

Electricity Statistics

Provisional data for 2005

Statistics
in focus

ENVIRONMENT AND
ENERGY

7/2006

Energy

Author

Marielle BASSAN

Contents

Provisional data for 2005

IN 2005, ENERGY SUPPLIED INCREASED IN EU-25 BY 0.4%

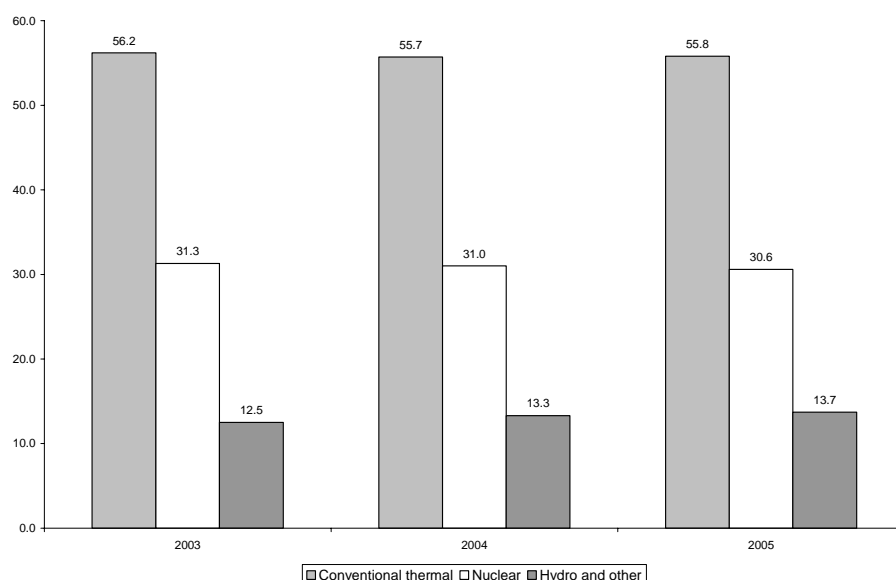


Figure 1: Contribution of sources to total production in % for EU-25

In 2005, electricity generation in the EU-25 declined (-0.2%) compared with 2004. The largest decreases were recorded in Lithuania (-25.4%), Finland (-17.3%) and Denmark (-10.7%). Latvia (+6.8%), Cyprus (+5.1%), Sweden (+4.2%), Slovakia (+3.9%) and Poland (+3.8%) are the Member States which recorded the largest increases in electricity generation.

As regards the structure of generation in 2005:

- The generation of conventional thermal energy declined by 0.1% in the EU-25 and accounted for 55.8% of total generation;
- The generation of nuclear energy also declined in the EU-25 (-1.4%) and accounted for 30.6% of the total;
- The generation of hydro and wind energy increased by 2.1% in the EU-25 and represented 13.7% of the total.

In 2005, the EU-25 was a net importer of electricity (16.3 TWh or 0.54% of generation).

Energy supplied in 2005 was 2990.3 TWh in the EU-25 which represents an increase of 0.4% compared with 2004.

Norway recorded increases in both total generation (+24.7%) and energy supplied (+2.7%).

In Turkey, Bulgaria and Romania generation increased in 2005 by 7.5%, 5.9% and 2.1% respectively, whereas in Croatia it fell by 0.8%. Energy supplied increased in Turkey, Croatia and Bulgaria (+7.1%, +4.9% and +1%) and decreased in Romania by -1.2%.



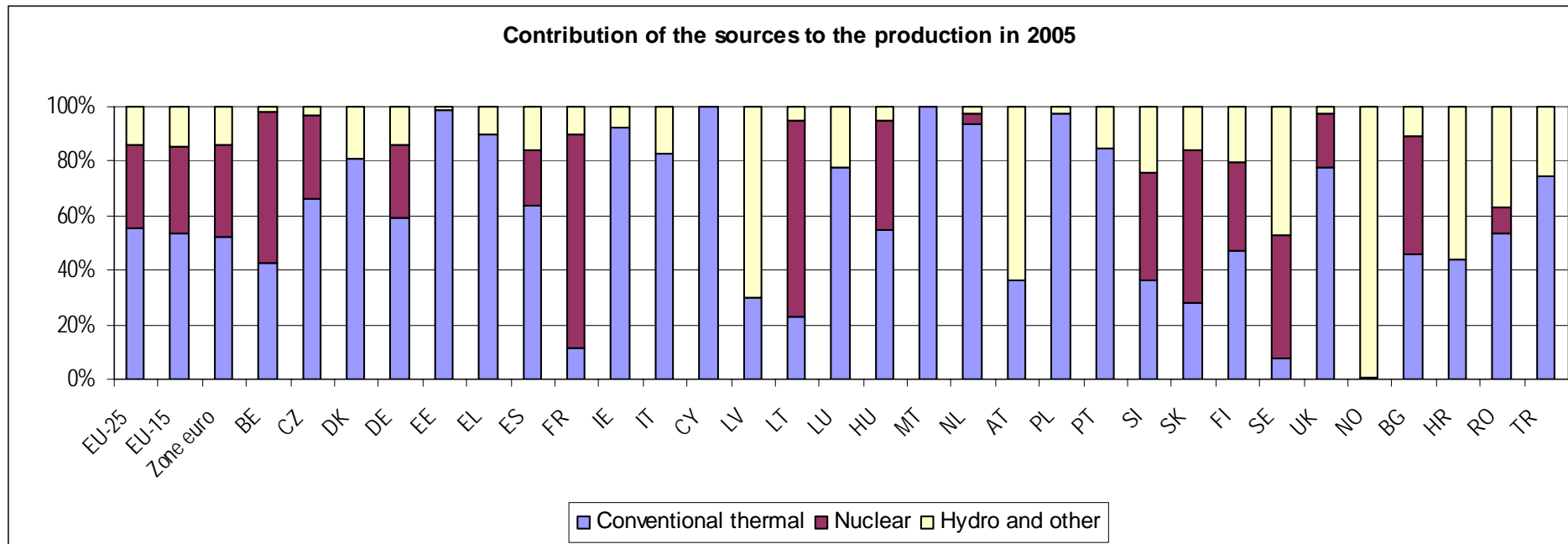
Beitrag zur Elektrizitätserzeugung
nach Herkunft in %

