

The purpose of this document is to provide information on the results of operation of the French public transmission network and power system during the past month. Information sources: ERDF, METEOFRANCE, electricity generators, RTE. The data published are correct as of **May 10th 2011**, unless indicated otherwise.

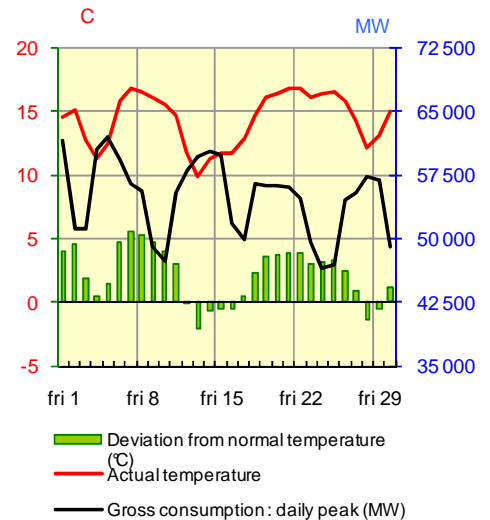
INTERNAL ELECTRICITY CONSUMPTION - perimeter France

Results at end of past month

	April 2011	Deviation from April 2010	Cumulative trend since Jan 1 st	Cumulative trend over last 12 months
National consumption	35.4 TWh	-8.3%	-5.8%	+1.3%
Adjusted consumption *	37.5 TWh	-0.6%	+1.2%	+1.5%

Temperature	
Monthly average	14.3 °C
Deviation from norm	2.2 °C/norm
Deviation from April 2010	+2.5 °C

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



The month of April was marked by historically high temperatures, equal to 14.3°C, the highest recorded figure in the last 30 years, with the exception of April 2007 (14.4°C). Temperatures remained largely above norms (by up to 5.6°C on the 7th), apart from seven days in the middle and end of the month (with temperatures up to 2.0°C lower than the norm, on the 13th). These meteorological conditions led to electricity demand 2.1 TWh lower (-5.6%) than the level expected under normal conditions. With an average temperature 2.5°C higher in April 2011 than in April 2010, gross consumption was down by 8.3%. Adjusted for meteorological contingencies, monthly demand was down by 0.6%, after a fall of 0.7% in March; excluding the energy sector, demand remained up by 1.0%.

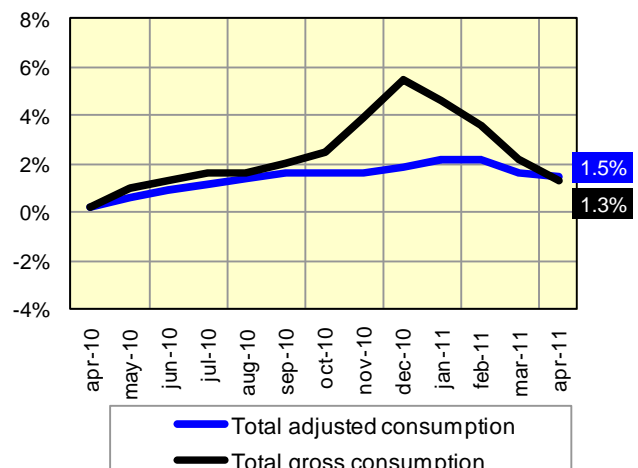
Cumulative trend over last 12 months

Gross consumption in cumulative figures over a 12-month period showed growth of +1.3% at the end of April, down from +2.2% at the end of March, +3.6 at the end of February and +4.6 at the end of January 2011.

The rate of growth in adjusted consumption* showed growth of +1.5% at the end of April, down from +1.7% at the end of March, +2.2% at the end of February and the end of January; excluding the energy sector, adjusted consumption was up by 1.8% at the end of April, down from +2.0% at the end of March and +2.5% at the end of February.

* adjusted for the impact of climatic contingencies in winter and summer

Evolution of National consumption in sliding year



BALANCE OF ELECTRICAL ENERGY IN FRANCE

Results at end of past month

	April 2011 (GWh)	Deviation from April 2010 (GWh)	Trend vs. April 2010	Cumulative trend since Jan 1 st	Cumulative trend over last 12 months
NET GENERATION					
Nuclear	32 860	+1 566	+5.0%	+6.1%	+7.7%
Fossil-fuel thermal	2 896	-667	-18.7%	-13.5%	-3.4%
Hydro	4 036	-1 652	-29.1%	-22.9%	+1.9%
Wind	675	-57	-7.8%	+9.8%	+10.2%
Other renewables *	546	+138	+33.8%	+28.5%	+22.8%
Total net generation	41 013	-672	-1.6%	+0.3%	+6.0%
GROSS INTERNAL CONSUMPTION					
Consumers directly connected to the RTE grid **	6 377	-358	-5.3%	-0.4%	+2.4%
Other consumers and losses on all networks ***	29 057	-2 837	-8.9%	-6.6%	+1.1%
Total gross internal consumption	35 434	-3 195	-8.3%	-5.8%	+1.3%
Energy extracted for pumping	525	-5	-0.9%	-6.6%	-2.0%
Balance of physical exchanges ****	5 054	+2 528	+100%	n.s.	+137%

