



## **Public Power Corporation SA**

## **Annual Results 2008**

Athens, March 24, 2009



#### **Financial Results**

#### Mr. George Angelopoulos, CFO

**Recent Developments** Mr. Takis Athanasopoulos, Chairman and CEO





### **Financial Results**

#### Mr. George Angelopoulos Chief Financial Officer



### 2008 : Summary Financial Results: P&L

Key Figures (€ mil.)	2008 Without CO2 expense	2008 With CO2 expense	2007	Δ	Δ%
Total Sales	5.823,5	5.823,5	5.154,2	669,3	13,0
Electricity Sales	5.456,1	5.456,1	4.808,2	647,9	13,5
Payroll	1.419,5	1.419,5	1.417,8	1,7	0,1
3 <sup>rd</sup> party coal	51,4	51,4	44,2	7,2	16,3
Fuel Expenses	1.925,0	1.925,0	1.416,2	508,8	35,9
Energy Purchases	999,8	999,8	650,2	349,6	53,8
CO2 Expense		108,1	0,0	108,1	
Transmission System Charges	336,5	336,5	302,0	34,5	11,4
Other Operating Expenses	580,5	580,5	543,1	37,4	6,9
Provisions	59,1	59,1	-12,8	71,9	
EBITDA	451,7	343,6	818,7	-475,1	-58,0
Depreciation (incl. lignite)	514,4	514,4	572,0	-57,6	-10,1
Net Financial Expenses	186,7	186,7	154,5	32,2	20,8
ЕВТ	-287,8	-395,9	276,4	-672,3	



### 4<sup>th</sup> Quarter 2008 : Summary Financial Results: P&L

Key Figures (€ mil.)	4Q 2008 Without CO2 expense	4Q 2008 With CO2 expense	4Q 2007	Δ	۵%
Total Sales	1.407,2	1.407,2	1.312,4	94,8	7,2
Electricity Sales	1.323,8	1.323,8	1.218,6	105,2	8,6
Payroll	381,5	381,5	361,7	19,8	5,5
3 <sup>rd</sup> party coal	15,1	15,1	10,5	4,6	43,8
Fuel Expenses	434,7	434,7	373,4	61,3	16,4
Energy Purchases	227,7	227,7	151,7	76,0	50,1
CO2 expense		0,6	0,0	0,6	
Transmission System Charges	79,8	79,8	76,8	3,0	3,9
Other Operating Expenses	162,9	162,9	141,0	21,9	15,5
Provisions	43,3	43,3	-10,6	53,9	
EBITDA	62,2	62,8	207,9	-145,1	-69,8
Depreciation (incl. lignite)	130,6	130,6	141,5	-10,9	-7,7
Net Financial Expenses	55,2	55,2	41,6	13,6	32,7
EBT	-138,2	-137,6	199,8	-337,4	

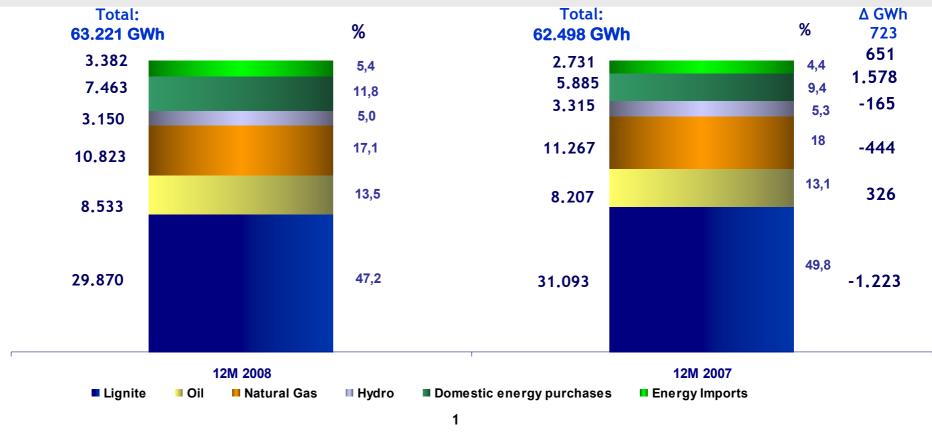


We have impacted our 2008 financial results with € 108,1 mil, to cover for the estimated deficit in CO₂ emission rights.



