

INTRODUCTION	xviii
STUDY GOALS AND OBJECTIVES.....	xviii
REASONS FOR DOING THE STUDY	xviii
INTENDED AUDIENCE.....	xviii
SCOPE OF REPORT	xix
INFORMATION SOURCES.....	xix
ABOUT THE AUTHORS.....	xx
BCC ONLINE SERVICES.....	xx
DISCLAIMER	xx
SUMMARY.....	xxi
<i>SUMMARY TABLE U.S. ALTERNATIVE TRANSPORTATION FUEL</i> <i>(ATF) SUPPLY/FUEL SAVINGS, THROUGH 2011 (MILLIONS OF</i> <i>GASOLINE GALLON EQUIVALENTS)</i>	<i>XXII</i>
<i>SUMMARY FIGURE U.S. ALTERNATIVE TRANSPORTATION FUEL</i> <i>(ATF) SUPPLY/FUEL SAVINGS, 2006 (%)</i>	<i>XXII</i>
<i>SUMMARY FIGURE (CONTINUED).....</i>	<i>XXIII</i>
ETHANOL.....	xxiii
BIODIESEL.....	xxiii
PROPANE AND NATURAL GAS	xxiii
ELECTRIC-POWERED VEHICLES	xxiv
HYDROGEN.....	xxiv
OVERVIEW	1
OVERVIEW.....	1
OVERVIEW (CONTINUED)	2
ETHANOL.....	3
ETHANOL.....	3
<i>TABLE 1 MAJOR WORLD ETHANOL PRODUCERS, THROUGH 2011</i> <i>(MILLIONS OF GALLONS ALL GRADES).....</i>	<i>3</i>
<i>TABLE 2 U.S. MARKET FORECAST FOR ETHANOL, THROUGH 2011</i> <i>(\$ MILLIONS).....</i>	<i>4</i>
<i>FIGURE 1 U.S. MARKET FORECAST FOR ETHANOL, THROUGH</i> <i>2011 (\$ MILLIONS).....</i>	<i>5</i>
<i>TABLE 3 FACTORS DRIVING ETHANOL DEMAND IN THE U.S.</i>	<i>6</i>
<i>TABLE 4 ETHANOL (E-85) TAILPIPE EMISSIONS VS. GASOLINE.....</i> PRODUCTION Costs	<i>7</i>
<i>TABLE 5 MAJOR EXPORTERS OF CORN (MAIZE), 2005-2012</i> <i>(MILLIONS OF METRIC TONS).....</i>	<i>8</i>
<i>TABLE 6 QUANTITY OF U.S. CORN CROP DEVOTED TO ETHANOL</i> <i>PRODUCTION (BILLIONS OF BUSHELS).....</i>	<i>8</i>
<i>TABLE 7 CORN'S POTENTIAL FOR POWERING U.S. VEHICLE</i> <i>FLEETS (%)</i>	<i>9</i>

TABLE 8 ANNUAL U.S. ETHANOL IMPORTS, 2004 (MILLIONS OF GALLONS).....	10
TABLE 9 FACTORS LEADING TO SUPPORT FOR ETHANOL IN BRAZIL INCLUDING THE USE OF FLEX-FUEL VEHICLES, 2003-2010 (FFVS)	11
TABLE 10 NUMBER OF U.S. SERVICE STATIONS DISPENSING E-85, AS OF MAY, 2006.....	12
TABLE 11 U.S. VEHICLES CAPABLE OF USING E-85, MADE AVAILABLE BY YEAR, THROUGH 2005	12
Production Costs (Continued)	13
TABLE 12 INDUSTRY STRUCTURE AND COMPETITIVE ANALYSIS FOR U.S. ETHANOL PRODUCERS, AS OF APRIL 2006 (MILLIONS OF GALLONS/ANNUAL CAPACITY).....	14
Production Costs (Continued)	15
TABLE 13 RESULTS OF STUDIES INTO ETHANOL'S NET ENERGY VALUES (NEVS)	16
ENVIRONMENTAL AND ETHICAL CONSIDERATIONS	17
PATENT ANALYSIS	18
TABLE 14 PROFILE OF PATENT ASSIGNEES (%).....	18
TABLE 15 RECENT PATENTS FILED	19
PROJECTIONS.....	19
PROJECTIONS (CONTINUED)	20
BIODIESEL	21
DEFINITIONS	21
TABLE 16 HOW BIODIESEL (B100) DIFFERS FROM PETRODIESEL.....	22
