

Analysis of Strategies for Reducing Multiple Emissions from Electric Power plants with Advanced Technology Scenarios

Table 5. Natural Gas Market Projections in the Reference and Advanced Technology Cases, 2010 and 2020

Projections	1999	Reference		Advanced Technology	
		Without Emissions Limits	With Emissions Limits	Without Emissions Limits	With Emissions Limits
2010					
Average Wellhead Price (1999 Dollars per Thousand Cubic Feet)	2.08	2.82	3.41	2.39	2.95
Delivered Price to Electricity Generators (1999 Dollars per Thousand Cubic Feet)	2.62	3.30	4.18	2.87	3.70
Effective Delivered Price to Electricity Generators ^a (1999 Dollars per Thousand Cubic Feet)	2.62	3.30	5.55	2.87	4.71
Consumption by Electricity Generators, Excluding Cogenerators (Trillion Cubic Feet)	3.8	6.8	9.7	5.9	8.8
Total Consumption (Trillion Cubic Feet)	21.8	28.2	31.1	27.0	29.9
Domestic Production (Trillion Cubic Feet)	18.7	23.4	24.6	22.4	24.9
2020					
Average Wellhead Price (1999 Dollars per Thousand Cubic Feet)	2.08	3.10	3.72	2.20	2.60
Delivered Price to Electricity Generators (1999 Dollars per Thousand Cubic Feet)	2.62	3.68	4.52	2.75	3.44
Effective Delivered Price to Electricity Generators ^a (1999 Dollars per Thousand Cubic Feet)	2.62	3.68	6.31	2.75	4.29
Consumption by Electricity Generators, Excluding Cogenerators (Trillion Cubic Feet)	3.8	11.2	13.9	9.1	11.9
Total Consumption (Trillion Cubic Feet)	21.8	35.0	38.4	32.4	35.6
Domestic Production (Trillion Cubic Feet)	18.7	29.3	30.7	27.3	30.1

^aEffective delivered price reflects the cost impact of CO₂ emission allowances in cases that include a CO₂ limit.

Source: National Energy Modeling System, runs SCENABS.D080301A, SCENAEM.D081601A, SCENBBS.D080301A, and SCENBEM.D081701A.