* mainly: household waste, paper waste, biogas, solar

*** SMEs, professional and individual consumers served by the distribution networks, generation auto-consumed by industrials at their sites, losses on the transmission and distribution networks

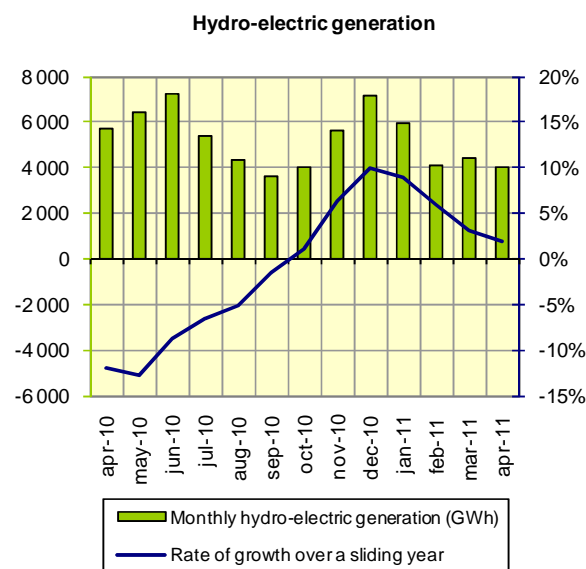
** extractions by these consumers on the RTE network

**** A negative value indicates a net import balance, whilst a positive value indicated a net export balance

In April 2011, net exports totalled 5 054 GWh, twice as high as the figure for April 2010. The balance of exchanges was negative (i.e. France was a net importer) in power terms over just a few hourly periods on a single day. In cumulative terms since January 1st, the export balance is three times higher than in 2010.

Growth in hydro-electric generation

As in February and March, hydro-electric generation reached a record low; the value for April was the lowest for any month of April since 1976, due to the lack of rainfall observed by MétéoFrance right across the country. In cumulative terms since January 1st, hydro-electric generation is down by 22.9% compared with 2010.

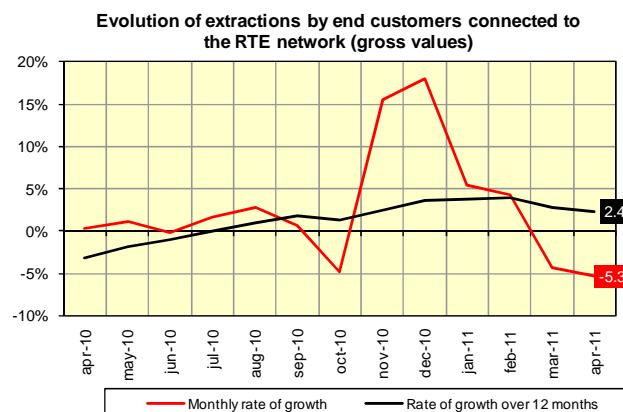


Development in extractions by heavy industry

In April 2011, the rate of growth in monthly extractions by consumers connected directly to the RTE network was down on the previous year (-5.3% compared with April 2010), in line with the decrease observed in March (-4.3% compared with March 2010).

Excluding the energy sector, the monthly growth rate continues to slow, though remaining positive, and reached +4.2% in April 2011, following values of +5.3% in February and +12.4% in December 2010. Extractions in April 2011 were 13.3% higher than in April 2009, but nonetheless down by 8.7% on April 2008 and by 4.4% on April 2007.

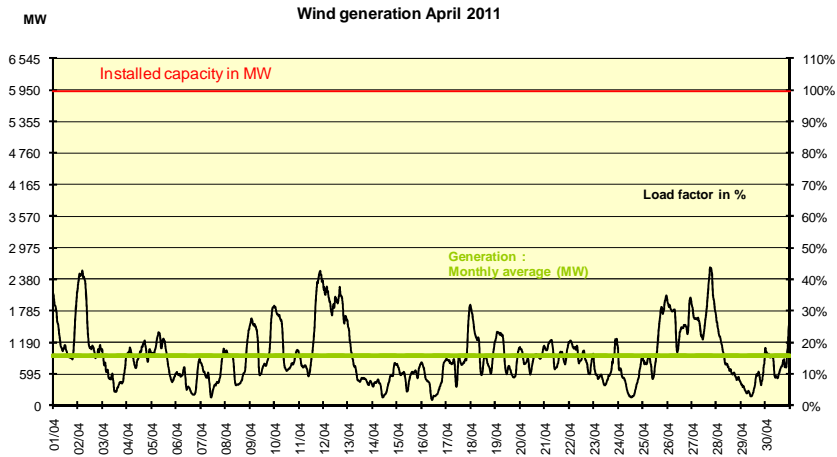
Over a sliding year, the rate of growth in extractions by consumers connected directly to the RTE network, which returned to a positive value in August 2010 (+1.0%), was +2.4% at the end of April, following values of +2.8% in March and around 4.0% over the period December 2010 to February 2011.