TABLE 17 EMISSIONS PROFILE OF PURE BIODIESEL VS. PETRODIESEL (%).....	23
DEFINITIONS (CONTINUED).....	24
TABLE 18 MARKET FORECAST OF BIODIESEL PRODUCTION IN SELECTED COUNTRIES, THROUGH 2011 (MILLIONS OF GALLONS PER YEAR)	25
TABLE 19 U.S. BIODIESEL AND DIESEL MARKET SIZE FOR TRANSPORTATION USE ONLY (\$ MILLIONS)	25
TABLE 20 U.S. BIODIESEL MARKET SEGMENTS	26
DEFINITIONS (CONTINUED).....	27
TABLE 21 FACTORS DRIVING BIODIESEL DEMAND IN THE U.S.....	28
TABLE 22 FACTORS LIMITING U.S. BIODIESEL DEMAND	29
TABLE 23 U.S. BIODIESEL (B20) PRICES VS. PETRODIESEL BY REGION, FEBRUARY 2006 (\$ PER GALLON).....	30
TABLE 24 U.S. BIODIESEL MARKET SIZE, 2004-2011 (\$ MILLIONS).....	31
FIGURE 2 U.S. BIODIESEL MARKET SIZE, 2004-2011 (\$ MILLIONS)	32
TABLE 25 INDUSTRY STRUCTURE AND COMPETITIVE ANALYSIS OF U.S. BIODIESEL PRODUCERS, AS OF APRIL 2006 (ANNUAL CAPACITY IN MILLIONS OF GALLONS).....	32

DEFINITIONS (CONTINUED).....	33
<i>TABLE 26 COMPARISON OF DIFFERENT BIODIESEL FEEDSTOCK YIELDS (GALLONS PER ACRE PER YEAR)</i>	<i>34</i>
DEFINITIONS (CONTINUED).....	35
<i>TABLE 27 VARIOUS FINDINGS RELATING TO THE NET ENERGY VALUE (NEV) OF BIODIESEL PRODUCTION</i>	<i>36</i>
ENVIRONMENTAL AND ETHICAL CONSIDERATIONS	37
BIODIESEL PATENT ANALYSIS	37
<i>TABLE 28 SOYBEAN CULTIVAR PATENTS RELATED TO BIODIESEL, 2006.....</i>	<i>38</i>
FUTURE OF BIODIESEL.....	38
LIQUEFIED PETROLEUM GAS (LPG)	39
LPG DEFINITIONS	39
<i>TABLE 29 LIQUEFIED PETROLEUM GAS (LPG): TOTAL U.S. DEMAND, DOMESTIC PRODUCTION AND IMPORTS, THROUGH 2011 (THOUSANDS OF BARRELS PER DAY).....</i>	<i>39</i>
U.S. PROPANE CONSUMPTION	40
<i>TABLE 30 U.S. LIQUEFIED PETROLEUM GAS (LPG) DEMAND AS A TRANSPORTATION FUEL, THROUGH 2011 (BARRELS PER DAY).....</i>	<i>40</i>
<i>TABLE 31 LIQUEFIED PETROLEUM GAS (LPG) EMISSIONS VS. GASOLINE EMISSIONS (%).....</i>	<i>41</i>
PRICING: PROPANE VS. GASOLINE.....	42
<i>TABLE 32 U.S. NATIONAL AVERAGE RETAIL PRICES FOR GASOLINE AND LIQUID PETROLEUM GAS, THROUGH 2006 (PER GASOLINE GALLON EQUIVALENT - GGE)</i>	<i>42</i>
<i>TABLE 33 REGIONAL LIQUID PETROLEUM GAS (LPG) AND GASOLINE PRICES AND PUMP PRICES, INCLUDING TAXES, AS OF JUNE 2006 (EXPRESSED PER GALLON AND PER GASOLINE GALLON EQUIVALENT)</i>	<i>43</i>
PROPANE SUPPLY AS A TRANSPORTATION FUEL.....	44
MARKET SEGMENTS	44
LPG-POWERED VEHICLES	45
<i>TABLE 34 U.S. LIQUEFIED PETROLEUM GAS (LPG) LIGHT DUTY (LDV), MEDIUM DUTY (MDV) AND HEAVY DUTY (HDV) VEHICLES, THROUGH 2004.....</i>	<i>46</i>
<i>TABLE 35 AVAILABLE LIQUEFIED PETROLEUM GAS VEHICLES (LPGVS), 2005.....</i>	<i>47</i>
