

T-11. Research and Development Expenditures

(Million 2009 Dollars)

	2003	2004	2005	2006	2007	2008	2009
Sources of R&D Funds							
Federal Government	W	13.6	W	W	W	W	W
Internal Company	1774.1	1707.7	1884.3	2183.6	2625.5	2833.7	2671
Other Sources	W	28.3	W	W	W	W	W
Total Sources	1786.9	1749.6	1911.7	2295.1	2707	2922.5	2768
Breakdown of R&D Expenditures							
Oil & Natural Gas Recovery	431	574.3	676.3	842.9	942.2	1293.7	1155
Gas to Liquids	60.6	43	93.2	W	74.3	95.9	72
Other Petroleum	415.9	302.4	348.6	412.9	538.7	452.1	446
Coal Gasification/Liquefaction	W	W	W	W	W	37.3	45
Other Coal	0	0	0	0	0	0	0
Downstream Natural Gas	8.2	0	0	W	0	W	W
Wind Generation	0	0	0	0	W	0	0
Solar Generation	4.7	W	W	W	W	W	W
Distributed Generation	0	0	0	0	0	0	0
Fuel Cells	8.2	11.3	W	W	W	W	W
Other Nonconventional Energy	62.9	128	218.1	420.4	423.1	355.2	406
Nonenergy	787.5	686	552.5	528.7	648.1	581.3	543
Unassigned	W	0	W	W	W	W	80
Total Expenditures	1786.9	1749.6	1911.7	2295.1	2707	2922.5	2768

W = Data withheld to avoid disclosure.

[Source: Energy Information Administration, Form EIA-28 \(Financial Reporting System\).](#)