#### Total Energy Balance – Demand Coverage 2008 vs 2007

Expense Increase of € 921 mil (of which € 789 mil. due to price increases of imported fuel, imports, energy purchases and the CO2 expense)



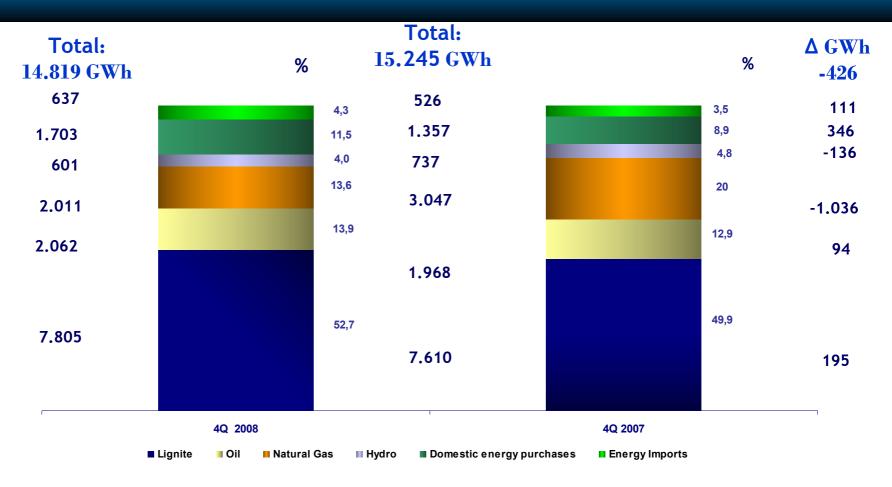
> PPC covered the decrease in lignite generation (1.223 GWh) and the increase of demand (723 GWh), with more expensive fuel and energy purchases.

> Only 52,2% from the energy sold has been generated by domestic fuel (lignite, hydro, RES).

1. Including PPC renewables generation of 176 GWh in 12M '08 & 172 GWh in 12M'07



#### Total Energy Balance – Demand Coverage 4Q 2008 vs 4Q 2007

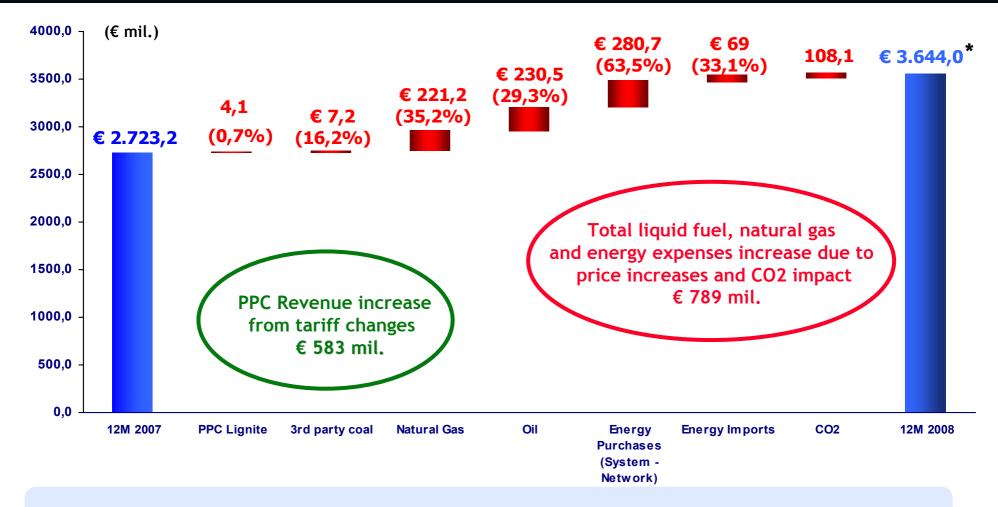


Evolution of Fuel and Energy Prices paid by PPC in 2008

	Fuel Prices 2008	Fuel Prices 2007	Price Change (%)	2008 Quantities	Change in Quantities (%) 2008 - 2007
Fuel-oil (€/tn)	390,38	293,76	32,9%	1.727.000 tn	9,6%
Diesel-oil (€/klt)	678,68	547,76	23,9%	506.000 klt	-14,4%
Natural Gas (€/kNm3)	0,36293	0,25770	40,8%	2.343.256 bcm	-4%
System Marginal Price (€/MWh)	88,28	64,52	36,8%	6.953 GWh	28,8%
PPC Imports (€/MWh)			5,0%		23,8%

#### Total Fuel and energy purchases expenditure 2008 vs 2007

Expense increase of € 681 mil. due to price increases in imported fuels and energy purchases, coupled with the expense of €108,1 mil. for CO2 emissions, result in an impact of € 789 mil.

