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Discount Factors for Life-Cycle Cost Analysis

Annual Supplement to
NBS Handbook 135 and
NBS Special Publication 709
1985 Edition

Barbara C. Lippiatt
Stephen F. Weber
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**ENERGY PRICES AND
DISCOUNT FACTORS FOR
LIFE-CYCLE COST ANALYSIS:**

Annual Supplement to
NBS Handbook 135 and
NBS Special Publication 709

1985 Edition

- APPENDICES A, B, AND C OF THE FEDERAL METHODOLOGY FOR LIFE-CYCLE COST ANALYSIS USING AVERAGE FUEL COSTS: For Energy Conservation Projects with Study Periods of up to 25 Years and Using a 7 Percent Discount Rate
- EXTENSIONS TO APPENDICES A, B, AND C OF THE FEDERAL METHODOLOGY FOR LIFE-CYCLE COST ANALYSIS USING AVERAGE FUEL COSTS: For Non-Energy Conservation Projects with Study Periods of up to 30 Years and Using a 10 Percent Discount Rate
- SUPPLEMENT FOR PRIVATE SECTOR LIFE-CYCLE COST ANALYSIS: Projected Average Fuel Price Indices for 25 Years with General Price Inflation Rates of 0, 5, 10, and 15 Percent

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U.S. DEPARTMENT OF COMMERCE, Malcolm Baldrige, *Secretary*
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ABSTRACT

This report provides the 1985 annual edition of the energy price and discount factor tables used to supplement both the federal life-cycle costing methodology as described in NBS Handbook 135 (HB 135) and private sector life-cycle cost analysis as described in NBS Special Publication 709 (SP 709). Tables A (7%), Ba, and C represent revisions of Appendices A, B, and C, respectively, of HB 135. They should be used in life-cycle cost analyses of federal energy conservation projects. Tables A (10%), Bb, and C are to be used in life-cycle cost analyses of federal non-energy conservation projects that require energy price forecasts. The last section of this report, the supplement for private sector life-cycle cost analysis, is identical to Appendix B, Part I of SP 709 and is provided for the convenience of private sector analysts wishing to make use of federal energy price forecasts.

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TABLE OF CONTENTS

	<u>Page</u>
ABSTRACT	ii
ACKNOWLEDGMENTS	iii
LIST OF TABLES	v
1. SINGLE PRESENT WORTH AND UNIFORM PRESENT WORTH DISCOUNT FACTORS (CORRESPONDING TO APPENDIX A TO SUBPART A OF 10 CFR PART 436)	1
2. MODIFIED UNIFORM PRESENT WORTH DISCOUNT FACTORS BASED ON SEVEN AND TEN PERCENT REAL DISCOUNT RATES, BY DOE REGION (CORRESPONDING TO APPENDIX B TO SUBPART A OF 10 CFR PART 436)..	4
3. 1985 AVERAGE FUEL PRICES, PROJECTED REAL AVERAGE FUEL PRICE INDICES, AND PROJECTED AVERAGE FUEL PRICE ESCALATION RATES, BY DOE REGION (CORRESPONDING TO APPENDIX C TO SUBPART A OF 10 CFR PART 436)	27
4. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES, BY DOE REGION (SUPPLEMENT FOR PRIVATE SECTOR LIFE-CYCLE COST ANALYSIS)	61

LIST OF TABLES

	<u>Page</u>
A-1. SPW Factors for Finding the Present Value of Future Nonfuel Nonannually Recurring Amounts	2
A-2. UPW Factors for Finding the Present Value of Future Nonfuel Annually Recurring Amounts	3
B-1a. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 7 Percent. DoE Region 1 (Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island)	5
B-2a. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 7 Percent. DoE Region 2 (New York, New Jersey, Puerto Rico, Virgin Islands)	6
B-3a. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 7 Percent. DoE Region 3 (Pennsylvania, Maryland, West Virginia, Virginia, District of Columbia, Delaware)	7
B-4a. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 7 Percent. DoE Region 4 (Kentucky, Tennessee, North Carolina, South Carolina, Mississippi, Alabama, Georgia, Florida, Canal Zone)	8
B-5a. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 7 Percent. DoE Region 5 (Minnesota, Wisconsin, Michigan, Illinois, Indiana, Ohio)	9
B-6a. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 7 Percent. DoE Region 6 (Texas, New Mexico, Oklahoma, Arkansas, Louisiana)	10
B-7a. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 7 Percent. DoE Region 7 (Kansas, Missouri, Iowa, Nebraska)	11
B-8a. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 7 Percent. DoE Region 8 (Montana, North Dakota, South Dakota, Wyoming, Utah, Colorado)	12

LIST OF TABLES (continued)

	<u>Page</u>
B-9a. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 7 Percent. DoE Region 9 (California, Nevada, Arizona, Hawaii, Trust Territory of the Pacific Islands, American Samoa, Guam)	13
B-10a. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 7 Percent. DoE Region 10 (Washington, Oregon, Idaho, Alaska)	14
B-11a. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 7 Percent. United States Average	15
B-1b. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 10 Percent. DoE Region 1 (Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island)	16
B-2b. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 10 Percent. DoE Region 2 (New York, New Jersey, Puerto Rico, Virgin Islands)	17
B-3b. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 10 Percent. DoE Region 3 (Pennsylvania, Maryland, West Virginia, Virginia, District of Columbia, Delaware)	18
B-4b. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 10 Percent. DoE Region 4 (Kentucky, Tennessee, North Carolina, South Carolina, Mississippi, Alabama, Georgia, Florida, Canal Zone)	19
B-5b. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 10 Percent. DoE Region 5 (Minnesota, Wisconsin, Michigan, Illinois, Indiana, Ohio)	20
B-6b. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 10 Percent. DoE Region 6 (Texas, New Mexico, Oklahoma, Arkansas, Louisiana)	21

LIST OF TABLES (continued)

	<u>Page</u>
B-7b. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 10 Percent. DoE Region 7 (Kansas, Missouri, Iowa, Nebraska)	22
B-8b. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 10 Percent. DoE Region 8 (Montana, North Dakota, South Dakota, Wyoming, Utah, Colorado)	23
B-9b. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 10 Percent. DoE Region 9 (California, Nevada, Arizona, Hawaii, Trust Territory of the Pacific Islands, American Samoa, Guam)	24
B-10b. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 10 Percent. DoE Region 10 (Washington, Oregon, Idaho, Alaska)	25
B-11b. UPW* Discount Factors Adjusted for Average Fuel Price Escalation, by End-Use Sector and Major Fuel. Discount Rate = 10 Percent. United States Average	26
Ca-1. 1985 Average Fuel Prices and Projected Average Fuel Price Indices, by End-Use Sector and Major Fuel. DoE Region 1 (Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island)	28
Ca-2. 1985 Average Fuel Prices and Projected Average Fuel Price Indices, by End-Use Sector and Major Fuel. DoE Region 2 (New York, New Jersey, Puerto Rico, Virgin Islands)	30
Ca-3. 1985 Average Fuel Prices and Projected Average Fuel Price Indices, by End-Use Sector and Major Fuel. DoE Region 3 (Pennsylvania, Maryland, West Virginia, Virginia, District of Columbia, Delaware)	32
Ca-4. 1985 Average Fuel Prices and Projected Average Fuel Price Indices, by End-Use Sector and Major Fuel. DoE Region 4 (Kentucky, Tennessee, North Carolina, South Carolina, Mississippi, Alabama, Georgia, Florida, Canal Zone)	34
Ca-5. 1985 Average Fuel Prices and Projected Average Fuel Price Indices, by End-Use Sector and Major Fuel. DoE Region 5 (Minnesota, Wisconsin, Michigan, Illinois, Indiana, Ohio) ...	36

LIST OF TABLES (continued)

	<u>Page</u>
Ca-6. 1985 Average Fuel Prices and Projected Average Fuel Price Indices, by End-Use Sector and Major Fuel. DoE Region 6 (Texas, New Mexico, Oklahoma, Arkansas, Louisiana)	38
Ca-7. 1985 Average Fuel Prices and Projected Average Fuel Price Indices, by End-Use Sector and Major Fuel. DoE Region 7 (Kansas, Missouri, Iowa, Nebraska)	40
Ca-8. 1985 Average Fuel Prices and Projected Average Fuel Price Indices, by End-Use Sector and Major Fuel. DoE Region 8 (Montana, North Dakota, South Dakota, Wyoming, Utah, Colorado)	42
Ca-9. 1985 Average Fuel Prices and Projected Average Fuel Price Indices, by End-Use Sector and Major Fuel. DoE Region 9 (California, Nevada, Arizona, Hawaii, Trust Territory of the Pacific Islands, American Samoa, Guam)	44
Ca-10. 1985 Average Fuel Prices and Projected Average Fuel Price Indices, by End-Use Sector and Major Fuel. DoE Region 10 (Washington, Oregon, Idaho, Alaska)	46
Ca-11. 1985 Average Fuel Prices and Projected Average Fuel Price Indices, by End-Use Sector and Major Fuel. United States Average	48
Cb-1. Projected Average Fuel Price Escalation Rates for Selected Periods, by End-Use Sector and Major Fuel (Percentage Change Compounded Annually). DoE Region 1 (Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island)	50
Cb-2. Projected Average Fuel Price Escalation Rates for Selected Periods, by End-Use Sector and Major Fuel (Percentage Change Compounded Annually). DoE Region 2 (New York, New Jersey, Puerto Rico, Virgin Islands)	51
Cb-3. Projected Average Fuel Price Escalation Rates for Selected Periods, by End-Use Sector and Major Fuel (Percentage Change Compounded Annually). DoE Region 3 (Pennsylvania, Maryland, West Virginia, Virginia, District of Columbia, Delaware)	52

LIST OF TABLES (continued)

	<u>Page</u>
Cb-4. Projected Average Fuel Price Escalation Rates for Selected Periods, by End-Use Sector and Major Fuel (Percentage Change Compounded Annually). DoE Region 4 (Kentucky, Tennessee, North Carolina, South Carolina, Mississippi, Alabama, Georgia, Florida, Canal Zone)	53
Cb-5. Projected Average Fuel Price Escalation Rates for Selected Periods, by End-Use Sector and Major Fuel (Percentage Change Compounded Annually). DoE Region 5 (Minnesota, Wisconsin, Michigan, Illinois, Indiana, Ohio)	54
Cb-6. Projected Average Fuel Price Escalation Rates for Selected Periods, by End-Use Sector and Major Fuel (Percentage Change Compounded Annually). DoE Region 6 (Texas, New Mexico, Oklahoma, Arkansas, Louisiana)	55
Cb-7. Projected Average Fuel Price Escalation Rates for Selected Periods, by End-Use Sector and Major Fuel (Percentage Change Compounded Annually). DoE Region 7 (Kansas, Missouri, Iowa, Nebraska)	56
Cb-8. Projected Average Fuel Price Escalation Rates for Selected Periods, by End-Use Sector and Major Fuel (Percentage Change Compounded Annually). DoE Region 8 (Montana, North Dakota, South Dakota, Wyoming, Utah, Colorado)	57
Cb-9. Projected Average Fuel Price Escalation Rates for Selected Periods, by End-Use Sector and Major Fuel (Percentage Change Compounded Annually). DoE Region 9 (California, Nevada, Arizona, Hawaii, Trust Territory of the Pacific Islands, American Samoa, Guam)	58
Cb-10. Projected Average Fuel Price Escalation Rates for Selected Periods, by End-Use Sector and Major Fuel (Percentage Change Compounded Annually). DoE Region 10 (Washington, Oregon, Idaho, Alaska)	59
Cb-11. Projected Average Fuel Price Escalation Rates for Selected Periods, by End-Use Sector and Major Fuel (Percentage Change Compounded Annually). United States Average	60
S-1. Projected Nominal Average Fuel Price Indices with Assumed General Price Inflation Rates of 0, 5, 10, and 15 Percent, by End-Use Sector and Major Fuel. DoE Region 1 (Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island)	62

LIST OF TABLES (continued)

