

Summary Impacts of Selected Provisions of the Conference Energy Bill

Impact of Increased R&D Funded by Royalty Payments on Natural Gas and Oil Supply Using Office of Fossil Energy Assumptions Regarding the Impact of Increased Federal R&D Spending

	2002	2010			2015			2025		
		AEO 2004	CEB	FE/ CEB	AEO 2004	CEB	FE/ CEB	AEO 2004	CEB	FE/ CEB
Lower 48 Average Wellhead Gas Price (2002 dollars per thousand cubic feet)	2.95	3.40	3.41	3.32	4.19	4.10	3.90	4.40	4.40	4.35
Natural Gas Production (trillion cubic feet)										
Lower 48 Production	18.62	19.90	20.25	20.42	20.98	21.01	22.00	21.29	21.54	22.20
Onshore Conventional	7.83	7.20	7.16	7.17	7.44	7.37	7.26	7.09	7.13	6.98
Onshore Unconventional	5.93	7.28	7.51	7.75	8.67	8.74	9.66	9.16	9.46	10.06
Offshore	4.86	5.41	5.57	5.50	4.87	4.91	5.09	5.03	4.96	5.16
Alaska Production	0.43	0.60	0.60	0.60	0.64	0.64	0.64	2.71	2.71	2.71
Natural Gas Consumption	22.78	26.15	25.94	26.04	28.03	27.92	28.30	31.41	31.54	32.09
Lower 48 Dry Gas Reserve Additions	24.0	21.2	21.0	22.8	20.8	20.6	23.1	19.2	19.9	20.0
Onshore Conventional	6.9	7.0	7.0	6.9	7.5	7.4	7.2	6.6	6.7	6.6
Onshore Unconventional	11.5	9.0	8.7	10.2	8.9	8.9	11.2	7.8	8.1	8.2
Offshore	5.6	5.3	5.4	5.7	4.3	4.3	4.6	4.8	5.1	5.1
Lower 48 Offshore Crude Oil Production (million barrels per day)	1.53	2.40	2.42	2.42	2.21	2.20	2.31	2.06	2.09	2.10

Sources: National Energy Modeling System date codes aeo2004.d101703e, nrgbill00.d011304d, and nrgbill50.d010904a.