Table 8. U.S. Natural Gas Supply and Demand: Base Case

(Trillion Cubic Feet)

	2003				2004				2005				Year		
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	2003	2004	2005
Supply															
Total Dry Gas Production	**4.78**	**4.75**	**4.78**	**4.76**	**4.76**	**4.66**	*4.70*	*4.73*	*4.78*	*4.79*	*4.78*	**4.80**	*19.07*	*18.84*	*19.15*
Gross Imports	**1.01**	**0.95**	**1.01**	**1.03**	**1.07**	**0.97**	*1.03*	*0.94*	*1.02*	*0.98*	*1.01*	**1.04**	*4.00*	*4.00*	*4.06*
Pipeline	**0.93**	**0.83**	**0.85**	**0.88**	**0.91**	**0.82**	*0.84*	*0.78*	*0.85*	*0.78*	*0.79*	**0.83**	*3.49*	*3.36*	*3.26*
LNG	**0.08**	**0.13**	**0.16**	**0.14**	**0.15**	**0.16**	*0.18*	*0.16*	*0.16*	*0.20*	*0.22*	**0.21**	*0.51*	*0.65*	*0.80*
Gross Exports	**0.17**	**0.16**	**0.16**	**0.21**	**0.20**	**0.16**	*0.16*	*0.18*	*0.18*	*0.17*	*0.17*	**0.20**	*0.69*	*0.70*	*0.72*
Net Imports	**0.84**	**0.80**	**0.85**	**0.82**	**0.86**	**0.81**	*0.87*	*0.76*	*0.84*	*0.81*	*0.84*	**0.85**	*3.30*	*3.30*	*3.34*
Supplemental Gaseous Fuels	**0.02**	**0.01**	**0.02**	**0.02**	**0.02**	**0.01**	*0.01*	*0.02*	*0.02*	*0.02*	*0.02*	**0.02**	*0.06*	*0.06*	*0.07*
Total New Supply	**5.63**	**5.57**	**5.65**	**5.59**	**5.64**	**5.48**	*5.58*	*5.50*	*5.64*	*5.62*	*5.64*	**5.66**	*22.44*	*22.20*	*22.56*
Working Gas in Storage															
Opening	**2.38**	**0.73**	**1.77**	**2.84**	**2.56**	**1.06**	*2.02*	*3.08*	*2.65*	*1.26*	*2.11*	**3.07**	*2.38*	*2.56*	*2.65*
Closing	**0.73**	**1.77**	**2.84**	**2.56**	**1.06**	**2.02**	*3.08*	*2.65*	*1.26*	*2.11*	*3.07*	**2.60**	*2.56*	*2.65*	*2.60*
Net Withdrawals	**1.65**	**-1.04**	**-1.07**	**0.28**	**1.51**	**-0.96**	*-1.06*	*0.43*	*1.39*	*-0.85*	*-0.96*	**0.47**	*-0.19*	*-0.09*	*0.06*
Total Supply	**7.28**	**4.53**	**4.57**	**5.87**	**7.14**	**4.52**	*4.52*	*5.93*	*7.03*	*4.76*	*4.68*	**6.14**	*22.25*	*22.11*	*22.61*
Balancing Item [a]	**0.06**	**0.02**	**-0.01**	**-0.36**	**0.06**	**0.18**	*0.00*	*-0.34*	*0.18*	*0.07*	*0.01*	**-0.36**	*-0.29*	*-0.10*	*-0.10*
Total Primary Supply	**7.33**	**4.54**	**4.56**	**5.51**	**7.20**	**4.69**	*4.53*	*5.59*	*7.21*	*4.84*	*4.69*	**5.77**	*21.95*	*22.01*	*22.51*
Demand															
Residential	**2.51**	**0.82**	**0.37**	**1.39**	**2.42**	**0.74**	*0.37*	*1.40*	*2.41*	*0.81*	*0.37*	**1.45**	*5.10*	*4.94*	*5.03*
Commercial	**1.37**	**0.57**	**0.39**	**0.82**	**1.30**	**0.54**	*0.37*	*0.84*	*1.32*	*0.59*	*0.40*	**0.88**	*3.14*	*3.06*	*3.19*
Industrial	**2.19**	**1.90**	**1.97**	**2.09**	**2.22**	**1.96**	*1.96*	*2.06*	*2.19*	*1.99*	*2.01*	**2.14**	*8.15*	*8.20*	*8.33*
Lease and Plant Fuel	**0.28**	**0.28**	**0.28**	**0.28**	**0.28**	**0.27**	*0.28*	*0.28*	*0.28*	*0.28*	*0.28*	**0.28**	*1.12*	*1.11*	*1.12*
Other Industrial	**1.91**	**1.62**	**1.69**	**1.81**	**1.94**	**1.69**	*1.68*	*1.79*	*1.91*	*1.72*	*1.73*	**1.86**	*7.03*	*7.09*	*7.22*
CHP [b]	**0.30**	**0.26**	**0.29**	**0.29**	**0.27**	**0.29**	*0.29*	*0.27*	*0.29*	*0.33*	*0.31*	**0.27**	*1.14*	*1.12*	*1.20*
Non-CHP	**1.62**	**1.35**	**1.41**	**1.52**	**1.66**	**1.39**	*1.39*	*1.52*	*1.62*	*1.39*	*1.42*	**1.59**	*5.89*	*5.96*	*6.02*
Transportation [c]	**0.21**	**0.13**	**0.13**	**0.16**	**0.21**	**0.14**	*0.13*	*0.16*	*0.22*	*0.14*	*0.13*	**0.16**	*0.64*	*0.64*	*0.65*
Electric Power [d]	**1.05**	**1.13**	**1.70**	**1.06**	**1.05**	**1.31**	*1.69*	*1.12*	*1.09*	*1.31*	*1.78*	**1.13**	*4.93*	*5.17*	*5.31*
Total Demand	**7.33**	**4.54**	**4.56**	**5.51**	**7.20**	**4.69**	*4.53*	*5.59*	*7.21*	*4.84*	*4.69*	**5.77**	*21.95*	*22.01*	*22.51*

[a]The balancing item represents the difference between the sum of the components of natural gas supply and the sum of components of natural gas demand.
[b]Natural gas used for electricity generation and production of useful thermal output by combined heat and power (CHP) plants at industrial facilities. Includes a small amount of natural gas consumption at electricity-only plants in the industrial sector.
[c]Pipeline fuel use plus natural gas used as vehicle fuel.
[d]Natural gas used for electricity generation and (a limited amount of) useful thermal output by electric utilities and independent power producers.
LNG = Liquefied natural gas
Notes: Minor discrepancies with other EIA published historical data are due to rounding. Historical data are printed in bold; estimates and forecasts are in italics. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.
Sources: Historical data: EIA: latest data available from EIA databases supporting the following reports: *Natural Gas Monthly*, DOE/EIA-0130; *Electric Power Monthly*, DOE/EIA-0226. Projections: EIA, Short-Term Integrated Forecasting System database, and Office of Oil and Gas, Reserves and Production Division.