

Media Release: September 29th, 2011

Household Energy Price Index for Europe

September Prices Just Released

Who is paying the most? Who is paying the least?

And where are the prices heading in Europe?

KEY FINDINGS AS OF SEPTEMBER 2011

If we except changes due to currency fluctuations, prices for both gas and electricity have been rather stable in September compared to last month.

The only noticeable change for electricity regards Luxembourg where distribution prices increased.

Regarding the French electricity market, for the first time the main competitor offers the same electricity price as the regulated price. In the past this price always used to be higher. For years, the trend for "new entrants" was to peg their offer to the regulated price with a discount of 5-10%. As the regulated price is set very low this led to big difficulties for market entrants and in the long-run hinders competition. As a result many of the new entrants now offer prices above the regulated price and had to change their marketing messages to attract new customers.

The index shows that residential electricity prices steadily

In This Month's Edition

HEPI price trend - Energy prices on continuous upwards trend, even though prices were stable this month

Total price ranking – Except changes to currency fluctuations stable prices

Energy Price breakdown – Market forces represent less than half of the electricity bill

decreased over the first half of 2009 but started continuously rising from 2010 on and have reached a new peak of 108.2 index points the second month in a row. The price index for gas dropped significantly in 2009 and reached its lowest value only in December at 80.3 index points (six months after the electricity price index). Retail prices started to recover in December 2009 – January 2010 when a cold wave hit many parts of Europe. The index almost regained to its January 2009 level this month.

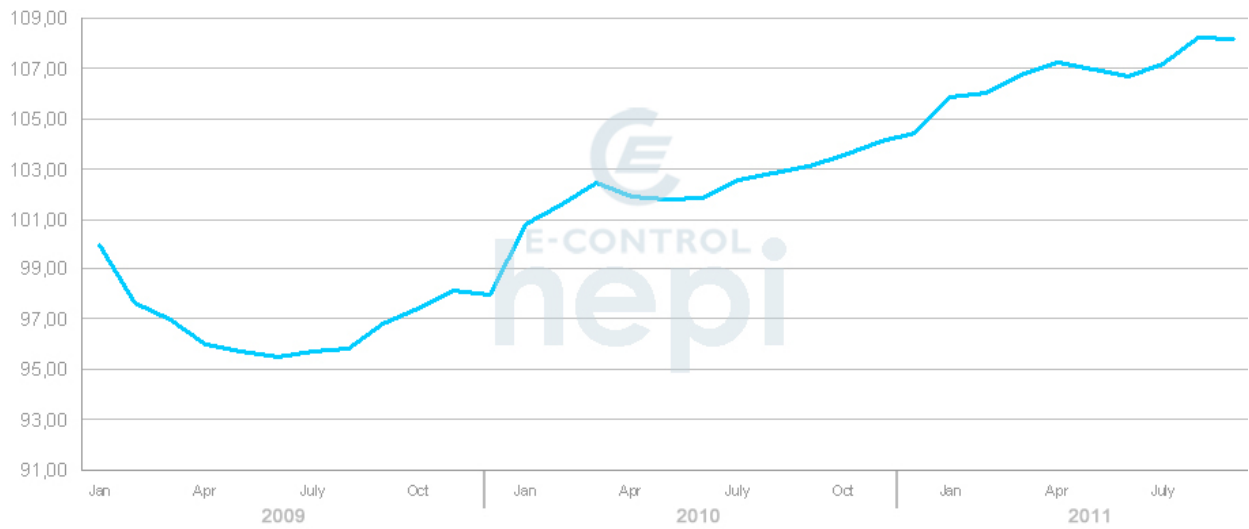
The "Total Price Rankings" table shows that depending on where a customer lives in Europe, the price that customer has to pay can vary by almost 140% per kWh of electricity and by a staggering 380% per kWh of gas. Household customers in Copenhagen pay by far the highest electricity price within the capital cities of the EU-15 (though 55% is made up of taxes), while customers in Athens pay the least. Natural gas household customers in Stockholm pay by far the most within the capital cities of the EU-15 where end-user prices are over 70% higher than in the second most expensive city Copenhagen and close to five times as much as in the British capital city where Londoners enjoy by far the lowest prices. The incredibly high prices in Stockholm can largely be explained by the limited size of the residential market (there are only about 44,000 household gas customers in the whole of Sweden¹) and the fact that gas heating is almost nonexistent in Sweden.