<i>TABLE 36 PROPANE-POWERED VEHICLES USED INTERNATIONALLY.....</i>	<i>47</i>
LPG CONVERSIONS	48
LPG Conversions (Continued).....	49
INCENTIVES for PROMOTing LPG	50
<i>TABLE 37 U.S. LIQUEFIED PETROLEUM GAS (LPG) FILLING STATIONS AS OF AUGUST 2006</i>	<i>51</i>

<i>TABLE 37 (CONTINUED)</i>	52
LPG FUELING STATION COSTS.....	53
PROPANE PRODUCERS AND DISTRIBUTORS	53
INDUSTRY PROFILE AND COMPETITIVE ANALYSIS	53
PATENT ANALYSIS	54
<i>TABLE 38 SELECTION OF LPG PATENT ASSIGNEES BY NAME AND COUNTRY OF ORIGIN</i>	54
PATENT ANALYSIS (CONTINUED).....	55
LIQUEFIED AND COMPRESSED NATURAL GAS	56
DEFINITIONS	56
COMPRESSED NATURAL GAS (CNG).....	56
LIQUEFIED NATURAL GAS (LNG)	56
<i>TABLE 39 U.S. PUMP PRICES OF COMPRESSED NATURAL GAS (CNG), GASOLINE AND DIESEL, THROUGH 2006 (\$ PER GASOLINE GALLON EQUIVALENT - GGE)</i>	57
<i>TABLE 40 U.S. NATURAL GAS DEMAND, PRODUCTION AND IMPORTS, THROUGH 2011 (TRILLIONS OF CUBIC FEET)</i>	58
<i>TABLE 41 U.S. MARKET FORECAST FOR NATURAL GAS USE IN THE TRANSPORTATION SECTOR, THROUGH 2011 (HIGH ENERGY-PRICE SCENARIO)</i>	59
<i>TABLE 42 NATURAL GAS VEHICLES (NGVS) IN USE IN THE U.S. BY TYPE THROUGH 2004</i>	59
<i>TABLE 43 NATURAL GAS VEHICLES (NGVS) AVAILABLE IN THE U.S., 2005</i>	60
Liquefied Natural Gas (LNG) (Continued).....	61
<i>TABLE 44 PROFILE OF NATURAL GAS EMISSIONS: REDUCTION OF POLLUTANTS VS. GASOLINE AND DIESEL (%)</i>	62
GOVERNMENT INCENTIVES AND REGULATIONS TO PROMOTE NGVS	62
BARRIERS TO NATURAL GAS USE for LAND-BASED TRANSPORTATION	63
Barriers to Natural Gas ... (Continued).....	64
NATURAL GAS VEHICLES IN OTHER COUNTRIES	65
NATURAL GAS PROCESSING	66
COMPRESSED NATURAL GAS Vs. LIQUEFIED NATURAL GAS.....	66
Compressed Natural ... (Continued)	67
<i>TABLE 45 U.S. CNG AND LNG FUELING STATIONS BY STATE, AS OF JUNE 2006</i>	68
MARKET STRUCTURE AND COMPETITIVE ANALYSIS	69
PATENT ANALYSIS	70
<i>TABLE 46 RECENT PATENTS FOR NATURAL GAS AND VEHICULAR TRANSPORTATION BY YEAR (%)</i>	70

TABLE 47 NATURAL GAS PATENT ASSIGNEES FOR AWARDS GRANTED FOR VEHICULAR TRANSPORTATION (DECEMBER 1996 THROUGH JULY 2006).....	71
TABLE 48 ASSIGNEES' COUNTRIES OF ORIGIN: NATURAL GAS PATENTS INVOLVING VEHICULAR TRANSPORTATION, DECEMBER 1996 THROUGH JULY 2006 (%).....	71
FUTURE OF NATURAL GAS VEHICLES	72
ELECTRIC VEHICLES.....	73
DEFINITIONS	73
HISTORY	73
TABLE 49 SELECTED MODELS OF ELECTRIC CARS CURRENTLY AVAILABLE WORLDWIDE, OR EXPECTED TO BE SOON, AS OF JULY 2006.....	74
TABLE 50 ELECTRIC CARS MADE BY MAJOR CAR MANUFACTURERS.....	75
