Gestionnaire
du Réseau de Transport d'Electricité

OVERVIEW OF ELECTRICAL ENERGY IN JULY 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 11 august 2009.

NATIONAL ELECTRICAL CONSUMPTION IN FRANCE

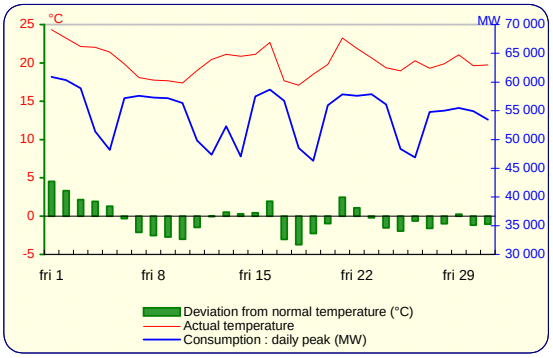
National consumption is the total of all the electrical energy supplied for consumption in France (including Corsica, but not the French Overseas Departments), thermal and hydro generation, wind + imports – exports – pumping, and which have been consumed in the transmission and distribution networks,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

Period	National consumption		Adjusted consumption (*)	
Results for July 2009	35,2	TWh	35,3	TWh
Trend compared with July 2008	↘	-2,1%	↘	-2,5%
Trend since 1st January	↘	-1,1%	↘	-2,9%
Trend over last 12 months	↘	-0,8%	↘	-1,8%

(*) Adjusted for winter and summer climate contingencies and the inclusion of 29 February 2008

Temperature		
Monthly average:	20,2	°C
Deviation from normal temperature:	-0,4	°C/normal
Deviation from July 2008:	+0,6	°C

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



In July 2009, the average monthly temperature was 0,6°C higher than July 2008, resulting in consumption 2,1% lower. Adjusted for climatic contingencies, monthly demand was down by 2,5%. The rate of growth in adjusted consumption over a 12 month sliding period fell from -1,5% at the end of June to -1,8% at the end of July.

BALANCE OF PHYSICAL ELECTRICAL ENERGY FLOWS ON THE RTE NETWORK

NET INJECTIONS INTO THE RTE NETWORK	July 2009 (GWh)	Trend compared with the same period in 2008	
		July	Since 1st January
Nuclear generation	28 899	↘ -9,2%	↘ -4,4%
Conventional fossil-fuel thermal generation	1 592	↘ -9,2%	↘ -2,9%
Renewable energy sources but hydro	105	↗ 48,8%	↗ 57,8%
Hydro generation	4 519	↘ -18,4%	↘ -3,5%
Total injections	**35 115**	**↘ -10,4%**	**↘ -4,1%**

NET DELIVERIES AT THE TERMINALS OF THE RTE NETWORK	July 2009 (GWh)	Trend compared with the same period in 2008	
		July	Since 1st January
Physical balance of trade	1 358	↘ -71,6%	↘ -32,6%
Pumping	503	↗ 92,7%	↗ 10,3%
Distribution networks	25 167	↘ -1,0%	↗ 1,7%
Industrial consumers (HV)	7 281	↘ -8,4%	↘ -12,1%
Total deliveries	**34 309**	**↘ -10,7%**	**↘ -4,2%**

In July 2009 compared with July 2008, extractions by distributors were down by 0,25 TWh, extractions by industrial consumers were down by 0,65 TWh. Pumping rose by 0,25 TWh. The export balance was down by 3,4 TWh. Generation injected into the RTE network was down by 4,05 TWh. Injections from nuclear installations fell by 2,95 TWh, whilst those from fossil-fuel plants fell by 0,15 TWh and injections from hydro-electric installations were down by 1,0 TWh. Injections from renewable energy sources rose by 0,05 TWh. The physical balance of exchanges remained positive (exporting) throughout the month, but France was a net importer of energy on seven days (from the 1st to the 3rd then from the 7th to the 10th), and at a few points in time on a total of 17 days.