The breakdown of end-user energy prices into four components (energy, distribution, energy taxes and VAT) also shows major variations. Our survey shows that on average, the electricity price component (including retail margins) represents about 45% of the total cost, distribution 30%, energy taxes 12% and VAT 14%, whereas the natural gas price component (including retail margins) represents 53% of the total cost, distribution 24%, energy taxes 9% and VAT 14%. Copenhagen is a very unusual case; the cost of electricity as a commodity represents less than a fourth of the end-user price, by far the lowest of all surveyed cities, whereas the energy taxes represent an astonishing 35% (about three times the EU-15 average) and 55% if we include VAT. Overall, the results show that market forces represent only about half of the end-user price (both for electricity and gas) whereas national fiscal and regulatory elements are responsible for the other half through distribution tariffs, energy taxes and VAT.

¹ The Energy Markets Inspectorate, The Swedish electricity and natural gas markets 2009, June 2010.

EUROPEAN ENERGY PRICE DEVELOPMENT (EXCLUDING TAXES)

Development of European electricity prices ⚡



Development of European gas prices 🔥



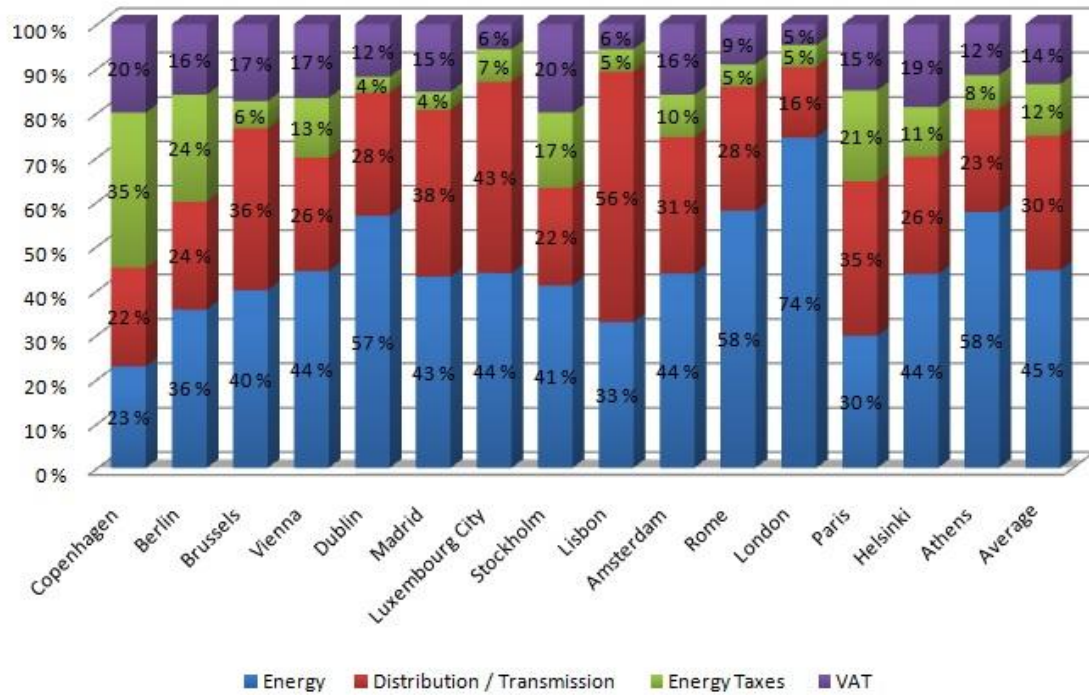
TOTAL PRICE RANKINGS (INCLUDING ENERGY, DISTRIBUTION AND TAXES)

		Electricity (all tax included)			Gas (all tax included)		
Ranking	City	Price in € cent / kWh	Change / previous month	Ranking	City	Price in € cent / kWh	Change / previous month
Most Expensive	1 Copenhagen	30,46	↑	Most Expensive	1 Stockholm	20,84	↓
	2 Berlin	25,11	→		2 Copenhagen	12,16	↓
	3 Brussels	23,03	↓		3 Rome	8,17	→
	4 Madrid	20,91	→		... Average	8,03	↓
	5 Dublin	19,85	→		4 Brussels	7,52	↓
	6 Vienna	19,39	→		5 Vienna	7,33	↑
	... Average	18,99	→		6 Berlin	7,07	→
	7 Stockholm	18,34	↑		7 Athens	7,01	↑
	8 Lisbon	18,09	→		8 Madrid	6,88	→
	9 Luxembourg City	17,84	↑		9 Amsterdam	6,58	→
	10 Amsterdam	17,82	→		10 Luxembourg City	6,41	↓
	11 Rome	16,59	→		11 Paris	6,47	↓
	12 London	15,32	↑		12 Lisbon	6,16	→
	13 Helsinki	15,17	→		13 Dublin	5,13	→
	14 Paris	13,92	→	Cheapest	14 London	4,74	→
Cheapest	15 Athens	12,95	→				

