

OVERVIEW OF ELECTRICAL ENERGY IN FEBRUARY 2009

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 6 march 2009.

NATIONAL ELECTRICAL CONSUMPTION IN FRANCE

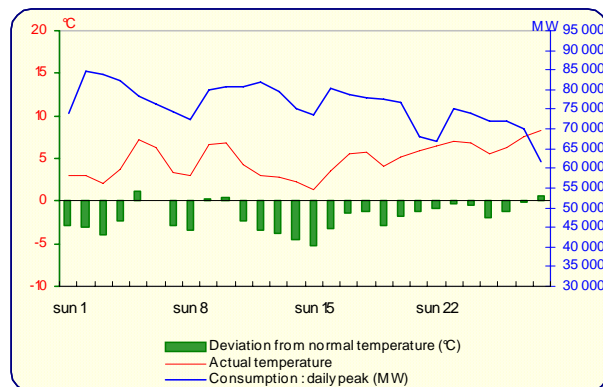
National consumption is the total of all the electrical energy supplied for consumption in France (including Corsica, but not the French Overseas Departments), thermal and hydro generation + imports – exports – pumping, and which have been consumed in the transmission and distribution networks, by the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

Period	National Consumption		Adjusted Consumption (*)	
	Value	Unit	Value	Unit
Results for February 2009	46,4	TWh	43,7	TWh
Trend compared with February 2008	↗	2,6%	↘	-1,3%
Trend since 1 st January	↗	6,3%	↘	-1,8%
Trend over last 12 months	↗	3,2%	↗	0,5%

(*)Adjusted for winter and summer climate contingencies and the inclusion of February 29

Temperature	
Monthly average :	4,9 °C
Deviation from normal temperature :	-1,8 °C/normale
Deviance from March 2008 :	-2,2 °C

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



In February 2009, the average monthly temperature was 2,2°C lower than February 2008, resulting in demand 2,6% higher. Adjusted for climatic contingencies and the inclusion of 29 February 2008, monthly demand was down by 1,3%. The rate of growth in adjusted consumption over a 12 month sliding period fell from 0,7% at the end of January 2009, to 0,5% at the end of February 2009.

BALANCE OF THE ENERGY PHYSICAL FLOWS ON THE RTE NETWORK

NET INJECTIONS INTO THE RTE NETWORK	February 2009 (GWh)	Trend compared with The same period in 2008	
		February	Since 1 st January
Nuclear generation	37 049	↘ -4,8%	↗ 0,4%
Conventional fossil-fuel thermal generation	4 446	↗ 24,1%	↗ 23,4%
Renewable energy sources but hydro	111	↗ 57,8%	↗ 47,7%
Hydro generation	5 119	↗ 29,9%	↗ 13,6%
Total injections	46 725	↗ 0,5%	↗ 3,6%

NET DELIVERIES AT THE TERMINALS OF THE RTE NETWORK	February 2009 (GWh)	Trend compared with the same period in 2008	
		February	Since 1 st January
Physical balance of trade	3 327	↘ -23,4%	↘ -30,4%
Pumping	645	↘ -6,5%	↘ -8,1%
Distribution networks	36 339	↗ 6,6%	↗ 11,3%
Industrial consumers (HV)	5 318	↘ -15,7%	↘ -15,5%
Total deliveries	45 629	↗ 0,4%	↗ 3,5%

In February 2009, extractions by distributors were up by 2,25 TWh compared with February 2008, whilst extractions by industrial consumers were down by 1,0 TWh; pumping was down by 0,05 TWh. The export balance fell by 1,0 TWh. Generation injected into the RTE network was up by 0,25 TWh. Injections from nuclear installations were down by 1,85 TWh. Injections from hydro-electric installations were up by 1,2 TWh, those from thermal fossil fuel-fired plants rose by 0,85 TWh, and those from renewable sources by 0,05 TWh. The physical balance of exchanges remained positive (exporting) throughout the month.