	<u>Page</u>
S-2. Projected Nominal Average Fuel Price Indices with Assumed General Price Inflation Rates of 0, 5, 10, and 15 Percent, by End-Use Sector and Major Fuel. DoE Region 2 (New York, New Jersey, Puerto Rico, Virgin Islands)	64
S-3. Projected Nominal Average Fuel Price Indices with Assumed General Price Inflation Rates of 0, 5, 10, and 15 Percent, by End-Use Sector and Major Fuel. DoE Region 3 (Pennsylvania, Maryland, West Virginia, Virginia, District of Columbia, Delaware)	66
S-4. Projected Nominal Average Fuel Price Indices with Assumed General Price Inflation Rates of 0, 5, 10, and 15 Percent, by End-Use Sector and Major Fuel. DoE Region 4 (Kentucky, Tennessee, North Carolina, South Carolina, Mississippi, Alabama, Georgia, Florida, Canal Zone)	68
S-5. Projected Nominal Average Fuel Price Indices with Assumed General Price Inflation Rates of 0, 5, 10, and 15 Percent, by End-Use Sector and Major Fuel. DoE Region 5 (Minnesota, Wisconsin, Michigan, Illinois, Indiana, Ohio)	70
S-6. Projected Nominal Average Fuel Price Indices with Assumed General Price Inflation Rates of 0, 5, 10, and 15 Percent, by End-Use Sector and Major Fuel. DoE Region 6 (Texas, New Mexico, Oklahoma, Arkansas, Louisiana)	72
S-7. Projected Nominal Average Fuel Price Indices with Assumed General Price Inflation Rates of 0, 5, 10, and 15 Percent, by End-Use Sector and Major Fuel. DoE Region 7 (Kansas, Missouri, Iowa, Nebraska)	74
S-8. Projected Nominal Average Fuel Price Indices with Assumed General Price Inflation Rates of 0, 5, 10, and 15 Percent, by End-Use Sector and Major Fuel. DoE Region 8 (Montana, North Dakota, South Dakota, Wyoming, Utah, Colorado)	76
S-9. Projected Nominal Average Fuel Price Indices with Assumed General Price Inflation Rates of 0, 5, 10, and 15 Percent, by End-Use Sector and Major Fuel. DoE Region 9 (California, Nevada, Arizona, Hawaii, Trust Territory of the Pacific Islands, American Samoa, Guam)	78
S-10. Projected Nominal Average Fuel Price Indices with Assumed General Price Inflation Rates of 0, 5, 10, and 15 Percent, by End-Use Sector and Major Fuel. DoE Region 10 (Washington, Oregon, Idaho, Alaska)	80

LIST OF TABLES (continued)

	<u>Page</u>
S-11. Projected Nominal Average Fuel Price Indices with Assumed General Price Inflation Rates of 0, 5, 10, and 15 Percent, by End-Use Sector and Major Fuel. United States Average ..	82

1. SINGLE PRESENT WORTH AND UNIFORM PRESENT WORTH DISCOUNT FACTORS
(CORRESPONDING TO APPENDIX A TO SUBPART A OF 10 CFR PART 436)

Table A-1 of this section presents the single present worth (SPW) factors for finding the present value of future nonfuel nonannually recurring amounts, such as replacement costs and salvage values. Table A-2 presents uniform present worth (UPW) factors for finding the present value of nonfuel annually recurring amounts, such as routine maintenance costs. In each table the factors are given for both 7 percent and 10 percent discount rates, and the range of Study Periods covered is from 1 to 25 years.

Table A-1. SPW Factors for Finding the Present Value of Future Nonfuel Nonannually Recurring Amounts¹

Study Period (Years)	SPW Factor (d=.07)	SPW Factor (d=.10)
1	0.93	0.91
2	0.87	0.83
3	0.82	0.75
4	0.76	0.68
5	0.71	0.62
6	0.67	0.56
7	0.62	0.51
8	0.58	0.47
9	0.54	0.42
10	0.51	0.39
11	0.48	0.35
12	0.44	0.32
13	0.41	0.29
14	0.39	0.26
15	0.36	0.24
16	0.34	0.22
17	0.32	0.20
18	0.30	0.18
19	0.28	0.16
20	0.26	0.15
21	0.24	0.14
22	0.23	0.12
23	0.21	0.11
24	0.20	0.10
25	0.18	0.09

¹The formula for finding the present value (P) of a future amount (F) is the following:

$$P = F \cdot \frac{1}{(1+d)^n} = F \cdot \text{SPW Factor},$$

where d = the discount rate; and
n = the year in which F occurs.

Table A-2. UPW Factors for Finding the Present Value of Future Nonfuel Annually Recurring Amounts¹

Study Period (Years)	UPW Factor (d=.07)	UPW Factor (d=.10)
1	0.93	0.91
2	1.81	1.74
3	2.62	2.49
4	3.39	3.17
5	4.10	3.79
6	4.77	4.36
7	5.39	4.87
8	5.97	5.33
9	6.52	5.76
10	7.02	6.14
11	7.50	6.50
12	7.94	6.81
13	8.36	7.10
14	8.75	7.37
15	9.11	7.61
16	9.45	7.82
17	9.76	8.02
18	10.06	8.20
19	10.34	8.36
20	10.59	8.51
21	10.84	8.65
22	11.06	8.77
23	11.27	8.88
24	11.47	8.98
25	11.65	9.08

¹The formula for finding the present value (P) of an annually recurring uniform amount (A) is the following:

$$P = A \cdot \frac{(1+d)^n - 1}{d(1+d)^n} = A \cdot \text{UPW Factor,}$$

where d = the discount rate; and
n = the number of years over which A occurs.

2. MODIFIED UNIFORM PRESENT WORTH DISCOUNT FACTORS BASED ON SEVEN AND TEN PERCENT REAL DISCOUNT RATES, BY DOE REGION
(CORRESPONDING TO APPENDIX B TO SUBPART A OF 10 CFR PART 436)

The tables in this section present "modified" uniform present worth (UPW*) discount factors for the 10 DoE regions and for the United States. The factors are modified in the sense that they take projected energy price changes into account. There are two sets of tables: the "a" tables present UPW* factors based on a seven percent real discount rate, and the "b" tables present UPW* factors based on a ten percent real discount rate. The factors presented in the "a" tables are for Study Periods ranging from 1 to 25 years and are to be used in life-cycle cost analyses of federal energy conservation projects. The factors presented in the "b" tables are for Study Periods ranging from 1 to 30 years and are to be used for life-cycle cost analysis of the energy component of federal projects that are not primarily energy conservation projects. All of the Study Periods for both sets of tables are assumed to begin in 1985.

For Study Periods of up to 25 years, the UPW* factors are derived from the Energy Information Administration's (EIA) projected real average fuel prices for each of the 26 years from 1985 through 2010 for the 10 DoE regions and the United States. Prices for 1985-1995 are output projections from the Intermediate Future Forecasting System found in the Annual Energy Outlook, 1984, DOE/EIA-0383(84). Prices for 1996-2010 were developed by extending the 1995 prices using growth rates computed from output price projections from the WOIL simulation model, given in the June 18, 1985 draft of the 1985 National Energy Policy Plan report, National Energy Policy Plan Projections to 2010. Fuel price indices for the prices used to derive these UPW* factors are presented in tables Ca-1 through Ca-11 of section 3. The "Extended Series" of factors for Study Periods of from 26 to 30 years found in the "b" tables are derived from extrapolated fuel price indices for 2011 through 2015. These extrapolated indices were computed by assuming that the EIA price escalation rates in the Cb tables for the period 2005 to 2010 will continue for the succeeding five year period.

The formula for calculating the UPW* factors is:

$$UPW^* = \sum_{n=1}^{SP} \frac{I(1985+n)}{(1+d)^n},$$

where n = Counter used to designate each year, with n=1 for the year 1986;
 SP = Study Period in years;
 I(1985+n) = Projected average fuel price index given in tables Ca-1 through Ca-11 for the year 1985+n; and
 d = Discount rate.

NOTE: ELEC = Electricity; DIST = Distillate; LPG = Liquefied Petroleum Gas; NATGAS = Natural Gas; RESID = Residual; COAL = Steam Coal; and GASLNE = Gasoline.

TABLE B-1a. UPW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE = 7 PERCENT

DoE Region 1 (Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island)

SP	RESIDENTIAL					COMMERCIAL					INDUSTRIAL					TRANSPORTATION					
	ELEC	DIST	LPG	NATGAS	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	GASLINE	SP
1	0.94	0.92	0.92	0.93	0.94	0.91	0.93	0.93	0.94	0.94	0.91	0.93	0.93	0.95	0.94	0.91	0.93	0.93	0.95	0.91	1
2	1.85	1.77	1.77	1.84	1.85	1.77	1.81	1.84	1.84	1.86	1.77	1.81	1.84	1.84	1.86	1.77	1.81	1.87	1.84	1.77	2
3	2.74	2.60	2.60	2.73	2.74	2.60	2.66	2.74	2.68	2.76	2.59	2.66	2.79	2.69	2.76	2.59	2.66	2.79	2.69	2.58	3
4	3.56	3.39	3.39	3.61	3.56	3.39	3.47	3.63	3.48	3.58	3.39	3.48	3.72	3.49	3.58	3.39	3.48	3.72	3.49	3.36	4
5	4.32	4.16	4.16	4.47	4.32	4.16	4.26	4.52	4.25	4.34	4.16	4.28	4.65	4.26	4.34	4.16	4.28	4.65	4.26	4.10	5
6	5.02	4.90	4.91	5.32	5.02	4.93	5.03	5.40	4.98	5.06	4.93	5.06	5.58	4.99	5.06	4.93	5.06	5.58	4.99	4.82	6
7	5.68	5.64	5.64	6.16	5.68	5.68	5.78	6.28	5.67	5.72	5.68	5.82	6.50	5.68	5.72	5.68	5.82	6.50	5.68	5.52	7
8	6.31	6.36	6.36	6.98	6.31	6.41	6.50	7.15	6.33	6.35	6.42	6.56	7.41	6.34	6.35	6.42	6.56	7.41	6.34	6.21	8
9	6.89	7.05	7.06	7.78	6.89	7.13	7.20	8.00	6.95	6.94	7.14	7.28	8.31	6.96	6.94	7.14	7.28	8.31	6.96	6.88	9
10	7.43	7.74	7.74	8.55	7.43	7.84	7.87	8.82	7.54	7.49	7.85	7.97	9.18	7.56	7.49	7.85	7.97	9.18	7.56	7.52	10
11	7.95	8.40	8.40	9.31	7.95	8.53	8.53	9.63	8.10	8.01	8.55	8.65	10.03	8.12	8.01	8.55	8.65	10.03	8.12	8.14	11
12	8.43	9.04	9.04	10.04	8.43	9.19	9.17	10.41	8.63	8.50	9.22	9.30	10.87	8.65	8.50	9.22	9.30	10.87	8.65	8.74	12
13	8.89	9.66	9.66	10.75	8.89	9.84	9.79	11.18	9.13	8.97	9.88	9.94	11.69	9.15	8.97	9.88	9.94	11.69	9.15	9.31	13
14	9.33	10.26	10.26	11.44	9.33	10.47	10.40	11.92	9.61	9.41	10.53	10.56	12.50	9.63	9.41	10.53	10.56	12.50	9.63	9.85	14
15	9.74	10.84	10.84	12.11	9.74	11.08	10.99	12.64	10.05	9.84	11.16	11.17	13.29	10.08	9.84	11.16	11.17	13.29	10.08	10.38	15
16	10.13	11.40	11.40	12.75	10.13	11.67	11.56	13.34	10.48	10.23	11.77	11.75	14.05	10.50	10.23	11.77	11.75	14.05	10.50	10.88	16
17	10.50	11.95	11.94	13.38	10.50	12.24	12.11	14.02	10.88	10.61	12.36	12.31	14.80	10.90	10.61	12.36	12.31	14.80	10.90	11.36	17
18	10.84	12.47	12.46	13.98	10.84	12.79	12.65	14.67	11.25	10.96	12.93	12.85	15.53	11.28	10.96	12.93	12.85	15.53	11.28	11.82	18
19	11.17	12.97	12.96	14.57	11.17	13.31	13.16	15.31	11.60	11.30	13.49	13.38	16.23	11.63	11.30	13.49	13.38	16.23	11.63	12.26	19
20	11.47	13.45	13.44	15.13	11.47	13.82	13.66	15.92	11.94	11.62	14.02	13.88	16.92	11.96	11.62	14.02	13.88	16.92	11.96	12.67	20
21	11.76	13.92	13.91	15.68	11.76	14.32	14.15	16.52	12.25	11.91	14.55	14.38	17.59	12.28	11.91	14.55	14.38	17.59	12.28	13.08	21
22	12.02	14.38	14.36	16.21	12.02	14.80	14.62	17.10	12.54	12.19	15.06	14.85	18.24	12.57	12.19	15.06	14.85	18.24	12.57	13.46	22
23	12.27	14.82	14.80	16.72	12.27	15.27	15.08	17.66	12.82	12.44	15.55	15.32	18.88	12.85	12.44	15.55	15.32	18.88	12.85	13.83	23
24	12.50	15.25	15.23	17.22	12.50	15.73	15.52	18.20	13.08	12.68	16.04	15.77	19.50	13.11	12.68	16.04	15.77	19.50	13.11	14.19	24
25	12.72	15.66	15.64	17.70	12.72	16.17	15.96	18.73	13.33	12.90	16.51	16.20	20.10	13.36	12.90	16.51	16.20	20.10	13.36	14.54	25

TABLE B-2a. UPW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE = 7 PERCENT

DoE Region 2 (New York, New Jersey, Puerto Rico, Virgin Islands)

