

AMERICAN CHEMISTRY COUNCIL
2002 ENERGY EFFICIENCY AWARDS PROGRAM
TABULATION OF ENERGY SAVINGS AND CO2 EMISSION REDUCTIONS

			ANNUALIZED	ANNUALIZED
			ENERGY SAVINGS,	CO2 EMISSION
NUMBER	COMPANY	TITLE	BTU x 10⁶	REDUCTION, TONS
1	Texas Petrochemicals LP	Advanced Controls - Phase I	668,817	23,904
2	Vulcan Chemicals	Boiler Energy Use and Chemical Cost Reduction	18,000	1,044
3	Arch Chemicals, Inc.	Reduction in Unit Steam Production	170,589	9,612
4	Celanese	Reaction and Purification Six Sigma Study	86,000	4,988
5	Celanese	Incinerators Optimization Six Sigma Study	91,000	5,278
6	Sasol North America, Inc.	Energy Efficiency Performance Improvement - Cold Side and Hot Side	271,000	17,300
8	Sasol North America, Inc.	Compressor Horsepower Reduction Project	92,000	5,900
9	Merck & Co., Inc.	Fuel Cell Installation Project	7,730	450
10	Merck & Co., Inc.	Building Efficiency Improvements	46,519	2,752
15	BASF Corporation	Site Energy Team	140,000	8,750
17	ATOFINA Chemicals, Inc.	Improving Yield and Reducing Energy	236,400	14,100
18	ATOFINA Petrochemicals Inc.	ATIFINA Bayport's HDPE Extrusion Upgrade	212,200	13,973
20	ExxonMobil Chemical Company	Water Still Optimization	143,500	8,323
21	ExxonMobil Chemical Company	Oxo Steam Recovery Project	140,000	8,120
23	ExxonMobil Chemical Company	Extraction Steam Controls at EPLA-W	150,000	8,700
24	ExxonMobil Chemical Company	Ethane Cracking Modernization - ECLA-W "C" Furnace	122,000	7,076
25	ExxonMobil Chemical Company	Distillation Tower Specification Changes	340,000	19,720
26	Lyondell Chemical Company	Reduced Nitrogen and Natural Gas Consumption at Deepwell Flare	167,000	9,976
27	Lyondell Chemical Company	Lake Charles Energy Reduction Team	186,000	10,000
28	Equistar Chemicals, LP	Morris Plant Energy Efficiency Program	460,000	17,300
29	Equistar Chemicals, LP	Clinton Plant Energy Efficiency Program	210,000	12,500
30	DuPont	DTT Energy Reduction Project	1,051,080	86,189
31	Eastman Chemical Company	Energy Minimization of a Dimethyl Terephthalate Refining Facility	43,700	4,600
32	Eastman Chemical Company	Balancing 100-PSI Steam Systems Using Feedwater Heaters	87,600	5,874
33	Eastman Chemical Company	Savings from Ammonium Nitrate Addition to Wastewater Treatment	5,194	348
34	Eastman Chemical Company	Energy & Environmental Benefits from Steam & Electricity Cogeneration	3,500,000	473,000
35	Monsanto Company	A-Unit Area Energy Efficiency Improvement Program	28,580	2,325
		TOTALS	8,674,909	782,102