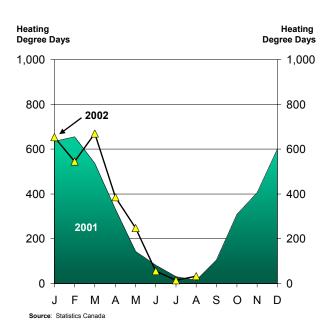
# Natural Gas Market Update October 2002

The monthly report "Natural Gas Market Update" provides a brief update on natural gas prices and on key factors affecting prices. The charts illustrate monthly data for the full year 2001 and year-to-date 2002.

# **NATURAL GAS PRICES**

This figure illustrates the price of natural gas at the major Canadian pricing point – the Intra-Alberta gas market. The price is for gas delivered under a 30-day contract. This is a commodity price – a wholesale price in the producing area. Consumer (or "burner tip") prices will also include pipeline transmission and distribution costs, which vary across Canada. Natural gas is commonly measured in gigajoules (GJ) or cubic metres. A gigajoule is an energy unit, which equates to about 27 cubic metres of natural gas.

Canadian natural gas commodity prices increased 28% to \$4.27 CDN/GJ in October 2002.



#### **DEMAND FOR NATURAL GAS**

This figure illustrates total Canadian natural gas sales. Sales include all natural gas sold to residential and commercial users (for space and water heating, cooking, etc), industries and electricity generating units in Canada. The totals do not include consumption by the natural gas industry itself (e.g., pipeline compressor fuel).

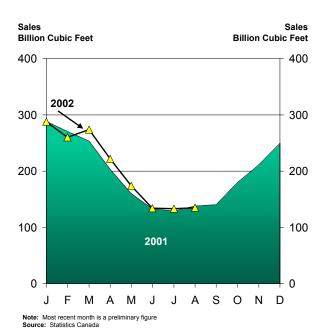
Natural gas sales to Canadian consumers in August 2002 were about 135 Bcf, 2% lower than in August 2001.



### **HEATING DEGREE DAYS**

HDD's are a measure of how cold it is. The more HDD's in any season, the greater is natural gas demand for space heating. If the winter is unusually cold, demand will respond accordingly and natural gas prices will tend to be stronger. However, if the winter is mild, demand will be weaker, and this will tend to moderate prices.

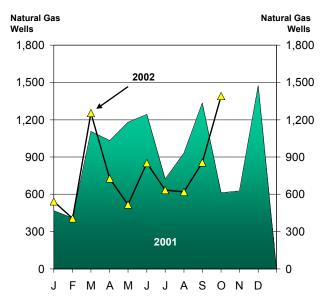
In August 2002, there were 32 HDD's, 123% more HDD's than in August 2001. August 2002 was 4% colder than normal.



# **NATURAL GAS STORAGE**

This chart indicates natural gas storage levels in Canada. The amount of gas in storage generally follows a seasonal pattern. In the summer, when natural gas demand is low, gas is injected into storage. Storage volumes peak in the fall. In winter, volumes are drawn down, reaching a low point in the spring.

Canadian gas storage inventories increased by 22 Bcf during the month of September 2002. Storage levels at the beginning of October 2002 were 1% higher than those of October 2001.



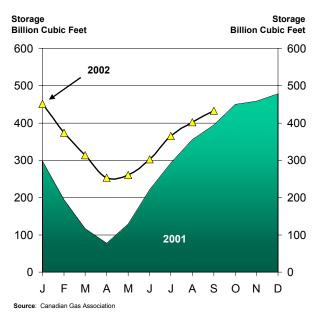
Source: Daily Oil Bulletin. Monthly totals estimated from weekly data

# **NATURAL GAS PRODUCTION**

This chart shows marketable natural gas production in Canada. Marketable natural gas is the gas available for consumption after processing and excludes producer or plant uses.

Marketable natural gas production was 497 Bcf in August 2002, 1% lower than in August 2001. Year to date production for January through August 2002 is 4,026 Bcf, almost equal to the same period last year.

Note: Production numbers for August unavailable at time of issue.



#### **NATURAL GAS DRILLING**

This chart depicts the number of natural gas well completions in Canada. There is a time-lag between drilling a gas well and starting production, due to the work necessary to connect the new well to the pipeline grid. Drilling is therefore a good indicator of future natural gas supply.

There were 1389 natural gas well completions in October 2002, an increase of 127% compared to October 2001.

