	16.20	13.50	3.07	2.52	2.10	3.32	2.72	2.27
I4-1	18.58	15.23	12.53	2.89	2.37	1.95	3.13	2.56	2.11
I4-2	20.10	16.48	13.78	3.12	2.56	2.14	3.38	2.77	2.32
I5	21.39	17.53	14.83	3.32	2.72	2.30	3.60	2.95	2.49
<b>SWEDEN - Malmö</b>	<b>SEK</b>								
I1	78.23	62.58	53.50	7.39	5.91	5.05	8.61	6.89	5.89
I2	55.14	44.11	35.06	5.21	4.17	3.31	6.07	4.86	3.86
I3-1	49.61	39.69	30.61	4.69	3.75	2.89	5.46	4.37	3.37
I3-2	:	:	:	:	:	:	:	:	:
I4-1	:	:	:	:	:	:	:	:	:
I4-2	:	:	:	:	:	:	:	:	:
I5	:	:	:	:	:	:	:	:	:
<b>UNITED KINGDOM - London</b>	<b>GBP</b>								
I1	3.48	2.96	2.96	4.94	4.20	4.20	4.95	4.21	4.21
I2	3.16	2.69	2.69	4.48	3.82	3.82	4.49	3.82	3.82
I3-1	2.81	2.39	2.39	3.99	3.40	3.40	4.00	3.40	3.40
I3-2	2.63	2.23	2.23	3.73	3.17	3.17	3.73	3.18	3.18
I4-1	2.50	2.12	2.12	3.55	3.02	3.02	3.55	3.02	3.02
I4-2	:	:	:	:	:	:	:	:	:
I5	:	:	:	:	:	:	:	:	:
<b>Leeds</b>	<b>GBP</b>								
I1	3.49	2.97	2.97	4.96	4.22	4.22	4.97	4.23	4.23
I2	3.09	2.63	2.63	4.39	3.73	3.73	4.39	3.74	3.74
I3-1	2.98	2.53	2.53	4.23	3.60	3.60	4.23	3.60	3.60
I3-2	2.70	2.30	2.30	3.83	3.26	3.26	3.84	3.27	3.27
I4-1	:	:	:	:	:	:	:	:	:
I4-2	:	:	:	:	:	:	:	:	:
I5	:	:	:	:	:	:	:	:	:
<b>Birmingham</b>	<b>GBP</b>								
I1	3.52	3.00	3.00	5.01	4.26	4.26	5.01	4.27	4.27
I2	3.16	2.69	2.69	4.49	3.82	3.82	4.50	3.83	3.83
I3-1	2.78	2.37	2.37	3.95	3.37	3.37	3.96	3.37	3.37
I3-2	2.52	2.14	2.14	3.58	3.05	3.05	3.58	3.05	3.05
I4-1	2.47	2.10	2.10	3.50	2.98	2.98	3.51	2.98	2.98
I4-2	:	:	:	:	:	:	:	:	:
I5	:	:	:	:	:	:	:	:	:

## Gasworks gas prices for industry

January 1st, 1999

(/ GJ)

	National currency			PPS			euro		
	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.	With taxes	VAT excl.	Taxes excl.
<b>DENMARK - Copenhagen</b>	<b>DKK</b>								
I1	158.43	126.74	114.95	17.08	13.66	12.39	21.29	17.03	15.45
I2	140.88	112.70	100.91	15.18	12.15	10.88	18.93	15.15	13.56
I3-1	:	:	:	:	:	:	:	:	:
I3-2	:	:	:	:	:	:	:	:	:
I4-1	:	:	:	:	:	:	:	:	:
I4-2	:	:	:	:	:	:	:	:	:
I5	:	:	:	:	:	:	:	:	:
<b>PORTUGAL - Lisbon</b>	<b>PTE</b>								
I1	2 836.00	2 701.00	2 701.00	20.99	19.99	19.99	14.15	13.48	13.48
I2	2 770.00	2 638.00	2 638.00	20.50	19.52	19.52	13.82	13.16	13.16
I3-1	1 247.00	1 187.00	1 187.00	9.23	8.78	8.78	6.22	5.92	5.92
I3-2	1 247.00	1 187.00	1 187.00	9.23	8.78	8.78	6.22	5.92	5.92
I4-1	1 213.00	1 155.00	1 155.00	8.98	8.55	8.55	6.05	5.76	5.76
I4-2	1 213.00	1 155.00	1 155.00	8.98	8.55	8.55	6.05	5.76	5.76
I5	:	:	:	:	:	:	:	:	:

### ➤ ESSENTIAL INFORMATION – METHODOLOGICAL NOTE

Seven standard industrial users, coded I1 to I5 were chosen:

	Annual consumption				Modulation
I1	418.60	GJ (i.e.	116 300	kWh)	no load factor laid down
I2	4 186	GJ (i.e.	1 163 000	KWh)	200 days
I3-1	41 860	GJ (i.e.	11.63	GWh)	200 days 1 600 hours
I3-2	41 860	GJ (i.e.	11.63	GWh)	250 days 4 000 hours
I4-1	418 600	GJ (i.e.	116.30	GWh)	250 days 4 000 hours
I4-2	418 600	GJ (i.e.	116.30	GWh)	330 days 8 000 hours
I5	4 186 000	GJ (i.e.	1163.00	GWh)	330 days 8 000 hours

Prices for the standard consumers are given in national currencies, PPS (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>B</b> (BEF)	39.27	<b>E</b> (ESP)	134.30	<b>L</b> (LUF)	43.48	<b>FIN</b> (FIM)	6.44
<b>DK</b> (DKK)	9.28	<b>F</b> (FRF)	6.92	<b>NL</b> (NLG)	2.28	<b>S</b> (SEK)	10.59
<b>D</b> (DEM)	2.11	<b>IRL</b> (IEP)	0.75	<b>A</b> (ATS)	14.53	<b>UK</b> (GBP)	0.70
<b>EL</b> (GRD)	248.97	<b>I</b> (ITL)	1738.68	<b>P</b> (PTE)	135.14	<b>NO</b> (NOK)	10.47

##### 1 euro =

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

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