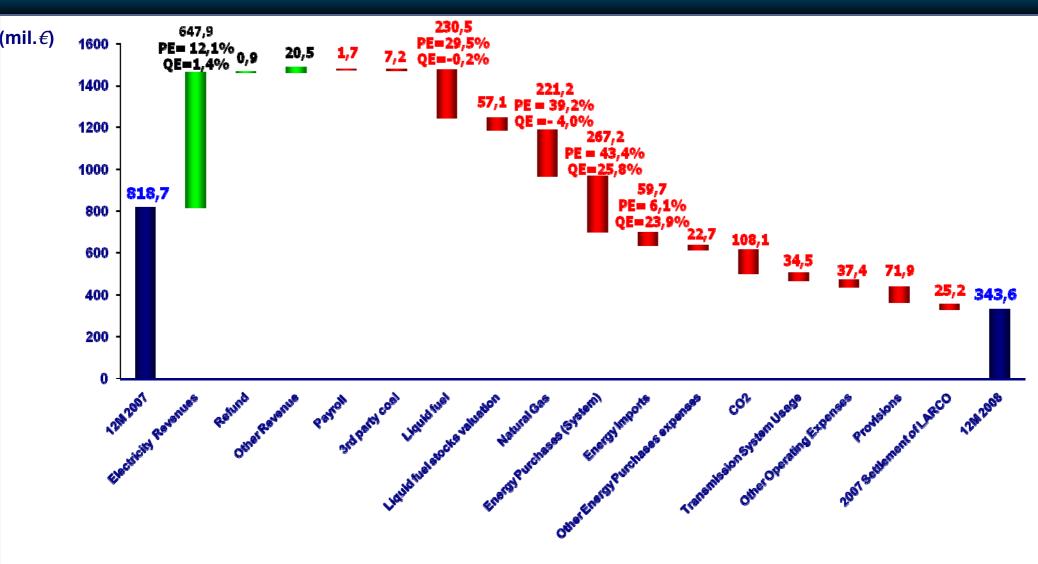


➤ The price effect of the unprecedented rise in fuel and electricity costs, coupled with the impact of CO2 emissions, exceeded the significant revenue increase that resulted from tariff changes by € 206m.

\* Does not include the negative impact from liquid fuel stocks valuation (€ 57,1m)