Wind generation over the past month

Wind generation and installed capacity

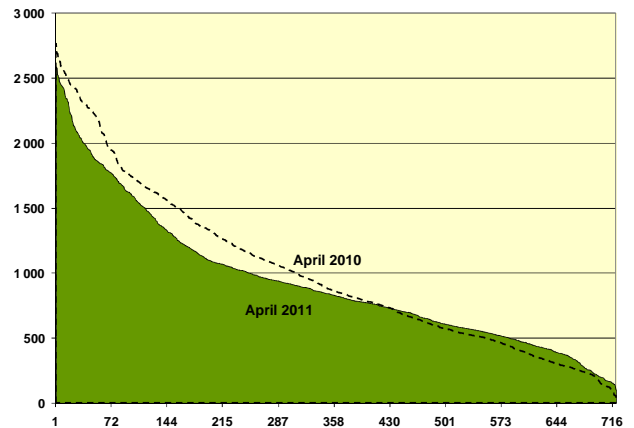
As of the end of April, installed capacity exceeded 5 925 MW. Average wind generation was 936 MW in April. The month of April 2011 saw less wind than April 2010. The load factor was 16%, compared with 22% in April 2010 (when average generation was 1 005 MW for installed capacity of 4 500 MW). Generation fluctuated during the month between extremes of 96 MW (load factor: 2%) on Saturday April 16th, and 2 590 MW (load factor: 44%) on Wednesday April 27th.



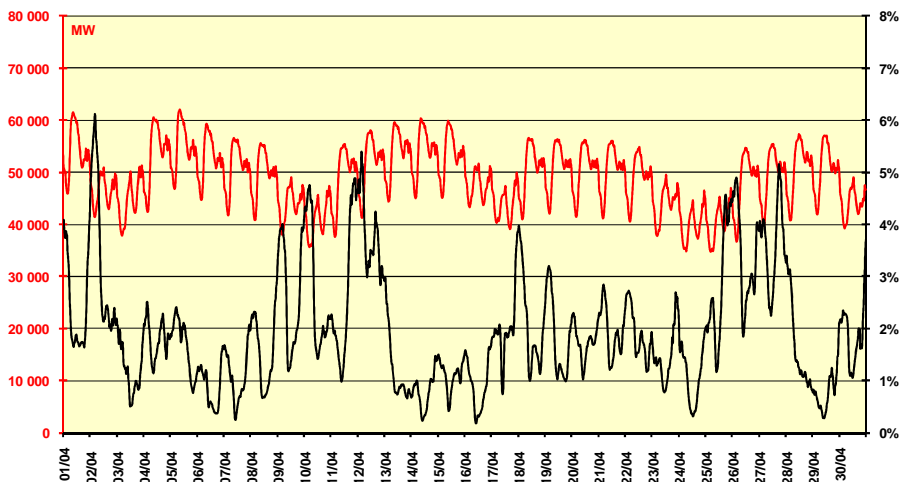
Hourly coverage rate

The average rate of coverage of demand by wind generation was 2.0%, compared with 1.9% in April 2010; a maximum of 6.1% was reached at 5.00am on Saturday April 2nd, when wind generation was 2 532 MW and demand 41 407 MW.

Wind generation April 2011 Load Distribution (MW)/Hours



Consumption April 2011 (MW) and rate of coverage by wind generation (%)



EXTREME values for consumption, exchanges – perimeter France*

		April			Last 12 months			Absolute **					
Gross internal consumption	Maximum	1 320 GWh	Tue 5	61 997 MW	Tue 5	2 098 GWh	15/12/2010	96 710 MW	15/12/2010	2 098 GWh	15/12/2010	96 710 MW	15/12/2010
	Minimum	966 GWh	Sun 24	34 759 MW	Mon 25	915 GWh	15/08/2010	31 858 MW	15/08/2010	856 GWh	06/08/2006	29 816 MW	06/08/2006
Balance of physical exchanges ***	Maximum	219 GWh	Sun 10	12 147 MW	Fri 8	277 GWh	15/01/2011	13 887 MW	16/01/2011	298 GWh	08/05/2008	13 887 MW	16/01/2011
	Minimum	46 GWh	Thurs 7	-1 073 MW	Thurs 7	-117 GWh	21/10/2010	-7 111 MW	18/10/2010	-140 GWh	16/12/2009	-7 794 MW	06/01/2010

* Excl. Corsica ** The minimum values concern the last 30 years for the physical exchange balance, and the last 5 years for consumption.