SP	RESIDENTIAL					COMMERCIAL					INDUSTRIAL					TRANSPORTATION						
	ELEC	DIST	LPG	NATGAS	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	GASLINE	SP	
1	0.92	0.92	0.92	0.94	0.92	0.91	0.93	0.93	0.95	0.92	0.91	0.93	0.93	0.95	0.92	0.91	0.93	0.93	0.93	0.95	0.91	1
2	1.81	1.78	1.78	1.82	1.78	1.77	1.81	1.82	1.84	1.80	1.77	1.81	1.82	1.85	1.80	1.77	1.81	1.83	1.85	1.85	1.77	2
3	2.66	2.60	2.60	2.67	2.60	2.59	2.66	2.66	2.68	2.66	2.59	2.66	2.66	2.71	2.67	2.59	2.66	2.70	2.71	2.58	2.58	3
4	3.45	3.39	3.39	3.50	3.39	3.39	3.48	3.49	3.49	3.45	3.39	3.48	3.49	3.52	3.47	3.39	3.49	3.56	3.52	3.36	3.36	4
5	4.17	4.16	4.16	4.31	4.16	4.17	4.27	4.30	4.25	4.17	4.17	4.27	4.30	4.29	4.19	4.16	4.29	4.41	4.29	4.10	4.10	5
6	4.84	4.90	4.90	5.10	4.90	4.84	4.93	5.04	4.96	4.84	4.93	5.04	5.09	5.03	4.85	4.93	5.07	5.25	5.03	4.82	4.82	6
7	5.45	5.64	5.63	5.87	5.63	5.69	5.79	5.87	5.64	5.45	5.69	5.79	5.87	5.72	5.47	5.68	5.84	6.07	5.72	5.53	5.53	7
8	6.02	6.35	6.35	6.62	6.35	6.43	6.52	6.63	6.29	6.02	6.43	6.52	6.63	6.38	6.03	6.42	6.58	6.87	6.38	6.21	6.21	8
9	6.55	7.05	7.04	7.34	7.05	7.15	7.22	7.37	6.89	6.55	7.15	7.22	7.37	7.01	6.56	7.15	7.30	7.66	7.01	6.88	6.88	9
10	7.04	7.72	7.72	8.05	7.72	7.87	7.91	8.09	7.47	7.04	7.87	7.91	8.09	7.60	7.05	7.86	8.00	8.43	7.60	7.53	7.53	10
11	7.51	8.38	8.38	8.74	8.38	8.56	8.57	8.80	8.01	7.51	8.56	8.57	8.80	8.16	7.52	8.55	8.67	9.17	8.16	8.15	8.15	11
12	7.96	9.02	9.01	9.40	9.02	9.23	9.22	9.48	8.53	7.96	9.23	9.22	9.48	8.69	7.96	9.23	9.33	9.91	8.69	8.75	8.75	12
13	8.38	9.64	9.63	10.05	9.64	9.89	9.85	10.15	9.02	8.38	9.89	9.85	10.15	9.19	8.38	9.89	9.98	10.63	9.19	9.32	9.32	13
14	8.77	10.23	10.22	10.67	10.23	10.52	10.46	10.79	9.48	8.77	10.52	10.46	10.79	9.67	8.78	10.54	10.60	11.33	9.67	9.87	9.87	14
15	9.15	10.81	10.80	11.28	10.81	11.14	11.06	11.43	9.92	9.15	11.14	11.06	11.43	10.12	9.16	11.17	11.21	12.02	10.12	10.39	10.39	15
16	9.51	11.37	11.36	11.87	11.37	11.73	11.64	12.04	10.33	9.50	11.73	11.64	12.04	10.54	9.52	11.78	11.79	12.69	10.54	10.90	10.90	16
17	9.84	11.91	11.90	12.44	11.91	12.31	12.20	12.63	10.71	9.84	12.31	12.20	12.63	10.94	9.85	12.37	12.35	13.35	10.94	11.38	11.38	17
18	10.16	12.43	12.41	12.99	12.43	12.86	12.73	13.20	11.08	10.16	12.86	12.73	13.20	11.32	10.17	12.94	12.90	13.98	11.32	11.84	11.84	18
19	10.45	12.93	12.91	13.52	12.93	13.39	13.26	13.75	11.42	10.45	13.39	13.26	13.75	11.67	10.47	13.50	13.43	14.60	11.67	12.27	12.27	19
20	10.73	13.41	13.39	14.04	13.41	13.91	13.76	14.29	11.75	10.73	13.91	13.76	14.29	12.00	10.76	14.03	13.93	15.20	12.00	12.69	12.69	20
21	10.99	13.88	13.85	14.53	13.88	14.41	14.25	14.81	12.05	10.99	14.41	14.25	14.81	12.32	11.02	14.56	14.43	15.79	12.32	13.10	13.10	21
22	11.23	14.33	14.30	15.01	14.33	14.90	14.73	15.31	12.34	11.23	14.90	14.73	15.31	12.61	11.27	15.07	14.91	16.36	12.61	13.48	13.48	22
23	11.46	14.77	14.74	15.48	14.77	15.37	15.19	15.80	12.61	11.46	15.37	15.19	15.80	12.89	11.50	15.56	15.37	16.92	12.89	13.86	13.86	23
24	11.67	15.20	15.16	15.93	15.20	15.83	15.64	16.28	12.86	11.67	15.83	15.64	16.28	13.15	11.71	16.05	15.82	17.46	13.15	14.22	14.22	24
25	11.87	15.61	15.57	16.37	15.61	16.27	16.08	16.74	13.10	11.87	16.27	16.08	16.74	13.40	11.91	16.52	16.26	17.99	13.40	14.56	14.56	25

TABLE B-3a. UPW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE = 7 PERCENT

DoE Region 3 (Pennsylvania, Maryland, West Virginia, Virginia, District of Columbia, Delaware)

SP	RESIDENTIAL					COMMERCIAL					INDUSTRIAL					TRANSPORTATION							
	ELEC	DIST	LPG	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	GASLINE	SP	
1	0.92	0.92	0.92	0.94	0.95	0.92	0.91	0.93	0.93	0.95	0.92	0.91	0.93	0.93	0.95	0.92	0.91	0.93	0.93	0.95	0.95	0.91	1
2	1.79	1.77	1.77	1.84	1.84	1.79	1.77	1.81	1.82	1.84	1.79	1.77	1.81	1.83	1.84	1.79	1.77	1.81	1.83	1.84	1.77	1.77	2
3	2.61	2.60	2.60	2.70	2.69	2.61	2.60	2.66	2.67	2.69	2.60	2.59	2.66	2.70	2.68	2.60	2.59	2.66	2.70	2.68	2.58	2.58	3
4	3.36	3.39	3.39	3.55	3.49	3.36	3.40	3.48	3.51	3.49	3.35	3.39	3.49	3.57	3.49	3.35	3.39	3.49	3.57	3.49	3.36	3.36	4
5	4.05	4.16	4.16	4.38	4.25	4.05	4.18	4.28	4.32	4.25	4.04	4.17	4.30	4.42	4.25	4.04	4.17	4.30	4.42	4.25	4.10	4.10	5
6	4.70	4.91	4.91	5.18	4.98	4.70	4.95	5.06	5.11	4.98	4.68	4.93	5.10	5.25	4.97	4.68	4.93	5.10	5.25	4.97	4.82	4.82	6
7	5.30	5.64	5.64	5.96	5.66	5.30	5.71	5.82	5.88	5.66	5.29	5.69	5.87	6.07	5.65	5.29	5.69	5.87	6.07	5.65	5.53	5.53	7
8	5.87	6.36	6.36	6.72	6.30	5.87	6.46	6.56	6.63	6.30	5.85	6.44	6.63	6.86	6.30	5.85	6.44	6.63	6.86	6.30	6.21	6.21	8
9	6.40	7.06	7.06	7.46	6.91	6.41	7.20	7.27	7.36	6.91	6.38	7.17	7.36	7.64	6.91	6.38	7.17	7.36	7.64	6.91	6.88	6.88	9
10	6.91	7.75	7.74	8.18	7.49	6.91	7.92	7.96	8.07	7.49	6.88	7.89	8.08	8.39	7.50	6.88	7.89	8.08	8.39	7.50	7.53	7.53	10
11	7.38	8.41	8.40	8.88	8.03	7.38	8.63	8.64	8.76	8.03	7.36	8.59	8.77	9.13	8.05	7.36	8.59	8.77	9.13	8.05	8.15	8.15	11
12	7.83	9.05	9.05	9.55	8.55	7.83	9.31	9.30	9.43	8.55	7.81	9.27	9.45	9.86	8.57	7.81	9.27	9.45	9.86	8.57	8.75	8.75	12
13	8.25	9.67	9.67	10.21	9.04	8.25	9.97	9.94	10.08	9.04	8.24	9.94	10.10	10.56	9.06	8.24	9.94	10.10	10.56	9.06	9.32	9.32	13
14	8.66	10.28	10.27	10.84	9.51	8.66	10.62	10.56	10.72	9.51	8.64	10.59	10.74	11.26	9.53	8.64	10.59	10.74	11.26	9.53	9.87	9.87	14
15	9.04	10.86	10.85	11.46	9.94	9.04	11.25	11.17	11.34	9.94	9.03	11.23	11.36	11.94	9.97	9.03	11.23	11.36	11.94	9.97	10.40	10.40	15
16	9.39	11.43	11.41	12.06	10.36	9.40	11.85	11.76	11.93	10.36	9.39	11.85	11.96	12.60	10.38	9.39	11.85	11.96	12.60	10.38	10.90	10.90	16
17	9.73	11.97	11.95	12.64	10.75	9.74	12.43	12.32	12.51	10.75	9.73	12.44	12.54	13.25	10.78	9.73	12.44	12.54	13.25	10.78	11.38	11.38	17
18	10.05	12.49	12.47	13.20	11.11	10.06	13.00	12.87	13.07	11.11	10.06	13.02	13.09	13.87	11.14	10.06	13.02	13.09	13.87	11.14	11.84	11.84	18
19	10.35	13.00	12.98	13.74	11.46	10.36	13.54	13.40	13.62	11.46	10.36	13.58	13.63	14.48	11.49	10.36	13.58	13.63	14.48	11.49	12.28	12.28	19
20	10.63	13.48	13.46	14.26	11.78	10.64	14.06	13.91	14.14	11.78	10.65	14.12	14.15	15.08	11.82	10.65	14.12	14.15	15.08	11.82	12.70	12.70	20
21	10.90	13.95	13.93	14.76	12.09	10.90	14.57	14.41	14.65	12.09	10.92	14.65	14.66	15.66	12.13	10.92	14.65	14.66	15.66	12.13	13.10	13.10	21
22	11.14	14.41	14.38	15.25	12.38	11.15	15.07	14.90	15.15	12.38	11.17	15.17	15.15	16.22	12.42	11.17	15.17	15.15	16.22	12.42	13.49	13.49	22
23	11.37	14.85	14.82	15.73	12.65	11.38	15.55	15.37	15.63	12.65	11.41	15.67	15.62	16.77	12.69	11.41	15.67	15.62	16.77	12.69	13.86	13.86	23
24	11.58	15.28	15.25	16.18	12.90	11.59	16.01	15.83	16.09	12.90	11.62	16.16	16.09	17.30	12.95	11.62	16.16	16.09	17.30	12.95	14.22	14.22	24
25	11.78	15.70	15.66	16.63	13.14	11.79	16.47	16.27	16.54	13.14	11.83	16.64	16.54	17.82	13.19	11.83	16.64	16.54	17.82	13.19	14.56	14.56	25

TABLE B-4a. UPW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE = 7 PERCENT

DoE Region 4 (Kentucky, Tennessee, North Carolina, South Carolina, Mississippi, Alabama, Georgia, Florida, Canal Zone)