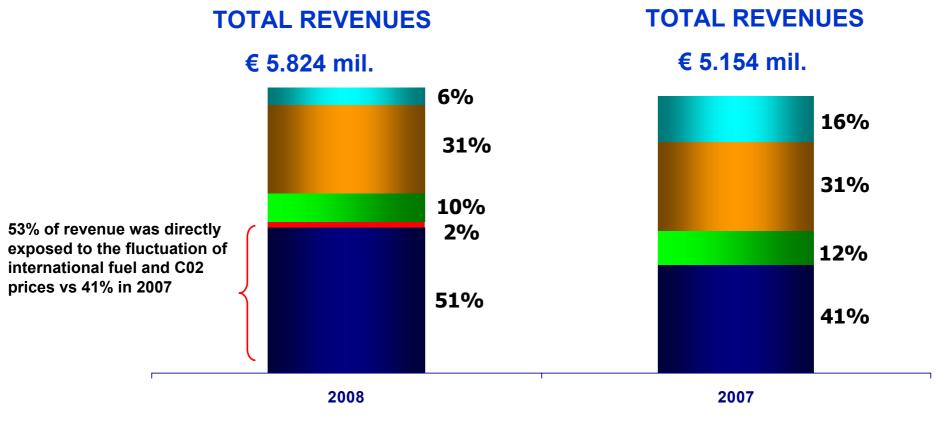


### EBITDA Reconciliation – 2008 vs 2007



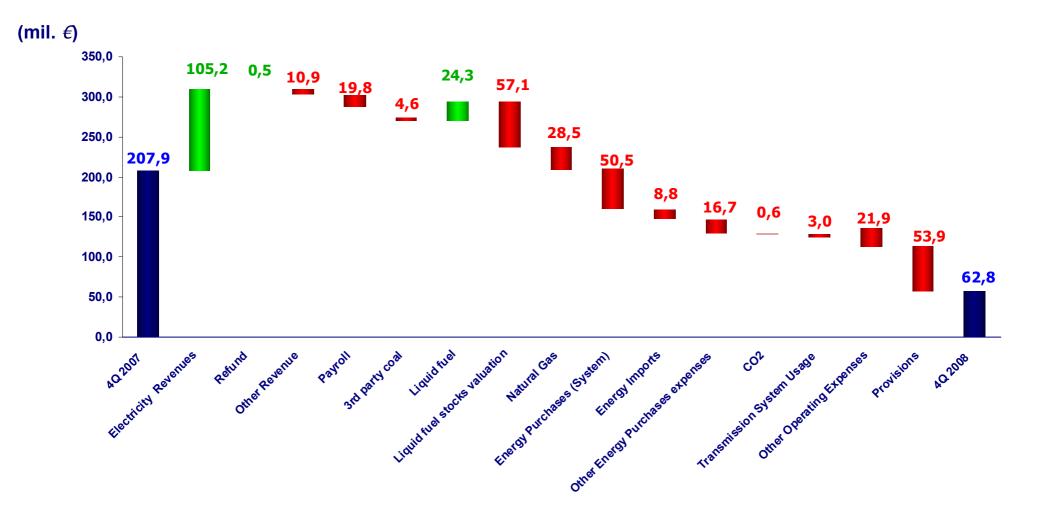


# Fuel, other energy costs and EBITDA as percentage share of Revenues (2008 vs 2007)



■ Fuel and Energy Purchases ■ CO2 Expenses ■ PPC Lignite ■ Payroll and Other Expenses ■ EBITDA Margin

# EBITDA Reconciliation- 4Q 08 vs 4Q 07





### EBT Reconciliation : 12M '08 vs. 12M '07

	Δ 12M 08 - 12M 07	Cumulative Effect on P&L
12M 07 : EBT		276
Total Revenues		669,3
Expenses outside PPC control Price Effect on Fuel and Energy Purchases	680,9	880,6
CO2 Provision	108,1	
Transmission System Usage	34,5	
Liquid fuel stocks valuation	57,1	
		211,3
Expenses within PPC control		173,2
Quantity Effect of fuel and energy purchases	120,4	
Other Operating Expenses	41,4	
Lignite Cost	11,4	204.5
		384,5
Expenses Reduction		64,1
Payroll	6,5	
Depreciation	57,6	
		320,4
Provisions	97,1	
Financial Expenses	89,8	
		186,9
Net Revenues from Tellas sale		165,0
Net Impact on EBT		672,3





## **Recent Developments**

Mr. Takis Athanasopoulos Chairman of the Board, and Chief Executive Officer



# Major developments (1)

Removal of restrictions in replacing old units	In Jan. 2009 PPC was granted by law the right to replace the old inefficient and polluting plants with new facilities incorporating modern and environmentally friendly technology removing previous restrictions
Megalopolis V CCGT	In process of the technical evaluation of the 4 bids submitted in Novem- ber for the construction of an 800MW CCGT plant, which is expected to be completed soon. Award proposal will be submitted for approval in one of the next BoD meetings.
Florina II Lignite plant	No offers were submitted in the International Tender which expired in February '09. The main specifications of the Project are being reconsidered, in order to proceed with a new Tender.
Ptolemaida V Lignite plant	Tender documents to be issued soon.
Mesochora Project	Mesochora hydro-electric project (160MW): the land expropriation issue was resolved. Start of operation expected in 2011.
Rhodes Project	South Rhodes SES project (120MW) close to being awarded.

