



Potential Supply of Natural Gas in the United States

***Report of the
Potential Gas Committee
(December 31, 2010)***

**Washington, DC
April 27, 2011**



Potential Gas Committee:

***100 Volunteer Geoscientists &
Petroleum Engineers***

***Biennial Assessment - since 1964 – of
the *Technically Recoverable U. S.
Natural Gas Endowment****

***PGC + EIA Proved Reserves = Potential
Future Supply***

Organization of Potential Gas Studies

Potential Gas Committee

Larry M. Gring
President/General Chairman

Darrell L. Pierce
Chairman, Board of Directors

Develops assessment policy and procedures, directs and manages studies of natural gas resources, recruits personnel and supervises work, prepares reports on natural gas resources.

Potential Gas Agency

Colorado School of Mines
(supported by industry)

Dr. John B. Curtis, Director

Approves criteria and methods, insures maintenance of standards and objectivity, reviews and evaluates reports, publishes final assessments of gas resources.



Potential Gas Agency

Colorado School of Mines

Proved Reserves vs Resources

- Known gas reservoirs
- Existing economic conditions
- Existing operating conditions



- Discovered
- Undiscovered
- Effects of technology
- Effects of economics



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Natural Gas Resource Assessment of the Potential Gas Committee, 2010 (mean values)

Traditional Gas Resources	1,739.2 Tcf
Coalbed Gas Resources	158.6 Tcf
Total U.S. Gas Resources	1,897.8 Tcf
Proved Reserves (EIA)*	272.5 Tcf
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Future Gas Supply	2,170.3 Tcf

* Latest available value (dry gas), year-end 2009

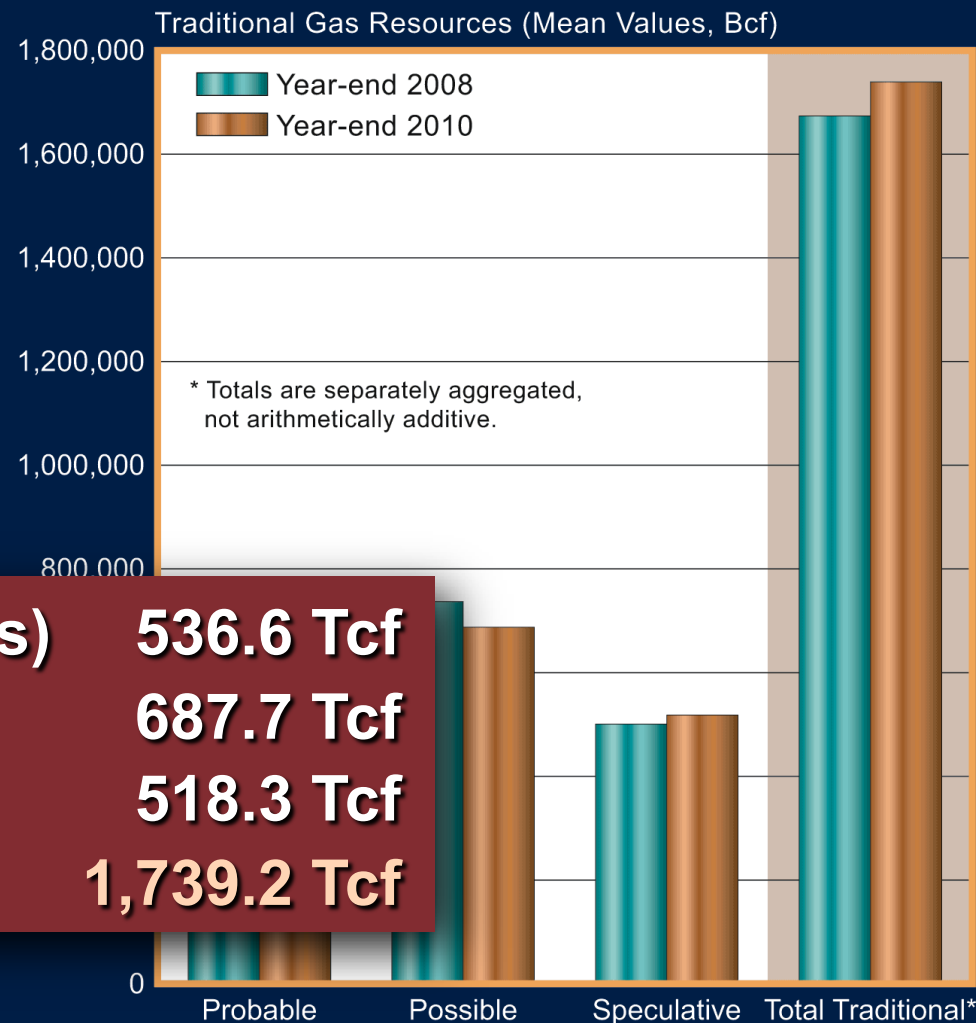


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PGC Resource Assessment 2010