SP	RESIDENTIAL				COMMERCIAL				INDUSTRIAL				TRANSPORTATION					
	ELEC	DIST	LPG	NATGAS	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	GASOLINE	SP
1	0.91	0.92	0.92	0.94	0.91	0.91	0.93	0.93	0.95	0.91	0.91	0.93	0.92	0.95	0.91	0.91	0.91	1
2	1.76	1.77	1.77	1.85	1.77	1.76	1.81	1.82	1.85	1.76	1.77	1.81	1.82	1.85	1.76	1.77	1.76	2
3	2.55	2.60	2.60	2.74	2.56	2.59	2.66	2.69	2.70	2.54	2.59	2.67	2.70	2.70	2.54	2.59	2.58	3
4	3.29	3.39	3.39	3.62	3.29	3.39	3.48	3.55	3.50	3.28	3.40	3.51	3.58	3.52	3.28	3.40	3.36	4
5	3.98	4.16	4.16	4.51	3.98	4.17	4.27	4.42	4.27	3.96	4.17	4.32	4.47	4.29	3.96	4.17	4.10	5
6	4.61	4.91	4.91	5.39	4.61	4.94	5.05	5.29	5.00	4.58	4.94	5.13	5.37	5.03	4.58	4.94	4.82	6
7	5.20	5.64	5.65	6.27	5.20	5.71	5.80	6.16	5.69	5.17	5.70	5.92	6.27	5.73	5.17	5.70	5.53	7
8	5.73	6.36	6.36	7.13	5.74	6.46	6.54	7.01	6.34	5.70	6.45	6.69	7.17	6.40	5.70	6.45	6.22	8
9	6.23	7.06	7.07	7.99	6.23	7.21	7.24	7.87	6.95	6.18	7.19	7.44	8.06	7.03	6.18	7.19	6.89	9
10	6.68	7.75	7.75	8.83	6.68	7.94	7.93	8.71	7.54	6.63	7.92	8.17	8.94	7.63	6.63	7.92	7.54	10
11	7.11	8.41	8.41	9.65	7.11	8.65	8.60	9.52	8.09	7.05	8.62	8.88	9.81	8.20	7.05	8.62	8.16	11
12	7.52	9.05	9.05	10.45	7.52	9.34	9.25	10.31	8.61	7.45	9.31	9.57	10.65	8.73	7.45	9.31	8.76	12
13	7.90	9.67	9.68	11.22	7.91	10.01	9.89	11.09	9.10	7.84	9.99	10.24	11.48	9.24	7.84	9.99	9.34	13
14	8.26	10.28	10.28	11.96	8.27	10.66	10.50	11.84	9.57	8.20	10.65	10.90	12.29	9.73	8.20	10.65	9.89	14
15	8.61	10.86	10.86	12.69	8.62	11.29	11.11	12.57	10.01	8.54	11.29	11.53	13.09	10.18	8.54	11.29	10.41	15
16	8.93	11.43	11.43	13.39	8.94	11.90	11.69	13.28	10.43	8.87	11.91	12.14	13.86	10.61	8.87	11.91	10.92	16
17	9.24	11.97	11.97	14.07	9.25	12.49	12.25	13.96	10.82	9.17	12.52	12.74	14.62	11.02	9.17	12.52	11.40	17
18	9.53	12.49	12.49	14.73	9.54	13.06	12.79	14.62	11.19	9.46	13.10	13.31	15.35	11.39	9.46	13.10	11.86	18
19	9.80	13.00	12.99	15.36	9.81	13.60	13.32	15.27	11.54	9.74	13.66	13.86	16.06	11.75	9.74	13.66	12.30	19
20	10.06	13.48	13.48	15.97	10.07	14.13	13.82	15.89	11.87	9.99	14.21	14.39	16.76	12.09	9.99	14.21	12.72	20
21	10.30	13.95	13.94	16.57	10.31	14.64	14.32	16.49	12.18	10.23	14.74	14.91	17.43	12.41	10.23	14.74	13.13	21
22	10.52	14.41	14.40	17.14	10.53	15.14	14.80	17.08	12.47	10.46	15.26	15.41	18.09	12.71	10.46	15.26	13.52	22
23	10.72	14.85	14.84	17.70	10.74	15.63	15.26	17.64	12.74	10.67	15.77	15.90	18.73	12.99	10.67	15.77	13.89	23
24	10.92	15.28	15.27	18.24	10.93	16.10	15.72	18.19	13.00	10.86	16.27	16.37	19.36	13.25	10.86	16.27	14.25	24
25	11.10	15.70	15.68	18.76	11.11	16.55	16.16	18.73	13.24	11.04	16.75	16.83	19.97	13.50	11.04	16.75	14.60	25

TABLE B-5a. UPW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE = 7 PERCENT

DoE Region 5 (Minnesota, Wisconsin, Michigan, Illinois, Indiana, Ohio)

SP	RESIDENTIAL				COMMERCIAL				INDUSTRIAL				TRANSPORTATION									
	ELEC	DIST	LPG	NATGAS	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	GASLINE	SP	
1	0.96	0.91	0.92	0.94	0.96	0.91	0.93	0.94	0.95	0.96	0.91	0.93	0.93	0.93	0.94	0.91	0.93	0.93	0.93	0.94	0.91	1
2	1.87	1.77	1.77	1.84	1.87	1.76	1.81	1.83	1.84	1.88	1.77	1.82	1.82	1.82	1.84	1.77	1.82	1.82	1.82	1.84	1.77	2
3	2.71	2.60	2.60	2.71	2.71	2.59	2.66	2.69	2.68	2.72	2.59	2.68	2.68	2.68	2.68	2.59	2.68	2.68	2.68	2.68	2.58	3
4	3.47	3.39	3.39	3.55	3.47	3.39	3.47	3.54	3.48	3.49	3.39	3.47	3.53	3.48	3.48	3.39	3.53	3.53	3.48	3.48	3.36	4
5	4.17	4.16	4.16	4.39	4.17	4.17	4.25	4.37	4.24	4.18	4.17	4.25	4.37	4.23	4.23	4.17	4.37	4.37	4.23	4.10	4.10	5
6	4.80	4.92	4.91	5.21	4.80	4.94	5.01	5.20	4.96	4.81	4.93	5.20	5.20	4.95	4.95	4.93	5.20	5.20	4.95	4.82	4.82	6
7	5.39	5.66	5.65	6.03	5.39	5.71	5.74	6.02	5.64	5.39	5.69	6.02	6.04	5.62	5.62	5.69	6.02	6.04	5.62	5.52	5.52	7
8	5.93	6.38	6.38	6.84	5.92	6.46	6.45	6.83	6.29	5.92	6.43	6.83	6.86	6.26	6.26	6.43	6.83	6.86	6.26	6.21	6.21	8
9	6.42	7.09	7.08	7.65	6.42	7.20	7.13	7.64	6.89	6.40	7.16	7.62	7.68	6.87	6.87	7.16	7.62	7.68	6.87	6.87	6.87	9
10	6.87	7.78	7.78	8.43	6.87	7.93	7.79	8.44	7.47	6.85	7.87	8.40	8.48	7.43	7.43	7.87	8.40	8.48	7.43	7.51	7.51	10
11	7.31	8.46	8.45	9.20	7.30	8.64	8.44	9.21	8.01	7.27	8.57	9.15	9.27	7.97	7.97	8.57	9.15	9.27	7.97	8.13	8.13	11
12	7.72	9.11	9.09	9.94	7.71	9.32	9.06	9.96	8.53	7.67	9.25	9.88	10.04	8.48	8.48	9.25	9.88	10.04	8.48	8.72	8.72	12
13	8.10	9.74	9.72	10.66	8.10	9.99	9.67	10.69	9.02	8.05	9.92	10.60	10.80	8.96	8.96	9.92	10.60	10.80	8.96	9.29	9.29	13
14	8.47	10.35	10.33	11.36	8.46	10.64	10.26	11.40	9.48	8.42	10.57	11.29	11.54	9.42	9.42	10.57	11.29	11.54	9.42	9.83	9.83	14
15	8.82	10.94	10.92	12.04	8.81	11.27	10.84	12.10	9.91	8.76	11.20	11.96	12.27	9.85	9.85	11.20	11.96	12.27	9.85	10.36	10.36	15
16	9.14	11.51	11.49	12.69	9.14	11.88	11.40	12.77	10.33	9.09	11.82	12.61	12.97	10.26	10.26	11.82	12.61	12.97	10.26	10.86	10.86	16
17	9.45	12.06	12.04	13.33	9.45	12.46	11.94	13.42	10.71	9.39	12.41	13.24	13.66	10.64	10.64	12.41	13.24	13.66	10.64	11.33	11.33	17
18	9.74	12.59	12.57	13.94	9.74	13.03	12.46	14.05	11.08	9.68	12.99	13.85	14.33	11.01	11.01	12.99	13.85	14.33	11.01	11.79	11.79	18
19	10.01	13.10	13.07	14.53	10.01	13.58	12.96	14.65	11.42	9.95	13.55	14.43	14.98	11.35	11.35	13.55	14.43	14.98	11.35	12.22	12.22	19
20	10.27	13.59	13.56	15.11	10.27	14.10	13.45	15.24	11.75	10.21	14.09	15.00	15.61	11.67	11.67	14.09	15.00	15.61	11.67	12.64	12.64	20
21	10.51	14.07	14.04	15.66	10.51	14.61	13.92	15.81	12.05	10.45	14.61	15.55	16.23	11.97	11.97	14.61	15.55	16.23	11.97	13.04	13.04	21
22	10.73	14.53	14.50	16.20	10.73	15.11	14.38	16.37	12.34	10.68	15.13	16.08	16.83	12.25	12.25	15.13	16.08	16.83	12.25	13.43	13.43	22
23	10.94	14.98	14.94	16.72	10.94	15.59	14.83	16.91	12.61	10.89	15.63	16.60	17.42	12.52	12.52	15.63	16.60	17.42	12.52	13.80	13.80	23
24	11.14	15.42	15.37	17.22	11.13	16.06	15.27	17.43	12.86	11.08	16.12	17.10	17.99	12.77	12.77	16.12	17.10	17.99	12.77	14.15	14.15	24
25	11.32	15.84	15.79	17.71	11.31	16.52	15.69	17.93	13.10	11.26	16.59	17.59	18.54	13.01	13.01	16.59	17.59	18.54	13.01	14.50	14.50	25

TABLE B-6a. UPW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE = 7 PERCENT

DoE Region 6 (Texas, New Mexico, Oklahoma, Arkansas, Louisiana)

SP	RESIDENTIAL					COMMERCIAL					INDUSTRIAL					TRANSPORTATION	
	ELEC	DIST	LPG	NATGAS	SP	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	GASLINE	SP
1	0.96	0.91	0.91	0.96	1	0.96	0.91	0.93	0.95	0.95	0.97	0.91	0.93	0.96	0.96	0.91	1
2	1.88	1.77	1.77	1.90	2	1.88	1.76	1.81	1.86	1.85	1.89	1.76	1.81	1.90	1.87	1.76	2
3	2.74	2.59	2.60	2.81	3	2.74	2.59	2.66	2.75	2.69	2.76	2.59	2.68	2.82	2.74	2.58	3
4	3.54	3.39	3.40	3.71	4	3.55	3.40	3.49	3.61	3.49	3.57	3.39	3.52	3.72	3.56	3.36	4
5	4.30	4.17	4.17	4.60	5	4.30	4.18	4.30	4.47	4.25	4.33	4.17	4.35	4.64	4.35	4.10	5
6	5.01	4.94	4.95	5.48	6	5.02	4.96	5.09	5.31	4.97	5.06	4.95	5.17	5.55	5.10	4.83	6
7	5.69	5.70	5.71	6.36	7	5.70	5.74	5.87	6.15	5.65	5.74	5.72	5.98	6.47	5.82	5.54	7
8	6.33	6.46	6.46	7.22	8	6.34	6.50	6.62	6.98	6.30	6.39	6.47	6.77	7.39	6.49	6.23	8
9	6.93	7.19	7.20	8.07	9	6.94	7.26	7.36	7.81	6.91	7.01	7.22	7.54	8.31	7.13	6.90	9
10	7.51	7.92	7.92	8.91	10	7.52	8.00	8.07	8.62	7.49	7.59	7.95	8.29	9.22	7.74	7.56	10
11	8.05	8.62	8.63	9.73	11	8.07	8.72	8.77	9.41	8.05	8.15	8.67	9.03	10.11	8.32	8.18	11
12	8.57	9.30	9.31	10.52	12	8.58	9.42	9.45	10.18	8.57	8.68	9.37	9.74	10.99	8.87	8.79	12
13	9.06	9.96	9.97	11.29	13	9.08	10.11	10.10	10.93	9.06	9.18	10.05	10.43	11.85	9.39	9.36	13
14	9.52	10.60	10.61	12.04	14	9.54	10.77	10.75	11.66	9.53	9.66	10.71	11.11	12.69	9.88	9.92	14
15	9.96	11.23	11.22	12.76	15	9.98	11.41	11.37	12.37	9.98	10.12	11.37	11.76	13.51	10.34	10.45	15
16	10.37	11.82	11.82	13.46	16	10.39	12.03	11.98	13.05	10.39	10.54	12.00	12.40	14.31	10.78	10.96	16
17	10.76	12.40	12.40	14.14	17	10.78	12.63	12.56	13.72	10.78	10.95	12.61	13.01	15.09	11.19	11.44	17
18	11.12	12.96	12.95	14.79	18	11.15	13.21	13.13	14.36	11.15	11.33	13.20	13.60	15.85	11.58	11.91	18
19	11.47	13.49	13.48	15.42	19	11.50	13.77	13.67	14.98	11.50	11.69	13.77	14.17	16.59	11.94	12.35	19
20	11.79	14.01	13.99	16.04	20	11.82	14.30	14.20	15.59	11.83	12.03	14.32	14.71	17.30	12.28	12.77	20
21	12.10	14.51	14.49	16.63	21	12.13	14.83	14.71	16.17	12.14	12.34	14.86	15.25	18.00	12.61	13.18	21
22	12.38	14.99	14.98	17.20	22	12.41	15.33	15.21	16.74	12.43	12.64	15.39	15.77	18.68	12.91	13.57	22
23	12.64	15.46	15.44	17.76	23	12.68	15.83	15.70	17.29	12.70	12.91	15.90	16.27	19.35	13.20	13.95	23
24	12.88	15.92	15.90	18.29	24	12.92	16.30	16.17	17.82	12.96	13.17	16.40	16.76	19.99	13.47	14.31	24
25	13.11	16.36	16.34	18.81	25	13.15	16.77	16.63	18.34	13.20	13.41	16.89	17.23	20.62	13.72	14.66	25

TABLE B-7a. UPW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE = 7 PERCENT
 DoE Region 7 (Kansas, Missouri, Iowa, Nebraska)