# Major developments (2)

Distribution Network	<ul> <li>Significant improvement of the time needed for electrical connections</li> <li>Improvement in the quality of the services provided (i.e. frequency of faults, average fault recovery).</li> </ul>
JV PPC - Halyvourgiki	<ul> <li>Signing of the Shareholders' Agreement.</li> <li>Agreement on the draft of the Articles of Association.</li> <li>Filed application for approval of the JV to the National Competition Authority.</li> </ul>
JV PPC – RWE - Titan	<ul> <li>PPC and RWE submitted to Albanian Ministry of Economy, Trade and Energy, the investment proposal for the construction of an 800 MW coal-fired plant.</li> <li>Titan has the option to participate with a 10% share.</li> </ul>
MoU with URBASER	<ul> <li>PPC and Urbaser recently agreed on an "MoU", providing for the development of projects in relation with Waste-to-Energy, the Waste Management sector in general, as well as urban and industrial Waste Water Treatment.</li> </ul>



# Major developments (3)

PPC Renewables	• • •	Signed agreement with Enercon for the construction of 9 wind farms on islands with a capacity of 35 MW. Construction works of Smokovo SHEP 10 MW were completed. Will proceed with on load tests. Small Hydroelectric Power Plant (SHEP) of Agia Varvara 0.9 MW was put into operation.
Hard-coal Projects Aliveri and Larymna		State's decision to exclude hard-coal from the Country's energy mix



Revenues from energy sales:	€ 5,740 mln
Expenses for liquid fuels, natural gas and energy purchases/imports:	€ 2,097 mln
EBITDA:	€ 1,295 mln
EBITDA margin:	21%
EBT:	€ 531 mln
Capital Expenditure:	€ 1,253 mln
Target controllable cost saving:	€ 90 mln
Target EBT (with cost saving):	€ 621 mln
Generation from Lignite power plants:	31,000 GWh

Assumption: Brent 55\$/bbl, €/\$ Exchange Rate 1.25



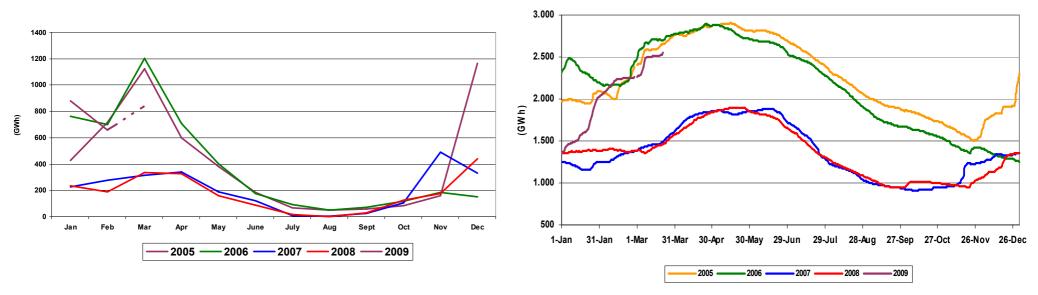
## Jan. – Feb. 2009 key performance trends

Energy Balance	<ul> <li>Improved hydro output as a result of increased water inflows</li> <li>Generation from lignite power plants on budget</li> </ul>
Revenues	<ul> <li>Energy sales revenue growth stands at 3.3% yoy but 2.7% below budget</li> <li>The price effect of the last tariff increases (Dec. 07 and Jul. 08) is partly offset by the 5.5% drop in the quantity of electricity sold, mainly related to a significant drop in industrial consumption</li> </ul>
Fuel and Energy Costs	<ul> <li>Lower oil prices and SMP are driving down fuel and energy expenses, which are trailing below budget by c. 23% and below last year level by c. 31%.</li> </ul>
Controllable Costs	<ul> <li>Controllable costs for the first two months contained below budgeted levels. FY target set at €90 mln.</li> </ul>
Profitability	<ul> <li>EBITDA margin close to 30% compared to 19% last year and 22.4% in the budget</li> <li>Preliminary unaudited estimate of pre-tax profits for the first two months of the order of €190mln vs € 69 mln last year and €106 mln in the budget<sup>20</sup></li> </ul>