Total Traditional Resources
(mean values) by category

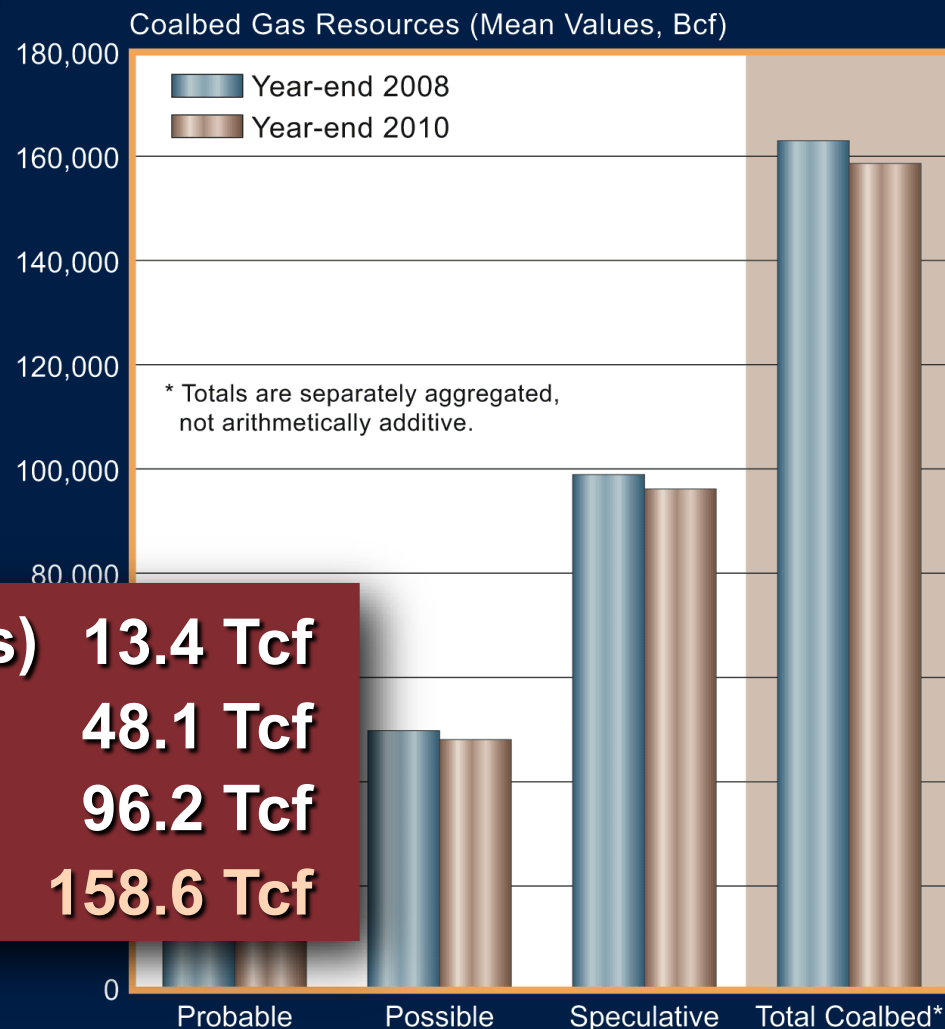


Probable (existing fields)	536.6 Tcf
Possible (new fields)	687.7 Tcf
Speculative (frontiers)	518.3 Tcf
Total	1,739.2 Tcf

Data source: Potential Gas Committee (2011)