SP	RESIDENTIAL					COMMERCIAL					INDUSTRIAL					TRANSPORTATION						
	ELEC	DIST	LPG	NATGAS		ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	GASLINE	SP
1	0.98	0.91	0.91	0.93		0.98	0.91	0.93	0.93	0.94	0.99	0.91	0.93	0.92	0.95	0.91	0.91	0.93	0.92	0.95	0.91	1
2	1.87	1.77	1.77	1.84		1.87	1.76	1.81	1.83	1.83	1.88	1.77	1.81	1.82	1.86	1.88	1.77	1.81	1.82	1.86	1.76	2
3	2.67	2.60	2.60	2.73		2.67	2.59	2.65	2.73	2.67	2.68	2.60	2.68	2.71	2.72	2.68	2.60	2.68	2.71	2.72	2.58	3
4	3.40	3.39	3.39	3.61		3.40	3.40	3.45	3.61	3.46	3.40	3.40	3.53	3.58	3.54	3.40	3.40	3.53	3.58	3.54	3.36	4
5	4.08	4.16	4.16	4.49		4.08	4.18	4.22	4.50	4.21	4.07	4.18	4.37	4.46	4.31	4.07	4.18	4.37	4.46	4.31	4.10	5
6	4.70	4.92	4.92	5.36		4.70	4.95	4.96	5.38	4.92	4.69	4.95	5.20	5.34	5.05	4.69	4.95	5.20	5.34	5.05	4.82	6
7	5.28	5.67	5.67	6.23		5.27	5.72	5.67	6.26	5.58	5.26	5.71	6.03	6.22	5.75	5.26	5.71	6.03	6.22	5.75	5.53	7
8	5.81	6.41	6.41	7.08		5.80	6.48	6.35	7.13	6.21	5.78	6.46	6.84	7.08	6.41	5.78	6.46	6.84	7.08	6.41	6.22	8
9	6.29	7.12	7.12	7.93		6.29	7.23	7.00	8.00	6.81	6.26	7.19	7.64	7.94	7.04	6.26	7.19	7.64	7.94	7.04	6.89	9
10	6.74	7.83	7.82	8.76		6.73	7.97	7.63	8.85	7.37	6.70	7.92	8.42	8.79	7.63	6.70	7.92	8.42	8.79	7.63	7.54	10
11	7.17	8.51	8.50	9.57		7.16	8.68	8.24	9.68	7.90	7.11	8.62	9.18	9.62	8.19	7.11	8.62	9.18	9.62	8.19	8.17	11
12	7.57	9.17	9.16	10.35		7.56	9.38	8.83	10.49	8.41	7.51	9.31	9.92	10.43	8.73	7.51	9.31	9.92	10.43	8.73	8.77	12
13	7.95	9.81	9.80	11.11		7.94	10.05	9.41	11.28	8.88	7.89	9.98	10.63	11.22	9.23	7.89	9.98	10.63	11.22	9.23	9.34	13
14	8.31	10.43	10.41	11.85		8.30	10.71	9.98	12.04	9.33	8.25	10.64	11.33	12.00	9.71	8.25	10.64	11.33	12.00	9.71	9.89	14
15	8.65	11.03	11.01	12.57		8.64	11.34	10.52	12.79	9.76	8.59	11.28	12.01	12.76	10.17	8.59	11.28	12.01	12.76	10.17	10.42	15
16	8.98	11.61	11.59	13.26		8.96	11.96	11.06	13.51	10.16	8.91	11.91	12.66	13.51	10.59	8.91	11.91	12.66	13.51	10.59	10.93	16
17	9.28	12.16	12.15	13.93		9.26	12.55	11.57	14.21	10.54	9.21	12.51	13.30	14.23	10.99	9.21	12.51	13.30	14.23	10.99	11.41	17
18	9.57	12.70	12.68	14.58		9.55	13.12	12.06	14.88	10.90	9.49	13.09	13.91	14.93	11.37	9.49	13.09	13.91	14.93	11.37	11.87	18
19	9.84	13.22	13.20	15.21		9.82	13.68	12.54	15.54	11.23	9.76	13.65	14.50	15.62	11.73	9.76	13.65	14.50	15.62	11.73	12.31	19
20	10.09	13.72	13.69	15.81		10.07	14.21	13.01	16.17	11.55	10.02	14.20	15.06	16.28	12.06	10.02	14.20	15.06	16.28	12.06	12.73	20
21	10.33	14.20	14.17	16.40		10.31	14.73	13.46	16.78	11.85	10.25	14.73	15.62	16.93	12.38	10.25	14.73	15.62	16.93	12.38	13.14	21
22	10.55	14.67	14.64	16.97		10.53	15.23	13.89	17.38	12.13	10.48	15.25	16.15	17.56	12.67	10.48	15.25	16.15	17.56	12.67	13.53	22
23	10.75	15.13	15.09	17.52		10.73	15.72	14.32	17.96	12.39	10.68	15.76	16.67	18.17	12.95	10.68	15.76	16.67	18.17	12.95	13.90	23
24	10.94	15.57	15.53	18.05		10.92	16.19	14.73	18.52	12.64	10.87	16.25	17.18	18.77	13.22	10.87	16.25	17.18	18.77	13.22	14.26	24
25	11.12	16.00	15.96	18.57		11.10	16.65	15.14	19.06	12.87	11.05	16.73	17.67	19.36	13.47	11.05	16.73	17.67	19.36	13.47	14.61	25

TABLE B-8a. UFW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE = 7 PERCENT

DoE Region 8 (Montana, North Dakota, South Dakota, Wyoming, Utah, Colorado)

SP	RESIDENTIAL					COMMERCIAL					INDUSTRIAL					TRANSPORTATION		
	ELEC	DIST	LPG	NATGAS		ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	GASLNE	SP	
1	0.94	0.91	0.91	0.94		0.94	0.91	0.93	0.94	0.96	0.95	0.91	0.93	0.93	0.93	0.95	0.91	1
2	1.82	1.77	1.77	1.84		1.82	1.77	1.81	1.84	1.87	1.83	1.77	1.81	1.83	1.86	1.76	1.76	2
3	2.64	2.60	2.60	2.69		2.64	2.59	2.67	2.69	2.72	2.68	2.60	2.68	2.68	2.71	2.58	2.58	3
4	3.40	3.39	3.39	3.51		3.40	3.39	3.49	3.49	3.53	3.49	3.40	3.53	3.49	3.51	3.36	3.36	4
5	4.09	4.17	4.17	4.31		4.10	4.17	4.30	4.28	4.30	4.30	4.18	4.38	4.30	4.28	4.10	4.10	5
6	4.74	4.93	4.93	5.10		4.74	4.94	5.09	5.06	5.02	5.10	4.95	5.23	5.10	5.00	4.82	4.82	6
7	5.34	5.68	5.68	5.89		5.34	5.71	5.86	5.83	5.71	5.89	5.71	6.06	5.89	5.69	5.53	5.53	7
8	5.89	6.42	6.41	6.65		5.88	6.46	6.62	6.58	6.36	6.68	6.46	6.88	6.68	6.35	6.22	6.22	8
9	6.39	7.14	7.13	7.41		6.39	7.20	7.35	7.32	6.97	7.46	7.20	7.69	7.46	6.96	6.89	6.89	9
10	6.87	7.84	7.84	8.15		6.86	7.93	8.06	8.05	7.55	8.24	7.93	8.49	8.24	7.54	7.54	7.54	10
11	7.31	8.53	8.52	8.87		7.31	8.64	8.75	8.75	8.09	8.99	8.64	9.26	8.99	8.10	8.16	8.16	11
12	7.74	9.19	9.18	9.58		7.73	9.33	9.42	9.44	8.61	9.73	9.33	10.02	9.73	8.61	8.76	8.76	12
13	8.14	9.83	9.83	10.26		8.13	9.99	10.08	10.11	9.10	10.46	10.01	10.75	10.46	9.11	9.33	9.33	13
14	8.52	10.46	10.45	10.92		8.51	10.64	10.72	10.76	9.56	11.17	10.67	11.46	11.17	9.58	9.88	9.88	14
15	8.88	11.06	11.05	11.56		8.87	11.27	11.34	11.40	10.00	11.87	11.31	12.15	11.87	10.02	10.41	10.41	15
16	9.22	11.64	11.63	12.18		9.21	11.88	11.94	12.01	10.41	12.55	11.94	12.82	12.55	10.44	10.91	10.91	16
17	9.54	12.21	12.19	12.77		9.53	12.47	12.53	12.60	10.80	13.21	12.54	13.46	13.21	10.83	11.39	11.39	17
18	9.84	12.75	12.73	13.35		9.83	13.03	13.09	13.18	11.17	14.09	13.13	14.09	13.85	11.20	11.85	11.85	18
19	10.12	13.27	13.25	13.91		10.11	13.58	13.63	13.73	11.51	14.81	13.70	14.68	14.48	11.55	12.29	12.29	19
20	10.39	13.77	13.74	14.45		10.38	14.10	14.15	14.27	11.84	15.68	14.24	15.26	15.08	11.87	12.72	12.72	20
21	10.64	14.26	14.23	14.98		10.63	14.62	14.66	14.80	12.14	16.25	14.78	15.83	15.68	12.18	13.12	13.12	21
22	10.87	14.73	14.70	15.48		10.86	15.11	15.16	15.30	12.43	16.81	15.30	16.37	16.25	12.47	13.51	13.51	22
23	11.09	15.19	15.15	15.98		11.08	15.59	15.64	15.79	12.70	17.36	15.81	16.91	16.81	12.75	13.88	13.88	23
24	11.29	15.63	15.59	16.45		11.28	16.06	16.11	16.27	12.96	17.90	16.30	17.42	17.36	13.00	14.24	14.24	24
25	11.48	16.06	16.02	16.91		11.46	16.52	16.57	16.74	13.20	18.49	16.79	17.92	17.90	13.24	14.59	14.59	25

TABLE B-9a. UPW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE = 7 PERCENT

DoE Region 9 (California, Nevada, Arizona, Hawaii, Trust Territory of the Pacific Islands, American Samoa, Guam)

SP	RESIDENTIAL					COMMERCIAL					INDUSTRIAL					TRANSPORTATION					
	ELEC	DIST	LPG	NATGAS	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	GASLINE	SP
1	0.99	0.91	0.91	0.91	0.91	0.91	0.93	0.89	1.04	0.99	0.91	0.94	0.90	0.95	0.99	0.91	0.94	0.90	0.95	0.91	1
2	1.92	1.77	1.77	1.79	1.79	1.76	1.81	1.74	2.01	1.92	1.76	1.82	1.77	1.85	1.93	1.76	1.82	1.77	1.85	1.76	2
3	2.77	2.60	2.60	2.64	2.64	2.59	2.65	2.54	2.93	2.77	2.59	2.68	2.59	2.69	2.79	2.59	2.68	2.59	2.69	2.58	3
4	3.57	3.39	3.39	3.52	3.52	3.40	3.47	3.36	3.81	3.57	3.40	3.51	3.44	3.49	3.58	3.39	3.51	3.44	3.49	3.36	4
5	4.32	4.16	4.16	4.40	4.40	4.18	4.26	4.17	4.65	4.32	4.18	4.32	4.28	4.25	4.34	4.17	4.32	4.28	4.25	4.10	5
6	5.02	4.92	4.92	5.27	5.27	4.96	5.02	4.96	5.45	5.02	4.96	5.12	5.10	4.96	5.04	4.95	5.12	5.10	4.96	4.82	6
7	5.68	5.66	5.66	6.13	6.13	5.73	5.77	5.72	6.21	5.69	5.73	5.89	5.92	5.65	5.71	5.71	5.89	5.92	5.65	5.53	7
8	6.32	6.39	6.39	6.97	6.97	6.50	6.49	6.47	6.92	6.32	6.50	6.65	6.72	6.29	6.35	6.47	6.65	6.72	6.29	6.22	8
9	6.92	7.11	7.11	7.81	7.81	7.25	7.18	7.19	7.61	6.92	7.25	7.38	7.51	6.90	6.96	7.22	7.38	7.51	6.90	6.90	9
10	7.49	7.80	7.80	8.62	8.62	8.00	7.85	7.88	8.26	7.49	8.00	8.09	8.27	7.48	7.54	7.95	8.09	8.27	7.48	7.55	10
11	8.03	8.48	8.48	9.41	9.41	8.72	8.51	8.56	8.88	8.04	8.72	8.78	9.03	8.03	8.09	8.67	8.78	9.03	8.03	8.18	11
12	8.55	9.13	9.13	10.18	10.18	9.42	9.15	9.22	9.47	8.55	9.42	9.45	9.76	8.55	8.61	9.37	9.45	9.76	8.55	8.78	12
13	9.03	9.77	9.77	10.93	10.93	10.10	9.77	9.86	10.03	9.04	10.10	10.11	10.49	9.04	9.10	10.05	10.11	10.49	9.04	9.36	13
14	9.49	10.38	10.38	11.65	11.65	10.77	10.37	10.49	10.55	9.50	10.77	10.74	11.19	9.50	9.57	10.72	10.74	11.19	9.50	9.91	14
15	9.93	10.98	10.97	12.35	12.35	11.41	10.96	11.10	11.05	9.93	11.41	11.36	11.89	9.94	10.02	11.37	11.36	11.89	9.94	10.44	15
16	10.34	11.56	11.55	13.03	13.03	12.03	11.53	11.68	11.52	10.34	12.03	11.96	12.56	10.36	10.44	12.00	11.96	12.56	10.36	10.95	16
17	10.72	12.11	12.10	13.69	13.69	12.63	12.08	12.25	11.96	10.73	12.63	12.53	13.22	10.75	10.84	12.61	12.53	13.22	10.75	11.44	17
18	11.09	12.64	12.63	14.32	14.32	13.21	12.61	12.81	12.37	11.10	13.21	13.09	13.86	11.12	11.22	13.21	13.09	13.86	11.12	11.90	18
19	11.43	13.16	13.14	14.94	14.94	13.76	13.12	13.34	12.76	11.44	13.76	13.62	14.48	11.46	11.57	13.78	13.62	14.48	11.46	12.34	19
20	11.75	13.65	13.63	15.53	15.53	14.30	13.62	13.86	13.13	11.76	14.30	14.14	15.09	11.79	11.91	14.33	14.14	15.09	11.79	12.77	20
21	12.05	14.13	14.11	16.10	16.10	14.83	14.10	14.36	13.48	12.07	14.83	14.64	15.68	12.10	12.22	14.87	14.64	15.68	12.10	13.18	21
22	12.33	14.60	14.58	16.66	16.66	15.33	14.57	14.84	13.81	12.35	15.33	15.13	16.25	12.39	12.51	15.40	15.13	16.25	12.39	13.57	22
23	12.59	15.05	15.03	17.20	17.20	15.83	15.03	15.32	14.11	12.61	15.83	15.61	16.81	12.66	12.78	15.91	15.61	16.81	12.66	13.94	23
24	12.84	15.49	15.46	17.72	17.72	16.30	15.47	15.77	14.40	12.85	16.30	16.07	17.35	12.91	13.03	16.41	16.07	17.35	12.91	14.31	24
25	13.06	15.92	15.88	18.23	18.23	16.77	15.90	16.22	14.67	13.08	16.77	16.52	17.88	13.15	13.27	16.90	16.52	17.88	13.15	14.65	25