### Evolution of Water Inflows and Reserves (GWh / 2005-2009)

#### **Water Inflows**



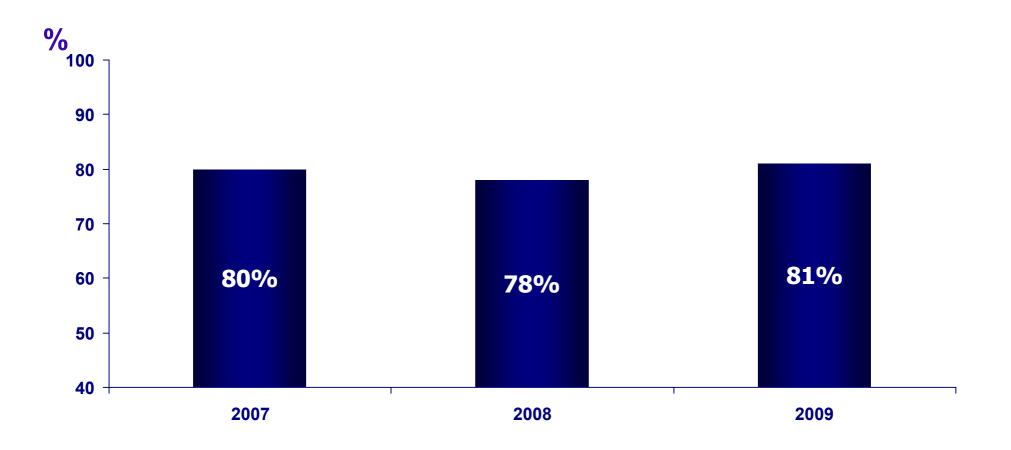


	2005	2006	2007	2008	Jan-09	Feb-09	Jan-08	Feb-08
Hydro Output (GWh)	5,367	6,255	3,143	2,973	281	439	279	263

As a result of increased water inflows, hydro output was 43% higher than budgeted and 33% higher year-on-year. Water reserves stand close to the respective 2005 and 2006 levels.



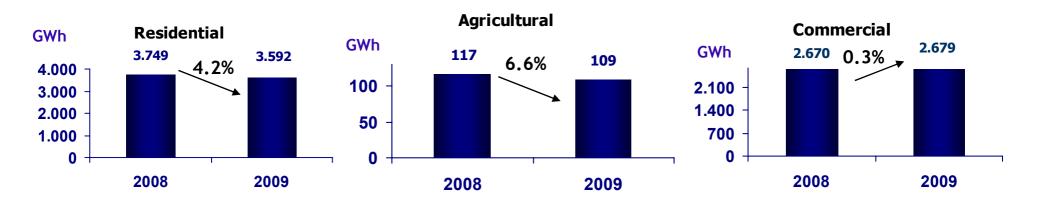
### Lignite Plants Availability

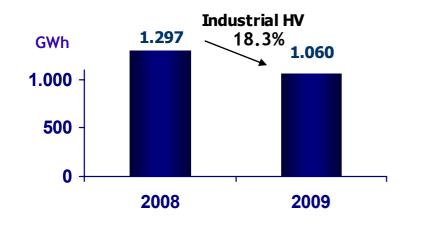


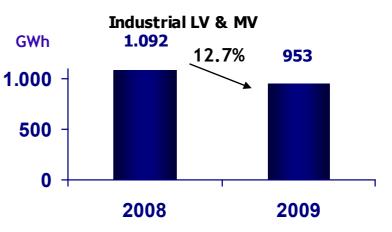
Increased availability of lignite power plants contributed to a 5% increase in lignite power generation vs last year