Contribution of the sources
to the production in %

Contribution des sources
à la production en %

	EU-25	EU-15	Zone euro	BE	CZ	DK	DE	EE	EL	ES	FR	IE	IT	CY	LV	LT	LU	HU	MT	NL	AT	PL	PT	SI	SK	FI	SE	UK	NO	BG	HR	RO	TR
Herkömmliche Wärmekraftwerke			Conventional thermal																								Thermique classique						
2003	56.2	54.1	52.1	42.7	65.8	87.2	64.6	100.0	88.4	54.1	10.5	94.2	81.8	100.0	39.5	14.0	74.3	66.6	100.0	94.1	39.7	97.5	63.7	38.8	30.3	60.9	10.0	76.1	0.8	49.9	59.5	66.1	74.0
2004	55.7	53.6	52.1	42.9	64.8	82.8	63.0	100.0	88.5	58.8	10.2	93.4	80.3	100.0	31.8	15.3	78.0	60.2	100.0	94.0	36.6	97.3	75.2	35.7	30.1	54.9	8.7	77.1	0.8	49.6	45.3	59.7	68.4
2005	55.8	53.6	52.2	42.8	66.0	80.8	59.4	98.9	89.8	63.4	11.3	92.4	83.0	100.0	29.8	22.7	78.0	54.9	100.0	93.8	36.6	97.3	84.5	36.2	28.3	46.8	7.9	77.6	0.7	45.8	44.1	53.6	74.6
Kernenergie			Nuclear																								Nucléaire						
2003	31.3	32.4	34.1	55.6	31.8	0.0	27.7	0.0	0.0	23.8	77.6	0.0	0.0	0.0	0.0	79.8	0.0	32.8	0.0	4.1	0.0	0.0	0.0	38.8	56.8	27.1	49.4	21.5	0.0	41.6	0.0	8.8	0.0
2004	31.0	32.2	33.7	55.0	31.8	0.0	27.7	0.0	0.0	22.8	77.9	0.0	0.0	0.0	0.0	78.5	0.0	33.4	0.0	3.7	0.0	0.0	0.0	36.4	55.3	26.6	50.5	19.5	0.0	41.6	0.0	9.7	0.0
2005	30.6	31.8	33.6	55.1	30.8	0.0	26.8	0.0	0.0	20.7	78.3	0.0	0.0	0.0	0.0	72.0	0.0	39.9	0.0	4.0	0.0	0.0	0.0	39.7	56.0	32.8	44.9	19.7	0.0	43.6	0.0	9.5	0.0
Wasserkraft & Sonstige			Hydro and other																								Hydraulique et autres						
2003	12.5	13.5	13.8	1.7	2.3	12.8	7.7	0.0	11.6	22.2	11.9	5.8	18.2	0.0	60.5	6.2	25.7	0.6	0.0	1.8	60.3	2.5	36.3	22.5	12.9	11.9	40.6	2.4	99.2	8.6	40.5	25.1	26.0
2004	13.3	14.2	14.2	2.1	3.3	17.2	9.3	0.0	11.5	18.4	11.9	6.6	19.7	0.0	68.2	6.2	22.0	6.3	0.0	2.3	63.4	2.7	24.8	28.0	14.5	18.5	40.8	3.4	99.2	8.8	54.7	30.6	31.6
2005	13.7	14.6	14.3	2.1	3.2	19.2	13.9	1.1	10.2	15.9	10.4	7.6	17.0	0.0	70.2	5.3	22.0	5.2	0.0	2.3	63.4	2.7	15.5	24.1	15.7	20.3	47.2	2.7	99.3	10.6	55.9	36.9	25.4

Table 2: Contribution of sources to total production of electricity



Further information:

Data:

[EUROSTAT Website/Home page/Environment and energy/Data/Energy/Energy Statistics \(ES\) - quantities/Energy Statistics \(ES\) - supply, transformation, consumption/Supply, transformation, consumption - electricity - annual data](#)

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Bech Building Office A4/125
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