TABLE B-10a. UPW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE = 7 PERCENT

DoE Region 10 (Washington, Oregon, Idaho, Alaska)

SP	RESIDENTIAL					COMMERCIAL					INDUSTRIAL					TRANSPORTATION							
	ELEC	DIST	LPG	NATGAS	SP	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	GASLNE	SP	
1	0.89	0.92	0.92	0.93	0.93	0.89	0.91	0.93	0.93	0.94	0.88	0.91	0.93	0.93	0.95	0.88	0.91	0.93	0.93	0.93	0.95	0.91	1
2	1.72	1.77	1.78	1.80	1.81	1.72	1.77	1.81	1.80	1.82	1.69	1.77	1.81	1.80	1.84	1.69	1.77	1.81	1.80	1.80	1.84	1.76	2
3	2.50	2.60	2.60	2.61	2.65	2.50	2.59	2.65	2.62	2.65	2.45	2.59	2.66	2.62	2.68	2.45	2.59	2.66	2.62	2.68	2.68	2.58	3
4	3.23	3.39	3.40	3.41	3.46	3.23	3.40	3.46	3.43	3.43	3.17	3.39	3.48	3.45	3.48	3.17	3.39	3.48	3.45	3.48	3.48	3.36	4
5	3.92	4.16	4.16	4.19	4.24	3.92	4.17	4.24	4.23	4.17	3.86	4.17	4.27	4.26	4.24	3.86	4.17	4.27	4.26	4.24	4.24	4.10	5
6	4.58	4.91	4.91	4.94	4.99	4.58	4.95	4.99	5.01	4.88	4.52	4.94	5.03	5.06	4.95	4.52	4.94	5.03	5.06	4.95	4.95	4.82	6
7	5.22	5.64	5.65	5.68	5.72	5.22	5.71	5.72	5.76	5.54	5.16	5.70	5.78	5.85	5.63	5.16	5.70	5.78	5.85	5.63	5.63	5.53	7
8	5.80	6.36	6.37	6.39	6.42	5.80	6.46	6.42	6.50	6.17	5.73	6.45	6.50	6.61	6.28	5.73	6.45	6.50	6.61	6.28	6.28	6.21	8
9	6.35	7.07	7.07	7.09	7.10	6.35	7.21	7.10	7.22	6.76	6.29	7.19	7.19	7.37	6.89	6.29	7.19	7.19	7.37	6.89	6.89	6.88	9
10	6.88	7.75	7.75	7.77	7.75	6.88	7.94	7.75	7.93	7.33	6.83	7.91	7.87	8.11	7.47	6.83	7.91	7.87	8.11	7.47	7.47	7.53	10
11	7.39	8.41	8.42	8.43	8.38	7.39	8.64	8.38	8.61	7.86	7.34	8.62	8.52	8.84	8.01	7.34	8.62	8.52	8.84	8.01	8.01	8.16	11
12	7.87	9.06	9.06	9.06	9.00	7.87	9.33	9.00	9.28	8.37	7.83	9.31	9.15	9.55	8.53	7.83	9.31	9.15	9.55	8.53	8.53	8.75	12
13	8.32	9.68	9.68	9.68	9.60	8.32	10.00	9.60	9.93	8.84	8.29	9.98	9.77	10.24	9.02	8.29	9.98	9.77	10.24	9.02	9.02	9.33	13
14	8.75	10.28	10.29	10.28	10.18	8.75	10.65	10.18	10.56	9.30	8.73	10.64	10.37	10.92	9.49	8.73	10.64	10.37	10.92	9.49	9.49	9.88	14
15	9.15	10.87	10.87	10.87	10.75	9.15	11.28	10.75	11.17	9.72	9.15	11.28	10.95	11.59	9.92	9.15	11.28	10.95	11.59	9.92	9.92	10.40	15
16	9.53	11.43	11.43	11.43	11.31	9.54	11.89	11.31	11.77	10.13	9.54	11.90	11.52	12.24	10.34	9.54	11.90	11.52	12.24	10.34	10.34	10.91	16
17	9.89	11.98	11.97	11.98	11.84	9.90	12.47	11.84	12.34	10.51	9.91	12.51	12.06	12.87	10.73	9.91	12.51	12.06	12.87	10.73	10.73	11.39	17
18	10.23	12.50	12.50	12.50	12.35	10.24	13.04	12.35	12.90	10.87	10.26	13.09	12.59	13.49	11.09	10.26	13.09	12.59	13.49	11.09	11.09	11.85	18
19	10.55	13.01	13.00	13.01	12.85	10.56	13.59	12.85	13.44	11.20	10.60	13.65	13.09	14.09	11.44	10.60	13.65	13.09	14.09	11.44	11.44	12.29	19
20	10.85	13.49	13.48	13.51	13.33	10.86	14.11	13.33	13.96	11.52	10.91	14.20	13.58	14.67	11.77	10.91	14.20	13.58	14.67	11.77	11.77	12.71	20
21	11.13	13.97	13.95	13.98	13.80	11.14	14.62	13.80	14.47	11.82	11.20	14.73	14.06	15.24	12.07	11.20	14.73	14.06	15.24	12.07	12.07	13.12	21
22	11.39	14.42	14.41	14.45	14.25	11.40	15.12	14.25	14.96	12.10	11.47	15.25	14.52	15.79	12.36	11.47	15.25	14.52	15.79	12.36	12.36	13.50	22
23	11.64	14.87	14.85	14.89	14.69	11.64	15.61	14.69	15.44	12.37	11.72	15.76	14.97	16.33	12.63	11.72	15.76	14.97	16.33	12.63	12.63	13.88	23
24	11.86	15.30	15.28	15.33	15.12	11.87	16.07	15.12	15.90	12.61	11.96	16.25	15.40	16.85	12.89	11.96	16.25	15.40	16.85	12.89	12.89	14.24	24
25	12.07	15.71	15.69	15.75	15.54	12.08	16.53	15.54	16.35	12.85	12.18	16.73	15.82	17.36	13.13	12.18	16.73	15.82	17.36	13.13	13.13	14.58	25

TABLE B-11a. UFW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE = 7 PERCENT
 United States Average

SP	RESIDENTIAL				COMMERCIAL				INDUSTRIAL				TRANSPORTATION					
	ELEC	DIST	LPG	NATGAS	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	GASLINE	SP
1	0.94	0.92	0.91	0.93	0.94	0.91	0.93	0.93	0.95	0.94	0.91	0.93	0.94	0.96	0.94	0.91	0.91	1
2	1.83	1.78	1.77	1.83	1.83	1.76	1.81	1.82	1.84	1.83	1.76	1.81	1.84	1.87	1.83	1.76	1.76	2
3	2.65	2.60	2.60	2.70	2.67	2.59	2.65	2.68	2.69	2.66	2.59	2.67	2.72	2.74	2.66	2.59	2.58	3
4	3.42	3.40	3.39	3.56	3.43	3.39	3.47	3.53	3.49	3.43	3.39	3.50	3.59	3.57	3.43	3.39	3.36	4
5	4.12	4.16	4.16	4.40	4.14	4.16	4.26	4.36	4.25	4.13	4.17	4.31	4.46	4.36	4.13	4.17	4.10	5
6	4.78	4.91	4.91	5.23	4.81	4.93	5.03	5.19	4.97	4.79	4.94	5.11	5.33	5.12	4.79	4.94	4.82	6
7	5.40	5.65	5.65	6.05	5.42	5.69	5.78	6.00	5.65	5.40	5.70	5.89	6.19	5.84	5.40	5.70	5.52	7
8	5.97	6.37	6.38	6.86	6.00	6.43	6.51	6.81	6.29	5.97	6.44	6.66	7.05	6.52	5.97	6.44	6.21	8
9	6.50	7.07	7.09	7.65	6.53	7.17	7.22	7.60	6.90	6.50	7.18	7.40	7.90	7.18	6.50	7.18	6.88	9
10	7.00	7.75	7.78	8.43	7.03	7.89	7.90	8.37	7.48	6.99	7.90	8.13	8.74	7.79	6.99	7.90	7.53	10
11	7.47	8.42	8.46	9.18	7.51	8.59	8.57	9.12	8.02	7.46	8.61	8.84	9.56	8.38	7.46	8.61	8.15	11
12	7.91	9.06	9.11	9.91	7.96	9.27	9.21	9.85	8.54	7.90	9.29	9.52	10.36	8.93	7.90	9.29	8.75	12
13	8.33	9.68	9.74	10.62	8.38	9.93	9.84	10.57	9.03	8.33	9.97	10.19	11.15	9.46	8.33	9.97	9.32	13
14	8.73	10.29	10.35	11.31	8.78	10.57	10.46	11.26	9.49	8.73	10.62	10.84	11.92	9.96	8.73	10.62	9.87	14
15	9.11	10.87	10.94	11.98	9.17	11.19	11.06	11.94	9.93	9.11	11.26	11.46	12.68	10.43	9.11	11.26	10.39	15
16	9.47	11.44	11.51	12.62	9.52	11.79	11.64	12.59	10.34	9.47	11.88	12.07	13.41	10.87	9.47	11.88	10.90	16
17	9.80	11.98	12.06	13.25	9.86	12.37	12.20	13.22	10.73	9.81	12.48	12.66	14.13	11.28	9.81	12.48	11.38	17
18	10.12	12.50	12.59	13.85	10.18	12.93	12.74	13.83	11.09	10.13	13.07	13.23	14.82	11.68	10.13	13.07	11.84	18
19	10.42	13.01	13.10	14.44	10.48	13.47	13.26	14.42	11.44	10.43	13.63	13.77	15.50	12.05	10.43	13.63	12.28	19
20	10.70	13.50	13.59	15.00	10.77	13.99	13.76	15.00	11.76	10.72	14.17	14.30	16.16	12.39	10.72	14.17	12.70	20
21	10.96	13.97	14.07	15.55	11.03	14.50	14.25	15.55	12.07	10.98	14.71	14.81	16.80	12.72	10.98	14.71	13.10	21
22	11.20	14.42	14.53	16.08	11.28	14.99	14.73	16.09	12.35	11.23	15.22	15.31	17.43	13.03	11.23	15.22	13.49	22
23	11.43	14.87	14.98	16.59	11.51	15.47	15.19	16.62	12.62	11.46	15.73	15.79	18.04	13.32	11.46	15.73	13.86	23
24	11.64	15.30	15.41	17.09	11.72	15.93	15.65	17.13	12.88	11.68	16.22	16.26	18.63	13.59	11.68	16.22	14.22	24
25	11.84	15.72	15.83	17.57	11.92	16.38	16.08	17.62	13.12	11.88	16.70	16.72	19.21	13.85	11.88	16.70	14.57	25

TABLE B-1b. UPW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE = 10 PERCENT
 DoE Region 1 (Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island)