PGC Resource Assessment 2010

Total Coalbed Gas Resources
(mean values) by category

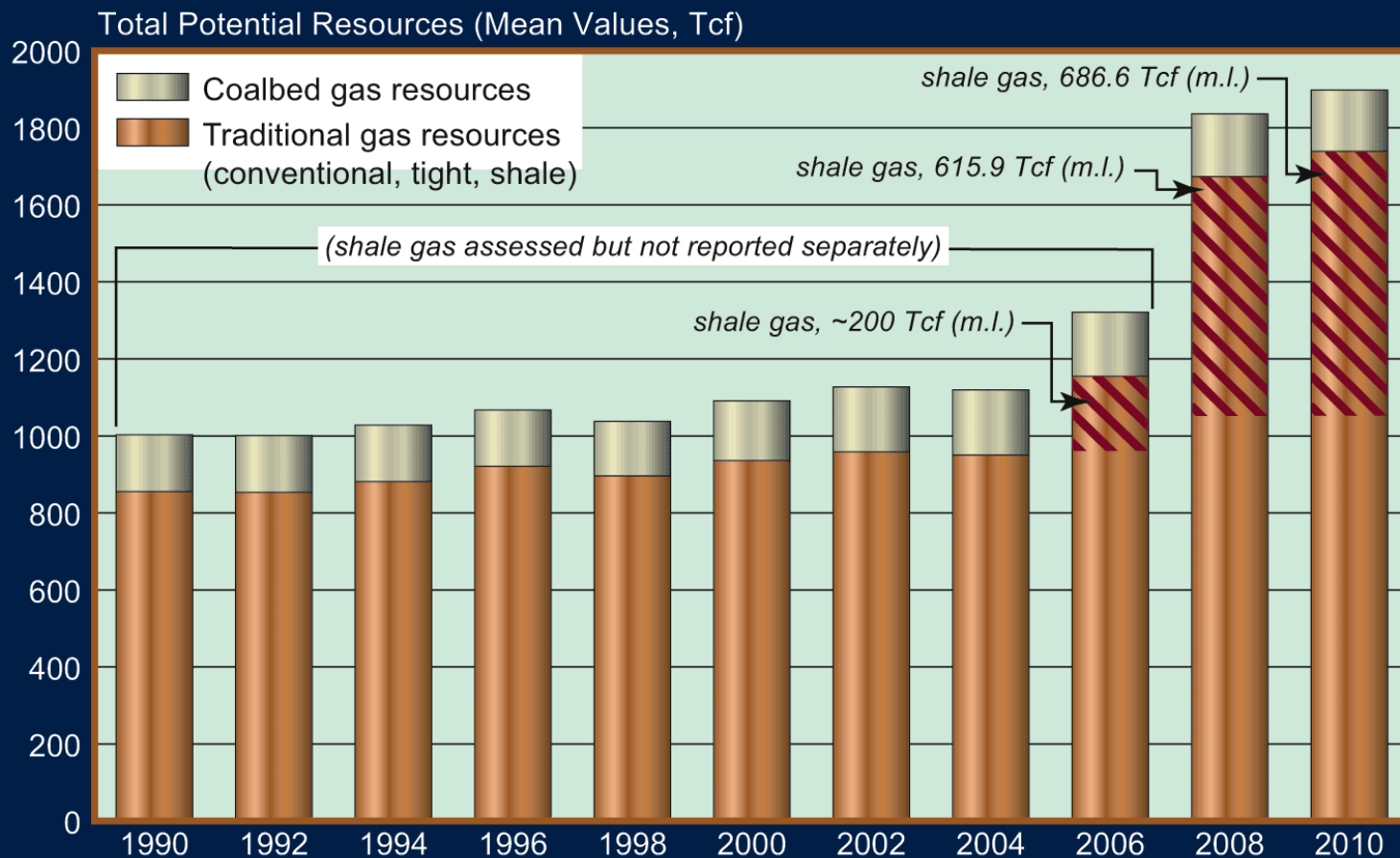


Probable (existing fields)	13.4 Tcf
Possible (new fields)	48.1 Tcf
Speculative (frontier)	96.2 Tcf
Total	158.6 Tcf

Data source: Potential Gas Committee (2011)

