February 2006
Monthly provisional values
union for the co-ordination of transmission of electricity
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## General remarks and abbreviations used in the tables

- All values of production and consumption in chapter 1, 3&4, 5&6 and 12 are calculated to represent 100% of the national values.

- **DK_W**    Denmark West represents the Western part of Denmark synchronously interconnected with UCTE (Jutland and Funen).

- **UA_W**    Ukraine West represents the so-called Burshtyn Island synchronously interconnected with UCTE.

- **CET**   Central European Time
Electricity supply situation of the countries

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<sup>1</sup> Including deliveries from industry
<sup>2</sup> The reported figures are best estimates based on actual measurements and extrapolations
<sup>3</sup> Data on hydro, other renewable, not clearly identifiable production are not yet available

All representativities of the national production and consumption values used to calculate values at a representativity of 100% as stated in the table above
These physical energy flows were measured on the cross-frontier transmission lines (< 110 kV) listed in table 9 of the Statistical Yearbook. These values may differ from the official statistics and the exchange balances in chapter 1.

Sum of physical energy flows between UCTE countries = 24094GWh

Other III: Albania, Belarus, Denmark East, Great Britain, Morocco, Republic of Moldavia, Norway, Sweden, Republic of Turkey and Ukraine

These physical energy flows were measured on the cross-frontier transmission lines (< 110 kV) listed in table 9 of the Statistical Yearbook. These values may differ from the official statistics and the exchange balances in chapter 1.
3 Monthly consumption

February 2006
Monthly consumption

UCTE February 2006
4 Monthly consumption variation

Values in %

2005

2006

HU

IT

LU

MK

NL

PL

PT

RO

SI

SK

DK_W

UA_W
Consumption of the last 12 months

- DE
- FR
- IT
- ES
- PL
- CH
- NL
- BE
- AT
- GR
- HU

TWh

- UCTE

2600
1800
600
300
0

2001 2002 2003 2004 2005 2006
Consumption of the last 12 months

TWh

2001 2002 2003 2004 2005 2006

CZ

PT

HR

SK

RO

CS

SI

BG

DK_W

LU

BA

MK

UA_W

UCTE February 2006
Variation of the last 12 months’ consumption in %

UCTE -5 0 5 10 15

AT -15 0 5 10

BA -20 0 5

BE -5 0 5

BG -5 0 5 10

CH -5 0 5

CS -5 0 5

CZ -15 0 15

DE -5 0 5 10

ES -5 0 5 10

FR -5 0 5 10

GR -5 0 5 10

HR -5 0 5 10
Variation of the last 12 months´consumption in %

February 2006

HU

IT

LU

MK

NL

PL

PT

RO

SI

SK

DK_W

UA_W
Load flows (night) on 15.02.06 at 03:00 a.m. CET in MW

February 2006

Associate member

Synchronous operation with UCTE region

Sum of load flows in MW:

UCTE = 35935 MW
Total = 41586 MW

I = Import balance
E = Export balance

UCTE February 2006
Load flows (day) on 15.02.06 at 11:00 a.m. CET in MW

Sum of load flows in MW:

\[ \text{UCTE} = 39220 \text{ MW} \]

\[ \text{Total} = 45074 \text{ MW} \]

\[ I = \text{Import balance} \]

\[ E = \text{Export balance} \]
Unavailability of international tie lines
( major events with sum over 480 minutes )

Reasons:
R1 - Maintenance
R2 - Repair
R3 - New constructions
R4 - Overload (also calculated break)
R5 - False operation
R6 - Failure in production device
or other element
R7 - Outside impacts
(animals, trees, fire, avalanches, ...)
R8 - Very exceptional conditions
(weather, natural disaster, ...)
R9 - Other reasons
R10 - Unknown reasons
Unavailability of international tie lines
( major events with sum over 480 minutes )

February 2006

Reasons:
R1 - Maintenance
R2 - Repair
R3 - New constructions
R4 - Overload (also calculated break)
R5 - False operation
R6 - Failure in production device or other element
R7 - Outside impacts (animals, trees, fire, avalanches, ...)
R8 - Very exceptional conditions (weather, natural disaster, ...)
R9 - Other reasons
R10 - Unknown reasons
## 10 Network reliability (major events)

### Reasons:
- **R4** Overload (also calculated break)
- **R5** False operation
- **R6** Failure in protection device or other element
- **R7** Outside impacts (animals, trees, fire, avalanches, ...)
- **R8** Very exceptional conditions (weather, natural disaster, ...)
- **R9** Other reasons
- **R10** Unknown reasons

### Table

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1 (year [in min] * energy not supply) / consumption last 12 months
- Control areas can differ from national borders (i.e. German block which includes parts of AT, LU and DK).

- Values are calculated on an hourly base (MWh).

- This values are not the provisional values entered in the VULCANUS system, but the definitive values after an eventual correction during the actual date.

- Export Programs: Sum of all positive values of every hour of every border
- Import Programs: Sum of all negative values of every hour of every border

- Export Programs at 03:00: Sum of all positive values the third Wednesday from 02:00 to 03:00 a.m.
- Import Programs at 03:00: Sum of all negative values the third Wednesday from 02:00 to 03:00 a.m.

- Export Programs at 11:00: Sum of all positive values the third Wednesday from 10:00 to 11:00 a.m.
- Import Programs at 11:00: Sum of all negative values the third Wednesday from 10:00 to 11:00 a.m.
### Consumption hourly load curves on 15.02.2006

#### Values in GWh

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1. Variation as compared to corresponding month of the previous year
2. Power produced in parallel operation (including autoproduction)
3. Average value of each hour
Contact
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B-1040 Brussels – Belgium
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