



Canadian Gas  
Potential Committee

## FOR IMMEDIATE RELEASE

### Canadian Gas Potential Committee reports increases in original gas in place and nominal marketable gas

**CALGARY, AB** (May 10, 2006) –The Canadian Gas Potential Committee today released *Natural Gas Potential in Canada – 2005 (CGPC – 2005)*, the Committee's third report on undiscovered natural gas potential in Canada. The four-volume report is the most comprehensive analysis of Canada's conventional and unconventional natural gas resource potential available.

*CGPC – 2005* provides considerably more geological information on unconventional gas resources in Canada and, for the first time, the Committee has provided an estimate of recoverable or marketable natural gas from coal (NGC) or coal bed methane in the western plains. The report estimates the amount of potential gas; where the pools are located; the size of the pools and the number of new pools that can be expected. The report is based primarily on year-end 2002 – 2003 data, which is approximately four years of additional information than was used in the Committee's previous study completed in 2001.

The assessment indicates that the Western Canada Sedimentary Basin will continue to be the main gas supply area in Canada for many years and that any new gas supplies will require high levels of exploration, development and other capital expenditures.

The Committee's estimate of the total original gas in place has increased 60 trillion cubic feet (Tcf) since *CGPC – 2001* to about 652 Tcf from 592 Tcf. Most of this increase is from established plays in the Western Canada Sedimentary Basin. The Committee's nominal marketable gas estimate has increased by six per cent to about 367 Tcf. This is essentially unchanged from the 2001 report.

Frontier basins – primarily offshore Nova Scotia, the Mackenzie Delta and the Mackenzie Corridor – will provide incremental supplies of gas, while remote frontier areas face severe economic and environmental hurdles before production can contribute to Canadian supply. An estimate for total original gas in place from frontier basins is 188 Tcf and for nominal marketable gas is 88 Tcf. The discovered resource has been reported as 63 Tcf original gas, or 33 per cent of the total, with 125 Tcf remaining undiscovered.

Unconventional gas sources will provide important gas supplies in time, and potentially recoverable marketable gas has been established for NGC for the first time in this report.

The Committee's current estimate of NGC original gas in place is 528 Tcf, near the upper end of the range of its previous estimate. The nominal marketable gas estimate for all of the prospective NGC areas reviewed ranges from 11 to 45 Tcf with a most likely reference case of 26 Tcf. No marketable gas estimates are provided for shale gas or gas hydrates. In 2001, the Committee estimated that NGC constituted an *in situ* resource base ranging from approximately 190 to 568 Tcf. None of the in-place resource was estimated to be marketable gas at that time, as there was no commercial production at that time.



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In developing the *CGPC – 2005*, the Committee conducted resource analysis at the exploration play level which consisted of geological assessment, exploration history, peer reviews and geostatistical analysis – using the Truncated Discovery Process Model (TDPM), which is based on two major statistical principles.

Explorers, producers, regulators, forecasting groups and consultants alike will benefit from the report, copies of which are available through the Canadian Centre for Energy web portal ([www.centreforenergy.com](http://www.centreforenergy.com)). Pricing for the report is as follows:

Volume 1: Summary and Conclusions	\$250
Volume 2: Western Canada Sedimentary Basin (includes Volume 1)	\$750
Volume 3: Frontier Basins of Canada (includes Volume 1)	\$750
Volume 4: Unconventional Gas Resources in Canada (includes Volume 1)	\$1,000
Four-volume Set	\$2,000
Four-volume Set plus Linked DVD-ROM	\$4,000
Four-volume Set, Linked DVD-ROM and Data DVD-ROM	\$15,000

The Canadian Gas Potential Committee is a volunteer group comprising industry and government geoscientists whose primary mandate is to prepare and publish in-place estimates of the undiscovered gas potential for all Canadian sedimentary basins on an ongoing basis. The Committee previously published natural gas assessment report in 1997 and 2001. The CGPC is incorporated as a non-profit Society in the Province of Alberta.

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