

OVERVIEW OF ELECTRICAL ENERGY IN APRIL 2003

The purpose of this document is to provide information concerning the operation of the French public transmission network and power system during the past month. The data published are **interim** figures dated 15 May 2003.

NATIONAL ELECTRICAL CONSUMPTION IN FRANCE

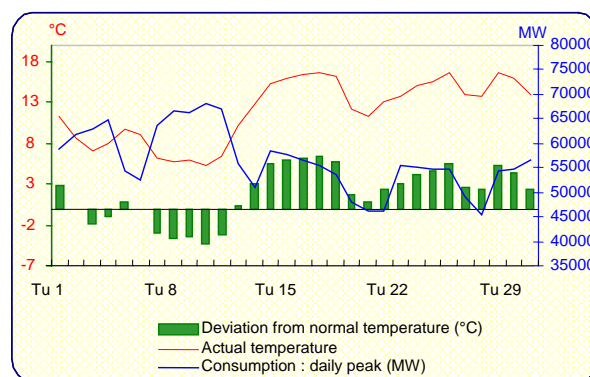
National consumption is the total of all the electrical energy supplied for consumption in France (including Corsica, but not the French Overseas Departments), thermal and hydro generation + imports – exports – pumping, and which have been consumed in the transmission and distribution networks, by the end-users, as well as by losses.

Period	National consumption	Adjusted Consumption (*)
Results in April 2003	37,3 TWh	38,9 TWh
Trend compared with April 2002	↑ 3.5%	↑ 4.0%
Trend since 1st January	↑ 5.8%	↑ 3.0%
Trend over past 12 months	↑ 2.0%	↑ 2.0%

(*) Adjusted for winter and summer climate contingencies

Temperature	
Monthly average :	12.0°C
Deviation from normal temperature :	+ 1.9°C/normal
Deviance from April 2002 :	+ 0.6°C

RTE-in house reference drawn up on basis of METEOFRANCE data



National consumption in April 2003 shows a rise of 3.5% compared with the figure of April 2002, despite a higher-than-average temperature of 0.6°C in April 2003 compared with the same month of the prior year. Adjusted for climatic effects, monthly consumption is up 4.0% compared with that of April 2002.

The consumption growth rate adjusted over 12 months has risen 0.2% since last month. As for the national consumption growth rate, it increased from +1.5% at the end of March 2003 to +2.0% at the end of April 2003.

THE ENERGY BALANCE RECORDED BY THE TRANSMISSION NETWORK

The balance recorded by RTE takes into account only the energy physical flows conveyed on the RTE network

NET INJECTIONS INTO THE RTE NETWORK	April 2003 (GWh)	Trend compared with The same period in 2002	
		April	Since 1st January
Thermal generation	37 458	↓ -2%	↓ 1%
Hydro generation	4 453	↑ 16%	↑ 46%
Physical imports	425	↑ 184%	↑ 36%
Total injections	42 336	↑ 0%	↑ 5%

NET DELIVERIES AT THE TERMINALS OF THE RTE NETWORK	April 2003 (GWh)	Trend compared with the same period in 2002	
		April	Since 1st January
Distribution networks	26 139	↑ 2%	↑ 5%
Industrial consumers (HV)	8 228	↑ 8%	↑ 9%
Pumping	638	↑ 2%	↑ -14%
Physical exports	5 953	↓ -17%	↓ 0%
Total deliveries	40 958	↓ -1%	↑ 5%

In April 2003, consumption was up compared with April 2002, but exports dropped by 1.2 TWh. The overall volume of injections consequently rose by 0.1 TWh, for a total figure of 42.3 TWh.

Thermal generation dropped by 0.8 TWh compared with April 2002, while hydro output was up by 0.6 TWh. Imports increased by about 0.3 TWh.

CONSUMPTION AND PHYSICAL EXCHANGES : noteworthy data

These values reflect all the flows on the RTE network, as well as the generation autoconsumed by the industrial consumers connected to this network.

		April 2003		Last 12 months		Absolute	
Consumption	maximum	1 468 GWh	Thursday 10	1 736 GWh	09/01/2003	1 736 GWh	09/01/2003
		68 022 MW	Thursday 10	80 190 MW	08/01/2003	80 190 MW	08/01/2003
	minimum	956 GWh	Sunday 27	811 GWh	11/08/2002		
34 540 MW		Sunday 27	28 182 MW	11/08/2002			
Export Balance of physical exchanges	maximum	234 GWh	Tuesday 15	290 GWh	14/12/2002	297 GWh	06/12/2001
		10 733 MW	Tuesday 15	13 277 MW	22/12/2002	13 277 MW	22/12/2002
	minimum	99 GWh	Thursday 03	99 GWh	03/04/2003		
2 550 MW		Thursday 03	2 550 MW	03/04/2003			

THE ELECTRICITY MARKET

THE MARKET PLAYERS

Balance Responsibles (RE)

Number of Balance Responsibles	69	On 30 April 2003
Base Load Block Exchange Notifications (NEB) on contract basis	985	Active on 30 April 2003
Volume of energy exchanged between BR (via NEB)	9 381 GWh	In April 2003

Balance Responsable : any natural or legal person or entity who is committed to RTE, under a Balance Responsible contract, to settling the costs of the imbalances calculated a posteriori, on behalf of one or more network users attached to its scope. These imbalances result from the difference between all of the supplies and consumption for which it is responsible.

CONTRACTUAL EXCHANGES RECORDED BY RTE

€# CONTRACTS FOR ACCESS TO INTERNATIONAL CONNECTIONS

Participation agreement to the Rules for access to the French Public Transmission Network (RPT)	93	On 30 April 2003
Import transactions	266	In progress, on 30 April
Export transactions	685	In progress, on 30 April

€# CONTRACTUAL EXCHANGES BY BORDER

These exchanges include all contracts managed by RTE, including historical contracts

CONTRACTUAL EXCHANGES -EXPORT-	April 2003 (GWh)	Trend compared with the same period in 2002	
		April	Since 1st January
Belgium	1 348	0%	10%
Germany	1 249	45%	36%
Switzerland	2 034	-11%	-11%
Italy	1 919	1%	1%
Spain	456	-47%	-40%
Great Britain	474	-37%	-28%
Total	7 480	-6%	-4%

CONTRACTUAL EXCHANGES -IMPORT-	April 2003 (GWh)	Trend compared with the same period in 2002	
		April	Since 1st January
Belgium	400	-3%	-4%
Germany*	894	209%	-38%
Switzerland	292	-2%	-37%
Italy	0	-	0%
Spain*	114	831%	693%
Great Britain*	1 136	4991%	903%
Total	2 836	174%	1%

* In April 2002, the imported contractual volumes came to 289 GWh with Germany, 12 GWh with Spain, and 22 GWh with Great Britain.

TRANSMISSION NETWORK DEVELOPMENT

April witnessed the final decommissioning of the Dechy-Waziers 225 kV line from RTE network, in northern France.

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