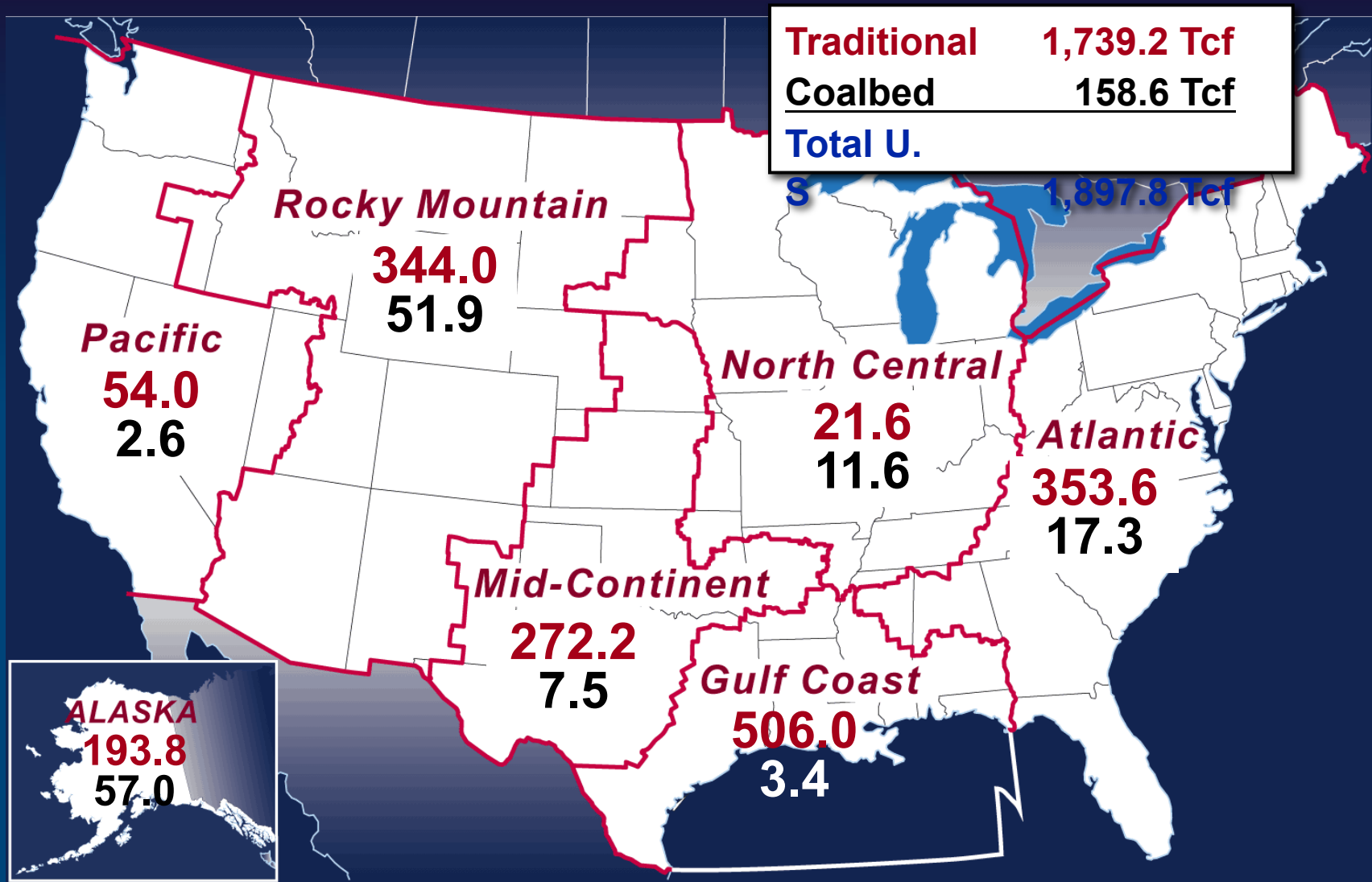
PGC Resource Assessments, 1990-2010

Total Potential Gas Resources (Mean Values)



Data source: Potential Gas Committee (2011)

Regional Resource Assessment



Data source: Potential Gas Committee (2011)