Source: E-Control and VaasaETT (Prices as of September 1st, 2011)

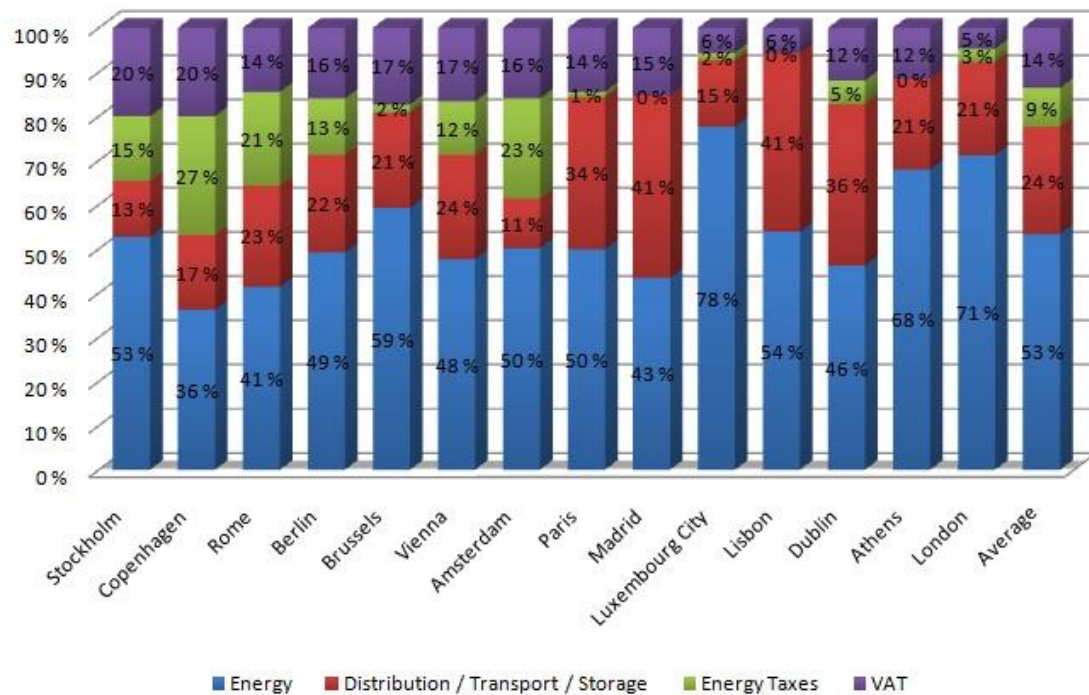
ENERGY PRICE BREAKDOWN

Residential Electricity Price Breakdown



Source: E-Control and VaasaETT (Prices as of September 1st, 2011)

Residential Gas Price Breakdown



Source: E-Control and VaasaETT (Prices as of September 1st, 2011)

What is the HEPI?

Based on the electricity and natural gas prices collected both for incumbents and competitor companies in capital cities of EU15 member states, E-Control Austria in cooperation with VaasaETT has compiled The Household Energy Price Index, HEPI. The HEPI is a weighted end user price index that assesses overall price developments in Europe.

The HEPI is Europe's only independent comparative monthly index of electricity and gas prices across the 'EU 15' states. Data is collected directly from utilities and authorities in the respective markets, using a thorough, precise and comparative definition and methodology.

The HEPI project also compiles and publishes a monthly ranking and analysis of capital city prices within the EU15.

E-Control Austria and VaasaETT will continue to publish HEPI every month.

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Subscribe to the free monthly update of the HEPI index for Europe. Get the latest prices delivered automatically to your email. Just send an email request to Christophe Dromacque

About the Authors

E-Control

E-Control GmbH was set up by the legislator on the basis of the new Energy Liberalisation Act and took up work on 1 March 2001. E-Control is headed by Mr Walter Boltz as the managing director and is entrusted with monitoring, supporting and, where necessary, regulating the implementation of the liberalization of the Austrian electricity and natural gas markets.

More at: www.e-control.at

VaasaETT Global Energy Think Tank

The VaasaETT Global Energy Think-Tank is a leading independent think-tank for the global utilities industry. A unique collaborative concept based on the philosophy of value-for-all through its network of thousands of senior executives, officials, researchers and other experts who are for the most part known and trusted personally.

The Think-Tank focuses broadly on practical strategic business and market issues including Marketing, Psychology, Behaviour and Market Requirements relating to Successful Competition, Customer Switching & Loyalty, Smart Grid, Demand Response, Smart Home and Energy Efficiency, as well as envisioning state of the art innovations and developments.

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