CONSUMPTION AND PHYSICAL EXCHANGES noteworthy data

		July 2009		Last 12 months		Absolute *	
Consumption	Maximum	1 264 GWh	Wednesday 1st	2 035 GWh	07/01/2009	2 035 GWh	07/01/2009
		60 898 MW	Wednesday 1st	92 400 MW	07/01/2009	92 400 MW	07/01/2009
	Minimum	947 GWh	Sunday 19	898 GWh	17/08/2008	856 GWh	06/08/2006
		32 527 MW	Sunday 19	31 411 MW	17/08/2008	29 816 MW	06/08/2006
Export balance of physical exchanges	Maximum	171 GWh	Sunday 19	264 GWh	11/11/2008	298 GWh	08/05/2008
		8 931 MW	Sunday 19	13 746 MW	11/11/2008	13 746 MW	11/11/2008
	Minimum**	-50 GWh	Thursday 2	-50 GWh	02/07/2009	-95 GWh	02/03/2006
		-5 109 MW	Wednesday 1st	-5 109 MW	01/07/2009	- 6 690 MW	02/03/2006

***The minimum values concern the last 30 years for the export balance and the last 5 years for the consumption.** A negative value corresponds to an import balance.**

THE ELECTRICITY MARKET

CONTRACTUAL ELECTRICITY EXCHANGES WITH FOREIGN COUNTRIES

(These exchanges include all transactions managed by RTE)

EXPORTS	July 2009 (GWh)	Trend compared with the same period in 2008	
		July	Since 1st January
Belgium	78	↘ -91%	↘ -70%
Germany	605	↘ -15%	↗ 17%
Switzerland	2 012	↘ -7%	↗ 1%
Italy	1 707	↘ -1%	↗ 3%
Spain	526	↘ -2%	↘ -2%
Great Britain	878	↘ -37%	↘ -30%
Total	**5 806**	**↘ -21%**	**↘ -14%**

IMPORTS	July 2009 (GWh)	Trend compared with the same period in 2008	
		July	Since 1st January
Belgium	575	↗ 153%	↗ n.s.*
Germany	1 733	↗ 63%	↘ -17%
Switzerland	1 761	↗ 67%	↗ 41%
Italy	37	↘ -76%	↘ -68%
Spain	345	↗ 37%	↗ 25%
Great Britain	111	↗ n.s.*	↗ 171%
Total	**4 562**	**↗ 65%**	**↗ 14%**

** Since the beginning of 2009, the volume of imports from Belgium totals 3 239 GWh, compared with 490 GWh in 2008 ; in July 2008, the volume of imports from Great Britain was 12 GWh.*

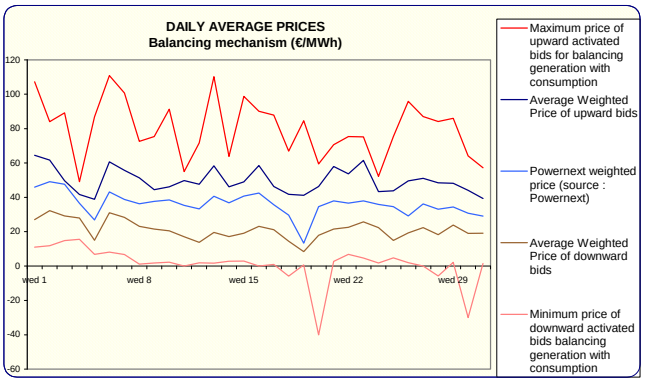
As of the end of July 2009, some 118 contracts were signed for adhesion to the PTS access rules for imports and exports.

BALANCE RESPONSIBLE ENTITIES – BALANCING MECHANISM

As of the end of July 2009, some 40 Balancing Actors and 150 Balance Responsible Entities (*) were declared.

On the 20th and the 30th, very low downward balancing reserves led RTE to call on downward balancing offers with extremely negative prices.

(*) Balance Responsible Entity: any legal 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.



		July 2009 (GWh)	Trend compared with the same period in 2008	
			July	Since 1st January
Exchanges between Balance Responsible	Volume of energy exchanged (via NEB)	24 704	↗ 13%	↘ -6%
Balancing Mechanism	Total volume of energy activated upward	161	↘ -22%	↗ 42%
	Total volume of energy activated downward	418	↗ 59%	↗ 3%

TRANSMISSION NETWORK DEVELOPMENT

In July, the following installations entered service:

- Connection of the 225 kV substation of Saumaty to strengthen the power supply to the north of the urban area of Marseille.
- An inductor of 80 MVA at the 225 kV substation of Romainville, an inductor of 64 MVA at the 225 kV substation of Tamareau.

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