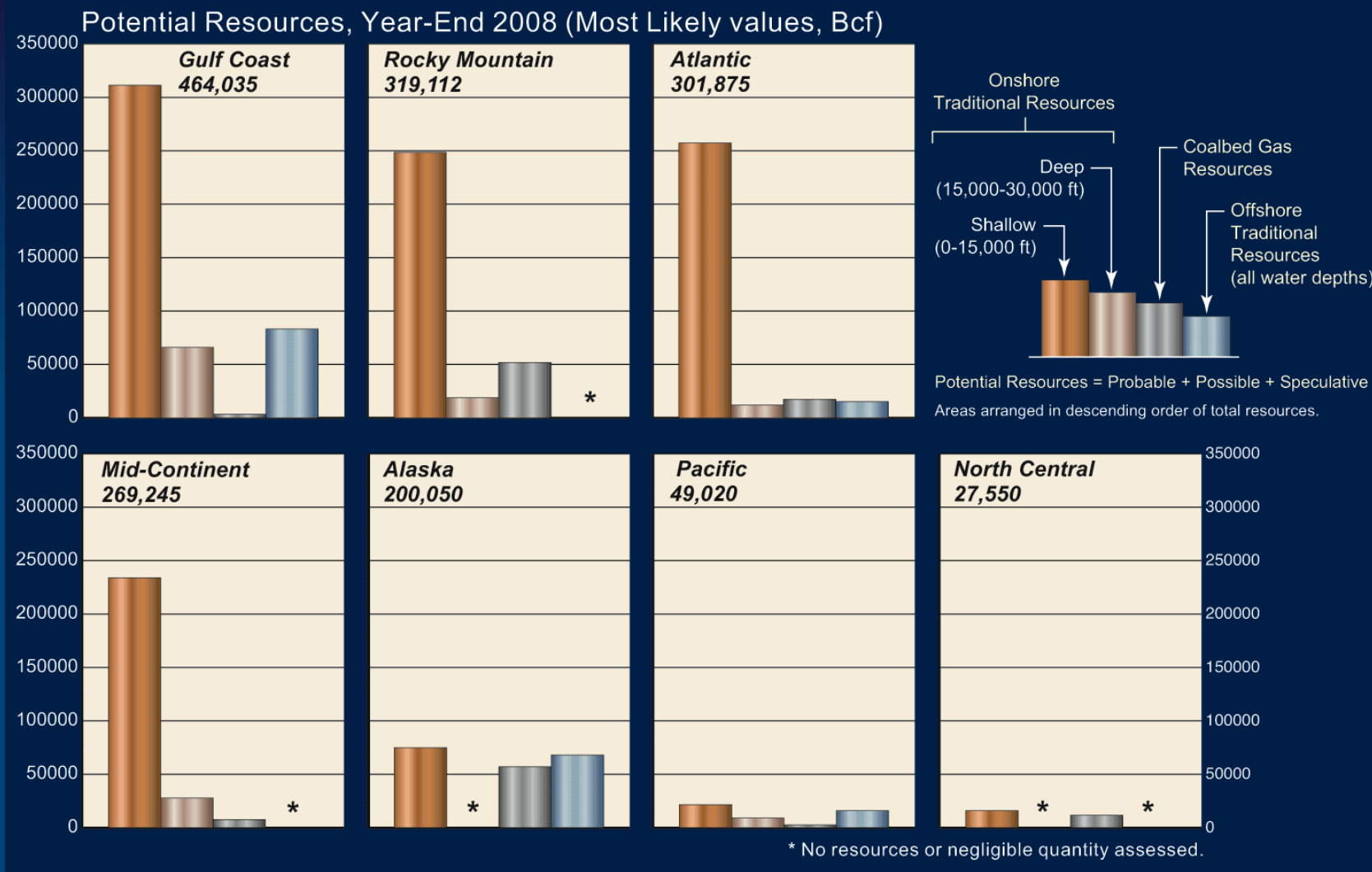
Regional Resource Assessment Summary

PGC Area	Traditional Gas Resources (Mean, Tcf)	Coalbed Gas Resources (M.L., Tcf)	Total Pot. Resources (Tcf, rounded)	Traditional Proportion of Total US
Gulf Coast	506.0	3.4	509.3	29.0%
Atlantic	353.6	17.3	370.9	20.3%
Rocky Mountain	344.0	51.9	395.9	19.7%
Mid-Continent	272.2	7.5	279.8	15.6%
Pacific	54.0	2.6	56.6	3.1%
North Central	21.6	11.6	33.3	1.2%
Total Lower 48*	1,551.2	94.3	1,739.2	
Alaska	193.8	57.0	250.8	11.1%
Total U.S. (means)*	1,739.2	158.6	1,897.8	

Data source: Potential Gas Committee (2011)

* Separately aggregated totals, not arithmetically additive.

Regional Resource Comparison



Data source: Potential Gas Committee (2011)



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