CONVERSION KITS	76
TABLE 51 SELECTED AVAILABLE ELECTRIC BUSES AND TRUCKS.....	76
ELECTRIC BUSES AND TRUCKS	76
ELECTRIC BUSES AND TRUCKS (Continued).....	77
TABLE 52 SELECTED NEIGHBORHOOD ELECTRIC VEHICLES (NEVS).....	78
TABLE 53 BEV BIKES, SCOOTERS, MOTORCYCLES, OFF-ROAD, ETC.....	79
TABLE 54 NUMBERS OF BATTERY ELECTRIC VEHICLES IN USE IN THE U.S., THROUGH 2011.....	79
TABLE 55 ADVANTAGES AND DISADVANTAGES OF BATTERY ELECTRIC VEHICLES.....	80
ELECTRIC BUSES AND TRUCKS (Continued).....	81
FEDERAL AND STATE INCENTIVES.....	82
ENVIRONMENTAL CONSIDERATIONS	82
INDUSTRY PROFILE and COMPETITIVE ANALYSIS	83
Industry Profile ... (Continued)	84
TABLE 56 PUBLIC CHARGING FACILITIES FOR BEVS (EVSE) BY SELECTED STATES, JULY 2006.....	85
PATENT ANALYSIS	86
TABLE 57 RECENT U.S. PATENTS RELEVANT TO ELECTRIC VEHICLES LISTED BY ASSIGNEE AND PERCENT OF PATENTS HELD.....	86
THE FUTURE OF ELECTRIC VEHICLES	87
THE FUTURE OF ELECTRIC ... (CONTINUED)	88
HYBRID AND PLUG-IN HYBRID VEHICLEs	89
DEFINITIONS	89
HISTORY	89

<i>TABLE 58 TOTAL U.S. SALES OF HYBRID VEHICLES, THROUGH 2010 (ESTIMATED FUEL SAVINGS IN MILLIONS OF GASOLINE GALLONS/YEAR)</i>	90
<i>TABLE 59 HYBRID VEHICLES AVAILABLE IN THE U.S. BY WEIGHT CLASS AND FUEL TYPE FOR COMBUSTION ENGINES, 2005</i>	90
CURRENT PRODUCT OFFERINGS	91
<i>TABLE 60 HYBRID VEHICLES (HEVS) CURRENTLY AVAILABLE IN THE U.S., AS OF JULY 2006</i>	91
<i>TABLE 61 ADVANTAGES AND DISADVANTAGES OF HYBRIDS (HEVS)</i>	92
INCENTIVES FOR HYBRID (HEV AND PHEV) PURCHASES	93
HEV MARKET POTENTIAL	93
PLUG-IN HYBRID ELECTRIC VEHICLES	94
<i>TABLE 62 FUEL CONSUMPTION OF GASOLINE CARS VS. PLUG-IN HYBRIDS (PHEVS)*</i>	94
PLUG-IN HYBRID ELECTRIC ... (CONTINUED)	95
PLUG-IN HYBRID ELECTRIC ... (CONTINUED)	96
IMMINENT PLUG-IN HYBRID PRODUCT OFFERINGS.....	97
CONVERSION KITS FOR PLUG-IN HYBRIDS.....	97
COMPARATIVE ADVANTAGES OF PLUG-IN HYBRIDS.....	97
Comparative Advantages of ... (Continued).....	98
BARRIERS TO THE COMMERCIALIZATION OF PLUG-IN HYBRID ELECTRIC VEHICLES.....	99
ELECTRIC POWER SUPPLY CONCERNS.....	99
MARKET POTENTIAL FOR PLUG-IN HYBRIDS (PHEVS)	100
MARKET POTENTIAL FOR ...(CONTINUED).....	101
HYDROGEN VEHICLES: COMBUSTION AND FUEL CELLS	102
DEFINITIONS	102
HISTORY	102
HYDROGEN USE IN INTERNAL COMBUSTION ENGINES	103
VEHICLES UNDER DEVELOPMENT AND PRODUCT OFFERINGS	103
HYDROGEN INTERNAL COMBUSTION ENGINE VEHICLE costS.....	104
HYDROGEN FUEL CELLS	105
FUEL CELL VEHICLES IN USE OR UNDER DEVELOPMENT TODAY	105
FUEL CELL VEHICLE COSTS	106