CONSUMPTION AND PHYSICAL EXCHANGES : noteworthy data

		February 2009		Last 12 month		Absolute *	
		Value	Date	Value	Date	Value	Date
Consumption	maximum	1 814 GWh	Tuesday 3	2 035 GWh	07/01/2009	2 035 GWh	07/01/2009
		84 544 MW	Monday 2	92 400 MW	07/01/2009	92 400 MW	07/01/2009
	minimum	1 366 GWh	Saturday 28	898 GWh	17/08/2008	391 GWh	05/08/1979
		50 070 MW	Saturday 28	31 411 MW	17/08/2008	14 099 MW	05/08/1979
Export Balance of physical exchanges	maximum	193 GWh	Saturday 28	298 GWh	08/05/2008	298 GWh	08/05/2008
		10 513 MW	Saturday 28	13 746 MW	11/11/2008	13 746 MW	11/11/2008
	minimum	45 GWh	Sunday 15	-30 GWh	06/01/2009	-95 GWh	02/03/2006
		625 MW	Monday 16	-3 435 MW	06/01/2009	-6 690 MW	02/03/2006

* The minimum values concern the last 30 years.

THE ELECTRICITY MARKET

CONTRACTUAL ELECTRICITY EXCHANGES WITH FOREIGN COUNTRIES

These exchanges include all transactions managed by RTE.

EXPORTS	February 2009 (GWh)	Trend compared with the same period in 2008	
		February	Since 1 st January
Belgium	432	↘ -63%	↘ -65%
Germany	569	↗ 63%	↗ 87%
Switzerland	2 257	↗ 13%	↗ 11%
Italy	1 747	↗ 1%	↘ -1%
Spain	280	↘ -54%	↘ -53%
Great Britain	468	↘ -47%	↘ -47%
Total	5 753	↘ -15%	↘ -16%

IMPORTS	February 2009 (GWh)	Trend compared with the same period in 2008	
		February	Since 1 st January
Belgium	344	↗ n.s.*	↗ n.s.*
Germany	1 306	↘ -36%	↘ -36%
Switzerland	223	↗ 70%	↗ 56%
Italy (1)	11	↘ -87%	↘ -56%
Spain	394	↗ n.s.*	↗ 191%
Great Britain	247	↗ 145%	↗ 218%
Total	2 525	↘ -1%	↗ 7%

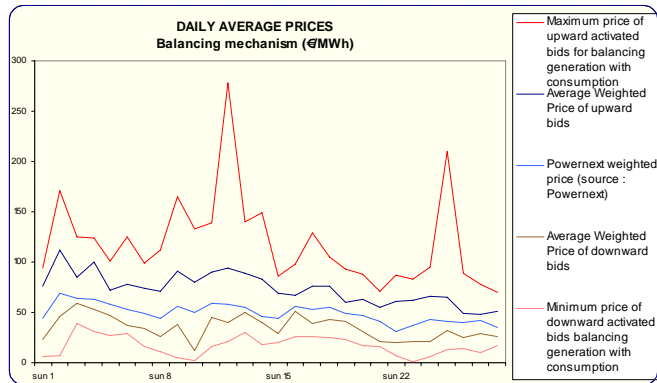
(* In February 2008 the volume of imports from Belgium was 57 GWh whilst the volume of imports from Spain totalled 115 GWh. Since the beginning of 2009 for Belgium the volume of imports amounts to 850 GWh compared with 110 GWh in 2008.

As of the end of February 2009, some 115 contracts were signed for adhesion to the PTS access rules for imports and exports.

BALANCE RESPONSIBLE – BALANCING MECHANISM

As of the end of February 2009, some 39 Balancing Actors and 147 Balance Responsible Entities(*) were declared.

(*) Balance Responsible : any 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.



	February 2009 (GWh)	Trend compared with the same period in 2008		
		February	Since 1 st January	
Exchanges between Balance Responsible	Volume of energy exchanged (via NEB)	22 252	↘ -9 %	↘ -5%
Balancing mechanism	Volume of energy activated upward	504	↗ 202%	↗ 150%
	Volume of energy activated downward	188	↘ -57%	↘ -53%

TRANSMISSION NETWORK DEVELOPMENT

In February the following installations entered operational service on the RTE network :

- The 90 kV substation at Eyrein near Tulle in the Corrèze region connected to the Egletons-Naves line.
- The 90 kV Bonneau-les Meuniers line after refurbishment work to strengthen the power supply to the city of Poitiers.