SP	RESIDENTIAL					COMMERCIAL					INDUSTRIAL					TRANSPORTATION			
	ELEC	DIST	LPG	NATGAS	SP	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	GASLINE	SP
1	0.92	0.89	0.89	0.91	0.91	0.92	0.89	0.91	0.90	0.92	0.92	0.89	0.91	0.91	0.92	0.92	0.89	0.89	1
2	1.78	1.70	1.70	1.77	1.74	1.78	1.70	1.74	1.77	1.76	1.79	1.70	1.74	1.79	1.77	1.69	1.69	2	
3	2.60	2.46	2.46	2.58	2.52	2.60	2.46	2.52	2.59	2.54	2.61	2.46	2.52	2.64	2.55	2.44	2.44	3	
4	3.33	3.17	3.17	3.37	3.25	3.33	3.17	3.25	3.39	3.26	3.35	3.17	3.25	3.47	3.27	3.14	3.14	4	
5	3.99	3.84	3.84	4.12	3.93	3.99	3.84	3.93	4.17	3.93	4.01	3.84	3.95	4.29	3.94	3.79	3.79	5	
6	4.59	4.47	4.47	4.84	4.59	4.59	4.49	4.59	4.92	4.54	4.62	4.49	4.61	5.07	4.55	4.40	4.40	6	
7	5.13	5.08	5.08	5.53	5.11	5.13	5.11	5.20	5.64	5.11	5.16	5.11	5.24	5.83	5.13	4.98	4.98	7	
8	5.63	5.65	5.65	6.19	5.78	5.63	5.70	5.78	6.33	5.64	5.67	5.70	5.83	6.56	5.65	5.53	5.53	8	
9	6.09	6.20	6.20	6.81	6.32	6.09	6.26	6.32	6.99	6.12	6.13	6.27	6.39	7.26	6.14	6.05	6.05	9	
10	6.50	6.71	6.72	7.40	6.83	6.50	6.80	6.83	7.62	6.57	6.54	6.81	6.92	7.92	6.59	6.54	6.54	10	
11	6.88	7.20	7.20	7.96	7.32	6.88	7.30	7.32	8.22	6.99	6.93	7.32	7.41	8.55	7.00	6.99	6.99	11	
12	7.22	7.66	7.66	8.48	7.78	7.22	7.78	7.78	8.71	7.37	7.28	7.80	7.89	9.15	7.38	7.42	7.42	12	
13	7.55	8.09	8.09	8.98	8.21	7.55	8.23	8.21	9.31	7.72	7.61	8.26	8.33	9.73	7.73	7.82	7.82	13	
14	7.84	8.50	8.50	9.45	8.63	7.84	8.66	8.63	9.82	8.04	7.91	8.70	8.75	10.27	8.06	8.19	8.19	14	
15	8.11	8.89	8.89	9.89	9.02	8.12	9.06	9.02	10.29	8.33	8.19	9.12	9.15	10.79	8.35	8.54	8.54	15	
16	8.36	9.25	9.25	10.30	9.38	8.37	9.44	9.38	10.74	8.61	8.44	9.51	9.53	11.29	8.63	8.86	8.86	16	
17	8.59	9.59	9.58	10.69	9.73	8.59	9.80	9.73	11.17	8.86	8.68	9.88	9.88	11.75	8.88	9.16	9.16	17	
18	8.80	9.90	9.90	11.06	10.05	8.80	10.13	10.05	11.56	9.08	8.89	10.23	10.21	12.19	9.10	9.44	9.44	18	
19	9.00	10.20	10.19	11.41	10.36	9.00	10.44	10.36	11.94	9.29	9.09	10.56	10.52	12.61	9.31	9.70	9.70	19	
20	9.17	10.48	10.47	11.73	10.64	9.17	10.74	10.64	12.29	9.48	9.27	10.86	10.81	13.01	9.50	9.94	9.94	20	
21	9.33	10.74	10.73	12.04	10.92	9.33	11.01	10.92	12.63	9.66	9.44	11.16	11.08	13.38	9.68	10.16	10.16	21	
22	9.48	10.99	10.98	12.33	11.17	9.48	11.28	11.17	12.94	9.82	9.59	11.43	11.34	13.74	9.84	10.37	10.37	22	
23	9.61	11.22	11.21	12.60	11.41	9.61	11.52	11.41	13.24	9.97	9.73	11.70	11.59	14.07	9.99	10.57	10.57	23	
24	9.73	11.44	11.43	12.85	11.64	9.73	11.76	11.64	13.52	10.10	9.85	11.95	11.82	14.39	10.12	10.75	10.75	24	
25	9.83	11.65	11.64	13.09	11.86	9.84	11.98	11.86	13.78	10.22	9.96	12.18	12.04	14.69	10.25	10.93	10.93	25	
*** Extended Series ***																			
26	9.93	11.85	11.83	13.32	12.07	9.93	12.19	12.07	14.03	10.34	10.06	12.41	12.25	14.98	10.36	11.09	11.09	26	
27	10.02	12.03	12.02	13.54	12.26	10.02	12.39	12.26	14.27	10.44	10.15	12.62	12.44	15.25	10.46	11.24	11.24	27	
28	10.10	12.21	12.19	13.74	12.45	10.10	12.57	12.45	14.49	10.54	10.24	12.82	12.63	15.51	10.56	11.38	11.38	28	
29	10.17	12.37	12.35	13.93	12.62	10.17	12.75	12.62	14.70	10.62	10.31	13.01	12.80	15.75	10.65	11.51	11.51	29	
30	10.23	12.53	12.51	14.11	12.79	10.24	12.92	12.79	14.90	10.70	10.38	13.19	12.97	15.98	10.73	11.63	11.63	30	

TABLE B-2b. UFW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL, PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE = 10 PERCENT
 DoE Region 2 (New York, New Jersey, Puerto Rico, Virgin Islands)

SP	RESIDENTIAL					COMMERCIAL					INDUSTRIAL					TRANSPORTATION					
	ELEC	DIST	LPG	NATGAS	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	GASLINE	SP
1	0.89	0.89	0.89	0.91	0.89	0.89	0.91	0.91	0.92	0.89	0.89	0.91	0.91	0.92	0.89	0.89	0.91	0.91	0.92	0.89	1
2	1.73	1.70	1.70	1.75	1.73	1.70	1.74	1.74	1.77	1.73	1.70	1.74	1.74	1.77	1.73	1.70	1.74	1.74	1.77	1.69	2
3	2.52	2.46	2.46	2.53	2.52	2.46	2.52	2.52	2.54	2.52	2.46	2.52	2.52	2.56	2.53	2.46	2.52	2.52	2.56	2.45	3
4	3.23	3.17	3.17	3.28	3.23	3.17	3.25	3.26	3.26	3.23	3.17	3.25	3.26	3.29	3.24	3.17	3.26	3.33	3.29	3.14	4
5	3.85	3.84	3.84	3.98	3.86	3.85	3.94	3.97	3.92	3.87	3.84	3.96	4.07	3.97	3.87	3.84	3.96	4.07	3.97	3.79	5
6	4.42	4.47	4.47	4.65	4.42	4.49	4.60	4.64	4.53	4.43	4.49	4.62	4.78	4.59	4.43	4.49	4.62	4.78	4.59	4.40	6
7	4.92	5.07	5.07	5.28	4.92	5.12	5.21	5.28	5.09	4.94	5.11	5.25	5.45	5.16	4.94	5.11	5.25	5.45	5.16	4.98	7
8	5.38	5.65	5.65	5.88	5.38	5.71	5.80	5.89	5.61	5.39	5.70	5.85	6.10	5.69	5.39	5.70	5.85	6.10	5.69	5.53	8
9	5.79	6.19	6.19	6.45	5.79	6.28	6.35	6.47	6.08	5.80	6.27	6.41	6.71	6.18	5.80	6.27	6.41	6.71	6.18	6.05	9
10	6.17	6.70	6.70	6.98	6.17	6.82	6.86	7.01	6.52	6.17	6.81	6.94	7.29	6.63	6.17	6.81	6.94	7.29	6.63	6.54	10
11	6.51	7.19	7.18	7.49	6.51	7.33	7.35	7.53	6.92	6.52	7.32	7.44	7.84	7.04	6.52	7.32	7.44	7.84	7.04	7.00	11
12	6.83	7.65	7.64	7.97	6.83	7.81	7.82	8.02	7.29	6.84	7.81	7.91	8.37	7.42	6.84	7.81	7.91	8.37	7.42	7.43	12
13	7.13	8.08	8.07	8.42	7.13	8.27	8.26	8.49	7.63	7.13	8.27	8.36	8.87	7.77	7.13	8.27	8.36	8.87	7.77	7.83	13
14	7.40	8.48	8.48	8.84	7.40	8.70	8.68	8.93	7.94	7.40	8.71	8.78	9.35	8.09	7.40	8.71	8.78	9.35	8.09	8.20	14
15	7.64	8.87	8.86	9.24	7.64	9.11	9.07	9.35	8.23	7.65	9.12	9.18	9.81	8.39	7.65	9.12	9.18	9.81	8.39	8.55	15
16	7.87	9.23	9.22	9.62	7.87	9.49	9.44	9.74	8.49	7.88	9.52	9.56	10.24	8.66	7.88	9.52	9.56	10.24	8.66	8.87	16
17	8.08	9.56	9.55	9.98	8.08	9.85	9.79	10.11	8.74	8.09	9.89	9.91	10.65	8.91	8.09	9.89	9.91	10.65	8.91	9.17	17
18	8.27	9.88	9.86	10.31	8.27	10.18	10.12	10.46	8.96	8.29	10.23	10.24	11.03	9.14	8.29	10.23	10.24	11.03	9.14	9.45	18
19	8.45	10.17	10.16	10.63	8.45	10.50	10.43	10.78	9.16	8.46	10.56	10.55	11.40	9.35	8.46	10.56	10.55	11.40	9.35	9.71	19
20	8.61	10.45	10.43	10.92	8.61	10.80	10.72	11.09	9.35	8.63	10.87	10.85	11.75	9.54	8.63	10.87	10.85	11.75	9.54	9.95	20
21	8.76	10.71	10.69	11.20	8.75	11.08	10.99	11.38	9.52	8.78	11.16	11.12	12.07	9.72	8.78	11.16	11.12	12.07	9.72	10.18	21
22	8.89	10.96	10.94	11.46	8.89	11.34	11.25	11.66	9.67	8.91	11.44	11.38	12.38	9.88	8.91	11.44	11.38	12.38	9.88	10.39	22
23	9.01	11.19	11.17	11.71	9.01	11.59	11.49	11.92	9.82	9.03	11.71	11.63	12.68	10.02	9.03	11.71	11.63	12.68	10.02	10.58	23
24	9.11	11.41	11.39	11.94	9.11	11.83	11.73	12.16	9.95	9.14	11.95	11.86	12.96	10.16	9.14	11.95	11.86	12.96	10.16	10.77	24
25	9.21	11.62	11.59	12.16	9.21	12.05	11.95	12.39	10.07	9.24	12.19	12.08	13.22	10.28	9.24	12.19	12.08	13.22	10.28	10.94	25

*** Extended Series ***

26	9.30	11.81	11.79	12.37	9.30	12.26	12.15	12.61	10.18	9.33	12.42	12.29	13.47	10.40	9.33	12.42	12.29	13.47	10.40	11.10	26
27	9.38	12.00	11.97	12.56	9.38	12.46	12.35	12.82	10.28	9.42	12.63	12.49	13.71	10.50	9.42	12.63	12.49	13.71	10.50	11.25	27
28	9.45	12.17	12.14	12.75	9.45	12.65	12.54	13.01	10.37	9.49	12.83	12.67	13.94	10.59	9.49	12.83	12.67	13.94	10.59	11.40	28
29	9.52	12.34	12.31	12.92	9.52	12.83	12.71	13.19	10.45	9.56	13.02	12.85	14.15	10.68	9.56	13.02	12.85	14.15	10.68	11.53	29
30	9.58	12.49	12.46	13.08	9.58	12.99	12.88	13.37	10.53	9.62	13.20	13.01	14.35	10.76	9.62	13.20	13.01	14.35	10.76	11.65	30

TABLE B-3b. UPW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE = 10 PERCENT
 DoE Region 3 (Pennsylvania, Maryland, West Virginia, Virginia, District of Columbia, Delaware)