<i>TABLE 63 CALIFORNIA TARGETS FOR NUMBERS OF FUEL CELL VEHICLES (FCVS) IN SERVICE</i>	107
HYDROGEN SUPPLY.....	107
<i>TABLE 64 WORLD HYDROGEN PRODUCTION, 2003</i>	107
HYDROGEN STORAGE AND DISTRIBUTION.....	108
DELIVERED HYDROGEN COSTS	109

<i>TABLE 65 ESTIMATED COMPONENTS OF HYDROGEN PRODUCTION AND DISTRIBUTION COSTS PER KG FOR HYPOTHETICAL 1,200,000 KG/DAY PLANT AND ASSOCIATED DISTRIBUTION NETWORK (\$)</i>	109
<i>TABLE 66 U.S. HYDROGEN FUELING STATIONS, AUGUST 2006</i>	110
NET ENERGY VALUES.....	111
COMPETITIVE ANALYSIS, INDUSTRY STRUCTURE AND GOVERNMENT SUPPORT	111
COMPETITIVE ANALYSIS, ... (CONTINUED)	112
THE FUTURE OF HYDROGEN VEHICLES	113
ALTERNATIVE TRANSPORTATION FUELS: CONCLUSION	114
INTRODUCTION	114
<i>TABLE 67 ESTIMATED NUMBERS OF ALTERNATIVE FUEL VEHICLES (ATFVS) IN THE U.S. BY FUEL TYPE, THROUGH 2011</i>	115
<i>TABLE 68 U.S. ALTERNATIVE TRANSPORTATION FUEL (ATF) SUPPLY/FUEL SAVINGS (MILLIONS OF GASOLINE GALLON EQUIVALENTS/YEAR)</i>	116
ETHANOL	116
BIODIESEL.....	117
PROPANE AND NATURAL GAS	117
ELECTRIC-POWERED VEHICLES.....	118
HYDROGEN.....	119
CONSERVATION	119
COMPANY PROFILES	120
AMERICAN AUTOMOBILE MANUFACTURERS	120
FORD MOTOR CO.	120
DAIMLERCHRYSLER (DC).....	120
GENERAL MOTORS CORP. (GMC OR GM)	121
EUROPEAN AUTOMOBILE MANUFACTURERS.....	121
VOLKSWAGEN OF AMERICA, INC. (VW)	121
BAVARIAN MOTOR WORKS (BMW)	122
GROUPE PSA PEUGEOT CITROËN	122
RENAULT	122
FIAT	123
JAPANESE AUTOMOBILE MANUFACTURERS	123
MAZDA MOTOR CORP.	123
AMERICAN HONDA MOTOR CO.....	123
NISSAN MOTOR CO., LTD.....	124
TOYOTA	124
MITSUBISHI MOTORS CORPORATION (MMC)	124
AMERICAN SUZUKI MOTOR CORP.	125
KOREAN AUTOMOBILE MANUFACTURERS.....	125
HYUNDAI MOTOR CO.	125

ENGINE MANUFACTURERS.....	126
PACCAR, INC.	126
DETROIT DIESEL CORP. (DDC).....	126
CUMMINS WESTPORT, INC.....	126
JOHN DEERE POWER SYSTEMS.....	127
NEW HOLLAND.....	127
ELECTRIC VEHICLES.....	127
SOUTHERN CALIFORNIA EDISON (SCE).....	127
ELECTRIC POWER RESEARCH INSTITUTE (EPRI).....	128
FORD GLOBAL TECHNOLOGIES, (FGTL).....	128
HONDA MOTOR CO., LTD.....	128
GENERAL MOTORS.....	128
GENERAL ELECTRIC (GE).....	128
TEXACO OVONICS/COBASYS.....	129
UTC POWER.....	129
BALLARD POWER SYSTEMS.....	129
DAIMLERCHRYSLER.....	129
I T S BUS, INC.....	130
NISSAN MOTOR CO., LTD.....	130
PACCAR, INC.	130
TOYOTA JIDOSHA KABUSHIKI KAISHA.....	130
MOTOROLA.....	130
ELECTRIC VEHICLE COMPONENT PARTS.....	130
AC PROPULSION.....	130
ELECTRIC VEHICLE KITS.....	131
COMMUTER CARS CORP.....	131
ELECTRIC VEHICLE FINAL ASSEMBLY.....	131
MEYERS MOTORS, LLC.....	131