# Electricity Sales (GWh) declined on average by 5.5% in the first two months of 2009 (520 GWh)

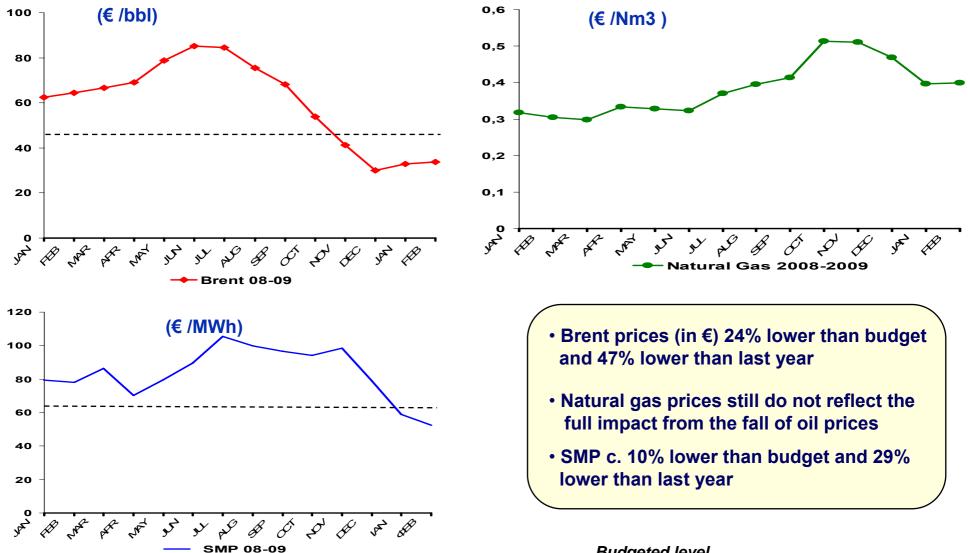






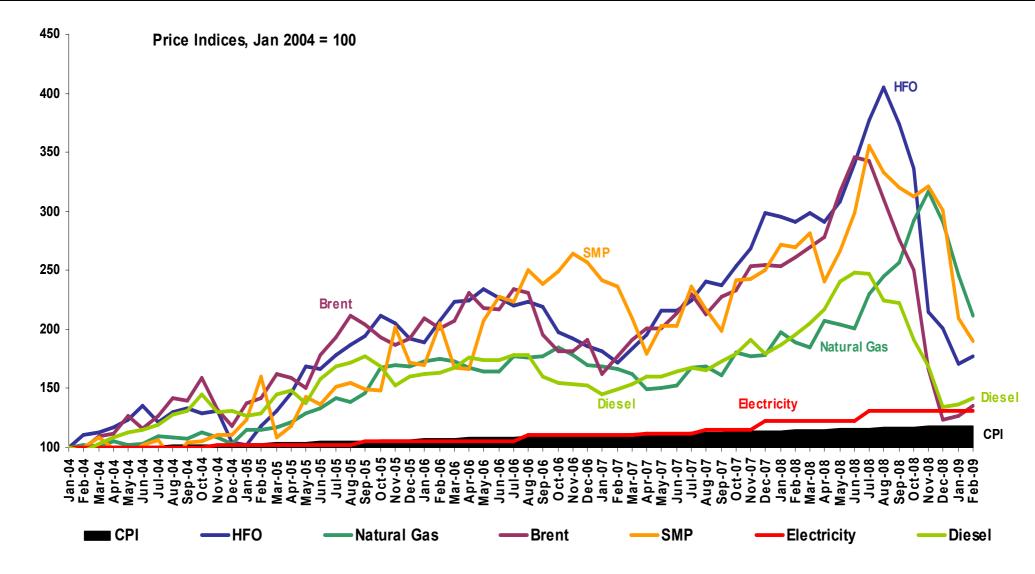


### BRENT (€ /bbl), Natural Gas (€/Nm³), SMP (€/MWh) -**Average Monthly Prices**





Limiting earnings volatility is subject to PPC's ability to pass-through fuel price increases





### **Controllable Cost Management**

#### Controllable Cost Reduction Program – Annual cost reduction target of € 90 mln

#### Main efficiency improvements targeted for 2009:

- reduction of inventory levels of materials and spare parts
- development of supply chain management policy redesign of procurement processes of goods and services
- containment of the use of subcontractors in maintenance activity
- containment of overtime and business travelling
- consolidation of sales offices and network branches



#### **Main Developments**

- □ €500 mIn Euro bond redeemed in March 2009
- □ Remaining redemptions until end 2009 € 650 mIn
- □ Credit lines of € 1.6 bln at present
- □ In process of setting up a € 2bIn EMTN program
- Next major Euro bond maturity in November 2010



We reiterate our guidance for 2009. We do see upside potential if current fuel and hydro conditions prevail throughout the year.

However:

- developments on the demand side,
- the impact of the financial crisis on our customers and, most importantly,
- the entrance of independent suppliers in the retail market which has been designed to operate under conditions of extensive tariffs distortion, permitting to newcomers cherry picking practices and unwarranted profit margins.

may impair this upside potential.



Some of the information contained herein includes forwardlooking statements. It is noted that the Company is subject to various risks, which, among other, relate to \$/€ exchange rate, oil, natural gas and electricity prices as well as the price of CO2 emission rights that could cause actual results to differ materially from those anticipated in the forward-looking statements.