

Office of Industrial Technologies (OIT)

GPRA2003 Sector Summary

OIT GPRA Metric Data

Metric	2003	2004	2005	2006	2007	2010	2015	2020	2025	2030
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Energy Metrics

Total Primary Energy Displaced (Trillion Btu)	14.720	80.440	507.710	689.830	872.170	1,416.700	2,694.690	4,340.550	6,385.460	8,546.390
Direct Electricity Displaced (Billion Kilowatthours)	0.750	3.380	14.084	21.824	29.484	53.563	115.132	214.251	343.212	473.020
Direct Natural Gas Displaced (Billion Cubic Feet)	3.140	30.990	185.290	242.440	299.680	470.760	871.950	1,344.260	1,830.300	2,296.520
Direct Petroleum Displaced (Million Barrels)	0.076	0.152	10.988	14.522	18.087	28.861	53.565	90.546	144.230	221.301
Direct Coal Displaced (Million Short Tons)	0.031	0.202	0.709	1.066	1.403	2.484	4.556	6.607	8.743	11.042
Direct Biomass Displaced (Trillion Btu)	0	0	0	(0.438)	(0.876)	(2.191)	(4.982)	(10.700)	(20.720)	(34.570)
Direct Energy Displaced From Feedstocks (Trillion Btu)	0	0	69.426	90.110	110.820	172.970	305.140	430.960	548.940	670.700
Direct Energy Displaced From Wastes (Trillion Btu)	2.300	4.600	7.460	13.290	19.130	36.640	66.010	96.090	127.420	160.460
Other Direct Energy Displaced (Trillion Btu)	0	0	6.434	8.348	10.281	16.090	28.650	42.230	53.810	61.960

Financial Metrics

Energy Costs or Savings (Millions of 1999 \$'s)	49.800	255.950	1,843.340	2,550.690	3,249.040	5,390.080	10,558.230	17,956.870	27,190.910	37,319.900
Non-Energy Savings or Costs (Millions of 1999 \$'s)	134.000	274.000	603.390	838.250	1,079.180	1,695.740	2,218.610	2,528.500	2,761.080	2,957.580
EERE Expenditures (Millions of 1999 \$'s)	127.721	127.721	127.721	127.721	127.721	127.721	127.721	127.721	127.721	127.721
Other Government Expenditures (Millions of 1999 \$'s)	0	0	0	0	0	0	0	0	0	0
Consumer Investment (Millions of 1999 \$'s)	0	0	0	0	0	0	0	0	0	0
Private Sector Expenditures (Millions of 1999 \$'s)	79.000	158.000	254.000	429.000	590.000	1,155.000	2,089.000	3,147.000	4,112.000	5,117.000

OIT GPRA Metric Data

Metric

2003

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2005

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Environmental Metrics

CO Displaced (MMTons)	0	0.002	0	0.001	0.002	0.006	0.018	0.039	0.056	0.048
Carbon Equivalent Emissions Displaced (MMTCe)	0.218	1.251	7.889	11.206	14.544	24.473	48.452	82.674	125.234	170.512
Other Greenhouse Emissions Displaced (MMTCe)	0	0	0.045	0.078	0.101	0.187	0.444	0.560	0.614	0.659
SO2 Displaced (MMTons)	0.002	0.009	0.075	0.108	0.142	0.250	0.478	0.827	1.277	1.812
NOX Displaced (MMTons)	0.002	0.009	0.058	0.080	0.102	0.174	0.353	0.594	0.904	1.206
Particulates Displaced (MMTons)	0	0	0.125	0.151	0.178	0.257	0.465	0.720	0.960	1.140
VOCs Displaced (MMTons)	0	0	0.010	0.016	0.022	0.040	0.074	0.093	0.112	0.135
HCs Displaced (MMTons)	0	0	0.003	0.004	0.005	0.008	0.013	0.015	0.017	0.019
Other Environmental Benefits (MMTons)	0	0	33.914	45.064	56.225	89.676	137.425	165.540	187.047	207.830
PM10 Displaced (MMTons)	0	0	0	0	0	0	0	0	0	0

Energy-Cumulative Metrics

Total Primary Energy Displaced (Trillion Btu)	0	0	0	0	0	0	0	0	0	0
Direct Electricity Displaced (Billion Kilowatthours)	0	0	0	0	0	0	0	0	0	0
Direct Natural Gas Displaced (Billion Cubic Feet)	0	0	0	0	0	0	0	0	0	0
Direct Petroleum Displaced (Million Barrels)	0	0	0	0	0	0	0	0	0	0
Direct Coal Displaced (Million Short Tons)	0	0	0	0	0	0	0	0	0	0
Direct Biomass Displaced (Trillion Btu)	0	0	0	0	0	0	0	0	0	0
Direct Energy Displaced From Feedstocks (Trillion Btu)	0	0	0	0	0	0	0	0	0	0
Direct Energy Displaced From Wastes (Trillion Btu)	0	0	0	0	0	0	0	0	0	0
Other Direct Energy Displaced (Trillion Btu)	0	0	0	0	0	0	0	0	0	0