TESLA MOTORS.....	131
THINK NORDIC AS.....	132
UNIVERSAL ELECTRIC VEHICLE CORP. (U.E.V.).....	132
VENTURI.....	132
WRIGHTSPEED.....	132
PHOENIX MOTORCARS.....	133
ELECTRIC BUSES/TRUCKS.....	133
ELECTRIC VEHICLES INTERNATIONAL (EVI).....	133
AZURE DYNAMICS.....	133
NEIGHBORHOOD ELECTRIC VEHICLES (NEVS).....	134
GLOBAL ELECTRIC MOTORCARS LLC (GEM).....	134
CONVERSION KITS FOR PLUG-IN HYBRIDS (PHEVS).....	134
HYMOTION.....	134
EDRIVE SYSTEMS.....	134
EATON CORP.....	135
HYDROGEN INDUSTRY.....	135

HYDROGEN CAR CO. (HCC)	135
CARROLL SHELBY INTERNATIONAL INC. (CSI)	135
QUANTUM TECSTAR	136
BALLARD POWER SYSTEMS, INC.	136
REVA ELECTRIC CAR CO.	137
SHANGHAI AUTOMOTIVE INDUSTRY CORP. (SAIC)	137
HORIZON FUEL CELL TECHNOLOGIES PTE, LTD.....	137
CHERY AUTOMOBILE CO., LTD.....	138
OVONIC HYDROGEN SYSTEMS LLC.....	138
UNITED TECHNOLOGIES CORP.....	138
ETHANOL PRODUCERS	139
ABENGOA.....	139
ARCHER DANIELS MIDLAND (ADM).....	139
CARGILL, INC.	139
VERASUN ENERGY	140
PETROBRAS.....	140
BIODIESEL PRODUCERS	140
MINNESOTA SOYBEAN PROCESSORS	140
SOYMOR	141
PETER CREMER (TRI-NI).....	141
ORGANIC FUELS, LLC	141
STEPAN CO.	141
DOW HALTERMANN	142
AG ENVIRONMENTAL PRODUCTS.....	142
FARMERS UNION MARKETING & PROCESSING ASSOCIATION (FUMPA)	142
GRIFFIN INDUSTRIES	143
HUISH DETERGENTS, INC.	143
IMPERIAL WESTERN PRODUCTS	143
RENEWABLE ENERGY GROUP, INC.	143
WORLD ENERGY ALTERNATIVES	144
NEW ENTRANTS INTO THE BIODIESEL/BIOFUEL MARKETS	144
LOUIS DREYFUS CORP.....	144
CHEVRON CORP.	144
DUPONT, TATE & LYLE, BRITISH PETROLEUM, BRITISH SUGAR	144
DUPONT, TATE & LYLE...(CONTINUED).....	145
POTENTIAL BIODIESEL MARKET ENTRANTS:.....	146
PROCTER & GAMBLE.....	146
PROPANE DISTRIBUTORS (TO MOTOR VEHICLES)	146
U-HAUL.....	146
ROADRUNNER ENERGY.....	146
CLEANFUEL USA.....	147
PACIFIC GAS AND ELECTRIC COMPANY (PG&E)	147

SOUTHERN CALIFORNIA GAS CO. (SCG).....	147
SEMPRA ENERGY	148
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (AQMD)	148
CLEAN ENERGY FUELS	149
CITIZENS GAS & COKE (CG&C)	149
LACLEDE GAS CO.....	149
QUESTAR GAS CO.....	150
WE ENERGIES	150
APPLIED LNG TECHNOLOGIES.....	151
FLEETSTAR, INC.....	151
CLEARWATER GAS SYSTEM	151
CONOCOPHILIPS	152
DYNEGY LIQUIDS MARKETING AND TRADE	152
ENTERPRISE PRODUCTS PARTNERS L.P.....	152
MITCHELL CORPORATION.....	153
SEMPRA ENERGY	153
ROYAL DUTCH SHELL (THE SHELL GROUP)	153
TARGA RESOURCES.....	154
NLG WHOLESALE MARKETING	154
APPENDIX	155
COMMON ALTERNATE TRANSPORTATION FUEL (ATF)	
ACRONYMS	155
COMMON ALTERNATE ... (CONTINUED).....	156