*** A positive value indicates a net export balance, a negative value indicates a net import balance.

THE ELECTRICITY MARKET**CONTRACTUAL CROSS-BORDER ELECTRICITY EXCHANGES**

	EXPORTS			IMPORTS			CUMULATIVE VOLUME OF EXCHANGES			EXPORT BALANCE*		
	April 2011 GWh	Trend vs. Apr-10	Cum. trend since Jan 1 st	April 2011 GWh	Trend vs. Apr-10	Cum. trend since Jan 1 st	April 2011 GWh	Trend vs. Apr-10	Cum. trend since Jan 1 st	April 2011 GWh	Trend vs. Apr-10	Cum. trend since Jan 1 st
Belgium	676	133%	n.s***	100	-71%	-80%	776	23%	19%	576	n.s**	n.s***
Germany	1 018	43%	46%	509	-62%	-39%	1 527	-25%	-18%	509	n.s**	82%
Switzerland	2 318	9%	11%	158	-31%	-6%	2 476	5%	9%	2 160	14%	14%
Italy	1 460	-4%	-2%	4	-3%	36%	1 464	-4%	-1%	1 456	-4%	-4%
Spain	212	n.s**	146%	383	-2%	-7%	595	34%	10%	-171	49%	29%
GB	597	23%	92%	143	-66%	-58%	740	-18%	-8%	454	n.s**	n.s***
TOTAL	6 281	21%	29%	1 297	-52%	-41%	7 578	-4%	-1%	4 984	101%	n.s***

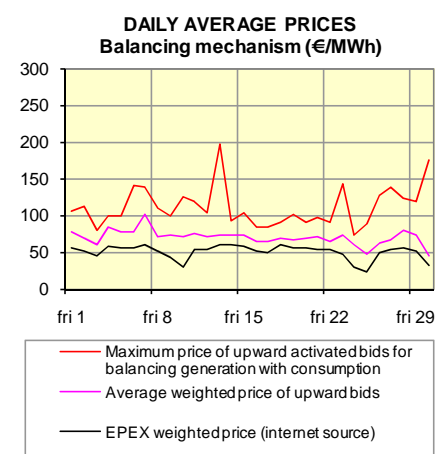
* A negative value indicates a net import balance ** In April 2010, exports to Spain were 54 GWh; France imported a net total of 50 GWh from Belgium and 618 GWh from Germany, whilst exporting a net total of 67 to Great Britain. *** in cumulative terms since January 1st 2011, exports to Belgium total 3 118 GWh, compared with 794 GWh over the same period in 2010; the overall balance shows total net exports to Belgium of 2 681 GWh (compared with net imports of 1 398 GWh over the same period in 2010), and net exports of 1 626 GWh to Great Britain (compared with net imports of 1 447 GWh over the same period in 2010); the overall balance shows net exports by France of 16 886 GWh as of the end of April 2011, compared with 5 048 GWh at the end of April 2010.

France was a net exporter to Germany for the first time since June to August 2010.

BALANCING MECHANISM - BALANCE RESPONSIBLE ENTITIES

	April 2011	Deviation from Apr-10	Trend vs. Apr-10	Cum. trend since Jan 1 st
Balancing Mechanism				
Total energy activated upward	293 GWh	+86 GWh	+42%	-28%
Total energy activated downward	255 GWh	-102 GWh	-29%	-17%
Number of parties	39	+2		
Exchanges between Balance Responsible entities* via block exchange notifications (NEBs)				
Energy exchanged between BRs via NEBs	24 686 GWh	+2136 GWh	+9%	+4%
Number of BRs	158	+9		

* Balance Responsible Entity: any legal entity who is committed to RTE, under a Balance Responsible contract, to settling the costs of the imbalances calculated retrospectively, 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.

**NEW or REFURBISHED INSTALLATIONS**

In April, the following RTE installations were electrified for the first time:

- the metal-clad 225 kV substation at Doulon in Loire-Atlantique, connected via an underground cable to the Chevire-St Joseph overhead line, and the 225 kV Conception substation in Marseille in the Bouches-du-Rhône, connected to the Arenc-Rabatau underground line,
- the 150 kV Plombières-Vincey overhead line near Epinal in the Vosges, following total replacement of the conductors,
- the 63 kV Carling-St Avold and Creutzwald-spur Carling-St Avold lines in Moselle, following partial replacement of the conductors, and the 63 kV Bacalan-De Luze n°2 underground line, after the conductors were moved as part of work to extend the Bordeaux tramway.