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Financial-Cumulative Metrics

Energy Costs or Savings (Millions of 1999 \$'s)	0	0	0	0	0	0	0	0	0	0
Non-Energy Savings or Costs (Millions of 1999 \$'s)	0	0	0	0	0	0	0	0	0	0
EERE Expenditures (Millions of 1999 \$'s)	0	0	0	0	0	0	0	0	0	0
Other Government Expenditures (Millions of 1999 \$'s)	0	0	0	0	0	0	0	0	0	0
Consumer Investment (Millions of 1999 \$'s)	0	0	0	0	0	0	0	0	0	0
Private Sector Expenditures (Millions of 1999 \$'s)	0	0	0	0	0	0	0	0	0	0

Environmental-Cumulative Metrics

CO Displaced (MMTons)	0	0	0	0	0	0	0	0	0	0
Carbon Equivalent Emissions Displaced (MMTce)	0	0	0	0	0	0	0	0	0	0
Other Greenhouse Emissions Displaced (MMTce)	0	0	0	0	0	0	0	0	0	0
SO2 Displaced (MMTons)	0	0	0	0	0	0	0	0	0	0
NOX Displaced (MMTons)	0	0	0	0	0	0	0	0	0	0
Particulates Displaced (MMTons)	0	0	0	0	0	0	0	0	0	0
VOCs Displaced (MMTons)	0	0	0	0	0	0	0	0	0	0
HCs Displaced (MMTons)	0	0	0	0	0	0	0	0	0	0
Other Environmental Benefits (MMTons)	0	0	0	0	0	0	0	0	0	0
PM10 Displaced (MMTons)	0	0	0	0	0	0	0	0	0	0

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2003

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Energy-Lifecycle Metrics

Total Primary Energy Displaced (Trillion Btu)	0	0	0	0	0	0	0	0	0	0
Direct Electricity Displaced (Billion Kilowatthours)	0	0	0	0	0	0	0	0	0	0
Direct Natural Gas Displaced (Billion Cubic Feet)	0	0	0	0	0	0	0	0	0	0
Direct Petroleum Displaced (Million Barrels)	0	0	0	0	0	0	0	0	0	0
Direct Coal Displaced (Million Short Tons)	0	0	0	0	0	0	0	0	0	0
Direct Biomass Displaced (Trillion Btu)	0	0	0	0	0	0	0	0	0	0
Direct Energy Displaced From Feedstocks (Trillion Btu)	0	0	0	0	0	0	0	0	0	0
Direct Energy Displaced From Wastes (Trillion Btu)	0	0	0	0	0	0	0	0	0	0
Other Direct Energy Displaced (Trillion Btu)	0	0	0	0	0	0	0	0	0	0

Financial-Lifecycle Metrics

Energy Costs or Savings (Millions of 1999 \$'s)	0	0	0	0	0	0	0	0	0	0
Non-Energy Savings or Costs (Millions of 1999 \$'s)	0	0	0	0	0	0	0	0	0	0
EERE Expenditures (Millions of 1999 \$'s)	0	0	0	0	0	0	0	0	0	0
Other Government Expenditures (Millions of 1999 \$'s)	0	0	0	0	0	0	0	0	0	0
Consumer Investment (Millions of 1999 \$'s)	0	0	0	0	0	0	0	0	0	0
Private Sector Expenditures (Millions of 1999 \$'s)	0	0	0	0	0	0	0	0	0	0

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2003

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Environmental-Lifecycle Metrics

CO Displaced (MMTons)	0	0	0	0	0	0	0	0	0	0
Carbon Equivalent Emissions Displaced (MMTCe)	0	0	0	0	0	0	0	0	0	0
Other Greenhouse Emissions Displaced (MMTCe)	0	0	0	0	0	0	0	0	0	0
SO2 Displaced (MMTons)	0	0	0	0	0	0	0	0	0	0
NOX Displaced (MMTons)	0	0	0	0	0	0	0	0	0	0
Particulates Displaced (MMTons)	0	0	0	0	0	0	0	0	0	0
VOCs Displaced (MMTons)	0	0	0	0	0	0	0	0	0	0
HCs Displaced (MMTons)	0	0	0	0	0	0	0	0	0	0
Other Environmental Benefits (MMTons)	0	0	0	0	0	0	0	0	0	0
PM10 Displaced (MMTons)	0	0	0	0	0	0	0	0	0	0