SP	RESIDENTIAL					COMMERCIAL					INDUSTRIAL					TRANSPORTATION					
	ELEC	DIST	LPG	NATGAS	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	GASLINE	SP
1	0.90	0.89	0.89	0.91	0.90	0.89	0.91	0.91	0.92	0.89	0.89	0.91	0.91	0.92	0.89	0.89	0.91	0.91	0.92	0.89	1
2	1.72	1.70	1.70	1.76	1.72	1.70	1.74	1.75	1.77	1.72	1.70	1.74	1.75	1.77	1.72	1.70	1.74	1.76	1.76	1.69	2
3	2.47	2.46	2.46	2.56	2.47	2.46	2.52	2.53	2.55	2.47	2.46	2.52	2.53	2.55	2.47	2.46	2.52	2.56	2.54	2.45	3
4	3.14	3.17	3.17	3.32	3.14	3.18	3.25	3.28	3.27	3.14	3.17	3.25	3.28	3.27	3.14	3.17	3.27	3.33	3.26	3.14	4
5	3.75	3.84	3.84	4.04	3.75	3.85	3.95	3.99	3.93	3.74	3.85	3.97	4.08	3.92	3.74	3.85	3.97	4.08	3.92	3.79	5
6	4.29	4.47	4.47	4.72	4.29	4.51	4.61	4.66	4.54	4.28	4.50	4.64	4.78	4.54	4.28	4.50	4.64	4.78	4.54	4.40	6
7	4.79	5.08	5.08	5.36	4.79	5.13	5.24	5.29	5.10	4.78	5.12	5.28	5.45	5.10	4.78	5.12	5.28	5.45	5.10	4.98	7
8	5.25	5.66	5.66	5.97	5.25	5.74	5.83	5.89	5.62	5.23	5.72	5.89	6.09	5.62	5.23	5.72	5.89	6.09	5.62	5.53	8
9	5.66	6.20	6.20	6.55	5.66	6.31	6.38	6.46	6.09	5.65	6.29	6.46	6.70	6.10	5.65	6.29	6.46	6.70	6.10	6.05	9
10	6.04	6.72	6.72	7.09	6.04	6.86	6.91	7.00	6.53	6.03	6.83	7.00	7.27	6.54	6.03	6.83	7.00	7.27	6.54	6.54	10
11	6.39	7.21	7.21	7.61	6.39	7.38	7.41	7.51	6.94	6.37	7.35	7.51	7.81	6.94	6.37	7.35	7.51	7.81	6.94	7.00	11
12	6.72	7.67	7.67	8.09	6.72	7.87	7.88	7.99	7.31	6.70	7.84	8.00	8.33	7.32	6.70	7.84	8.00	8.33	7.32	7.43	12
13	7.01	8.11	8.11	8.55	7.01	8.34	8.33	8.45	7.65	7.00	8.31	8.46	8.83	7.66	7.00	8.31	8.46	8.83	7.66	7.83	13
14	7.29	8.52	8.51	8.98	7.29	8.77	8.75	8.88	7.96	7.27	8.75	8.89	9.30	7.98	7.27	8.75	8.89	9.30	7.98	8.20	14
15	7.54	8.90	8.89	9.39	7.54	9.19	9.15	9.28	8.25	7.53	9.17	9.30	9.75	8.27	7.53	9.17	9.30	9.75	8.27	8.55	15
16	7.77	9.26	9.25	9.77	7.77	9.58	9.53	9.67	8.52	7.76	9.57	9.68	10.17	8.54	7.76	9.57	9.68	10.17	8.54	8.87	16
17	7.98	9.60	9.59	10.14	7.98	9.94	9.88	10.03	8.76	7.97	9.94	10.05	10.58	8.78	7.97	9.94	10.05	10.58	8.78	9.17	17
18	8.17	9.92	9.91	10.47	8.17	10.28	10.22	10.37	8.98	8.17	10.29	10.38	10.96	9.01	8.17	10.29	10.38	10.96	9.01	9.45	18
19	8.35	10.22	10.21	10.79	8.35	10.60	10.53	10.69	9.19	8.35	10.62	10.70	11.32	9.21	8.35	10.62	10.70	11.32	9.21	9.71	19
20	8.51	10.50	10.48	11.09	8.52	10.91	10.83	10.99	9.38	8.52	10.94	11.00	11.66	9.40	8.52	10.94	11.00	11.66	9.40	9.95	20
21	8.66	10.76	10.75	11.38	8.66	11.19	11.10	11.28	9.55	8.67	11.23	11.28	11.98	9.57	8.67	11.23	11.28	11.98	9.57	10.18	21
22	8.79	11.01	10.99	11.64	8.80	11.46	11.37	11.55	9.70	8.81	11.51	11.55	12.29	9.73	8.81	11.51	11.55	12.29	9.73	10.39	22
23	8.91	11.25	11.23	11.89	8.92	11.71	11.62	11.80	9.85	8.93	11.78	11.80	12.58	9.87	8.93	11.78	11.80	12.58	9.87	10.59	23
24	9.02	11.47	11.45	12.13	9.03	11.95	11.85	12.04	9.98	9.04	12.03	12.04	12.86	10.01	9.04	12.03	12.04	12.86	10.01	10.77	24
25	9.12	11.68	11.65	12.35	9.13	12.18	12.08	12.27	10.10	9.14	12.27	12.27	13.12	10.13	9.14	12.27	12.27	13.12	10.13	10.94	25
*** Extended Series ***																					
26	9.21	11.87	11.85	12.56	9.22	12.40	12.29	12.48	10.21	9.24	12.49	12.48	13.36	10.24	9.24	12.49	12.48	13.36	10.24	11.11	26
27	9.29	12.06	12.03	12.76	9.30	12.60	12.49	12.68	10.31	9.32	12.71	12.68	13.60	10.34	9.32	12.71	12.68	13.60	10.34	11.26	27
28	9.37	12.24	12.21	12.95	9.37	12.79	12.68	12.87	10.40	9.40	12.91	12.87	13.82	10.43	9.40	12.91	12.87	13.82	10.43	11.40	28
29	9.43	12.40	12.37	13.12	9.44	12.97	12.86	13.05	10.49	9.46	13.11	13.05	14.03	10.52	9.46	13.11	13.05	14.03	10.52	11.53	29
30	9.49	12.56	12.53	13.29	9.50	13.14	13.03	13.22	10.56	9.53	13.29	13.22	14.23	10.60	9.53	13.29	13.22	14.23	10.60	11.65	30

TABLE B-4b. UPW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE = 10 PERCENT

DoE Region 4 (Kentucky, Tennessee, North Carolina, South Carolina, Mississippi, Alabama, Georgia, Florida, Canal Zone)

SP	RESIDENTIAL				COMMERCIAL				INDUSTRIAL				TRANSPORTATION			
	ELEC	DIST	LPG	NATGAS	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	GASLINE	SP
1	0.89	0.89	0.89	0.91	0.89	0.89	0.91	0.90	0.92	0.89	0.89	0.91	0.90	0.92	0.89	1
2	1.69	1.70	1.70	1.77	1.69	1.69	1.74	1.74	1.77	1.69	1.70	1.74	1.74	1.78	1.69	2
3	2.42	2.46	2.46	2.59	2.42	2.45	2.52	2.55	2.56	2.41	2.46	2.53	2.56	2.56	2.44	3
4	3.08	3.17	3.17	3.38	3.08	3.17	3.25	3.32	3.28	3.07	3.17	3.28	3.35	3.29	3.14	4
5	3.68	3.84	3.84	4.16	3.68	3.85	3.95	4.08	3.95	3.66	3.85	3.99	4.12	3.97	3.79	5
6	4.21	4.47	4.48	4.90	4.21	4.50	4.60	4.81	4.56	4.19	4.50	4.67	4.88	4.59	4.40	6
7	4.70	5.08	5.08	5.62	4.70	5.14	5.22	5.53	5.13	4.67	5.13	5.32	5.62	5.17	4.98	7
8	5.13	5.66	5.66	6.32	5.13	5.74	5.81	6.21	5.65	5.10	5.73	5.94	6.34	5.70	5.53	8
9	5.51	6.20	6.21	6.99	5.51	6.32	6.36	6.88	6.13	5.48	6.31	6.52	7.04	6.19	6.06	9
10	5.86	6.72	6.72	7.63	5.86	6.87	6.88	7.51	6.57	5.81	6.86	7.08	7.71	6.65	6.55	10
11	6.17	7.21	7.21	8.23	6.18	7.40	7.38	8.12	6.98	6.13	7.38	7.60	8.35	7.07	7.01	11
12	6.46	7.67	7.67	8.80	6.47	7.89	7.85	8.69	7.35	6.41	7.88	8.10	8.95	7.45	7.44	12
13	6.73	8.11	8.11	9.34	6.74	8.36	8.29	9.22	7.70	6.68	8.35	8.57	9.53	7.81	7.84	13
14	6.98	8.52	8.52	9.85	6.99	8.80	8.71	9.73	8.02	6.93	8.79	9.01	10.08	8.14	8.21	14
15	7.21	8.90	8.90	10.33	7.21	9.22	9.11	10.22	8.31	7.15	9.22	9.43	10.61	8.44	8.56	15
16	7.42	9.26	9.26	10.78	7.42	9.61	9.48	10.67	8.58	7.36	9.62	9.82	11.11	8.71	8.89	16
17	7.61	9.60	9.60	11.20	7.62	9.98	9.83	11.10	8.82	7.55	9.99	10.19	11.58	8.97	9.19	17
18	7.78	9.92	9.92	11.60	7.79	10.32	10.16	11.50	9.05	7.73	10.35	10.54	12.02	9.20	9.47	18
19	7.94	10.22	10.22	11.97	7.95	10.65	10.47	11.88	9.25	7.89	10.68	10.87	12.44	9.41	9.73	19
20	8.09	10.50	10.50	12.33	8.10	10.95	10.76	12.24	9.44	8.04	11.00	11.17	12.84	9.60	9.97	20
21	8.23	10.76	10.76	12.66	8.23	11.24	11.04	12.58	9.61	8.17	11.30	11.46	13.22	9.78	10.20	21
22	8.35	11.01	11.01	12.97	8.36	11.51	11.30	12.90	9.77	8.30	11.58	11.74	13.58	9.94	10.41	22
23	8.46	11.25	11.24	13.27	8.46	11.77	11.55	13.20	9.92	8.41	11.85	11.99	13.92	10.09	10.61	23
24	8.55	11.47	11.46	13.54	8.56	12.01	11.78	13.48	10.05	8.51	12.10	12.24	14.24	10.23	10.79	24
25	8.64	11.68	11.67	13.81	8.65	12.24	12.00	13.75	10.17	8.60	12.34	12.47	14.55	10.35	10.97	25
26	8.73	11.87	11.86	14.05	8.74	12.45	12.21	14.00	10.28	8.68	12.57	12.69	14.84	10.47	11.13	26
27	8.80	12.06	12.05	14.29	8.81	12.66	12.41	14.24	10.38	8.76	12.79	12.89	15.11	10.57	11.28	27
28	8.87	12.24	12.22	14.50	8.88	12.85	12.60	14.46	10.48	8.82	12.99	13.09	15.37	10.67	11.42	28
29	8.93	12.40	12.39	14.71	8.94	13.03	12.77	14.68	10.56	8.89	13.19	13.27	15.62	10.76	11.56	29
30	8.98	12.56	12.54	14.90	8.99	13.21	12.94	14.88	10.64	8.94	13.37	13.45	15.85	10.84	11.68	30

*** Extended Series ***

TABLE B-5b. UPW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE = 10 PERCENT

DoE Region 5 (Minnesota, Wisconsin, Michigan, Illinois, Indiana, Ohio)

SP	RESIDENTIAL					COMMERCIAL					INDUSTRIAL					TRANSPORTATION							
	ELEC	DIST	LPG	NATGAS	SP	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	GASLNE	SP	
1	0.93	0.89	0.89	0.92	0.92	0.93	0.89	0.91	0.91	0.92	0.94	0.89	0.91	0.91	0.92	0.94	0.89	0.91	0.91	0.91	0.92	0.89	1
2	1.79	1.70	1.70	1.76	1.77	1.79	1.69	1.74	1.74	1.77	1.81	1.70	1.74	1.74	1.76	1.81	1.70	1.74	1.74	1.75	1.76	1.70	2
3	2.56	2.46	2.46	2.56	2.54	2.56	2.45	2.52	2.52	2.54	2.58	2.46	2.54	2.54	2.54	2.58	2.46	2.54	2.54	2.54	2.54	2.45	3
4	3.25	3.17	3.17	3.32	3.26	3.25	3.17	3.24	3.24	3.26	3.26	3.17	3.24	3.24	3.26	3.26	3.17	3.24	3.24	3.26	3.25	3.14	4
5	3.85	3.84	3.84	4.05	3.92	3.85	3.85	3.92	3.92	3.92	3.87	3.85	3.92	3.92	3.91	3.87	3.85	3.92	3.92	4.03	3.91	3.79	5
6	4.39	4.48	4.48	4.75	4.53	4.39	4.50	4.57	4.57	4.53	4.40	4.49	4.74	4.74	4.52	4.40	4.49	4.74	4.74	4.74	4.40	4.40	6
7	4.88	5.09	5.09	5.42	5.09	4.88	5.13	5.17	5.17	5.09	4.88	5.12	5.41	5.41	5.07	4.88	5.12	5.41	5.41	5.42	5.07	4.98	7
8	5.31	5.67	5.67	6.07	5.61	5.31	5.74	5.74	5.74	5.61	5.30	5.71	6.06	6.06	5.59	5.30	5.71	6.06	6.06	6.08	5.59	5.52	8
9	5.69	6.23	6.23	6.70	6.08	5.69	6.32	6.27	6.27	6.08	5.68	6.28	6.67	6.67	6.06	5.68	6.28	6.67	6.67	6.72	6.06	6.04	9
10	6.04	6.75	6.75	7.30	6.52	6.04	6.87	6.77	6.77	6.52	6.02	6.82	7.26	7.26	6.49	6.02	6.82	7.26	7.26	7.33	6.49	6.53	10
11	6.36	7.25	7.25	7.86	6.92	6.36	7.39	7.25	7.25	6.92	6.33	7.34	7.82	7.82	6.89	6.33	7.34	7.82	7.82	7.91	6.89	6.98	11
12	6.65	7.71	7.71	8.39	7.29	6.65	7.88	7.69	7.69	7.29	6.62	7.83	8.35	8.35	7.25	6.62	7.83	8.35	8.35	8.47	7.25	7.41	12
13	6.92	8.15	8.15	8.89	7.63	6.92	8.35	8.12	8.12	7.63	6.88	8.29	8.84	8.84	7.59	6.88	8.29	8.84	8.84	8.99	7.59	7.81	13
14	7.17	8.57	8.57	9.37	7.94	7.17	8.79	8.52	8.52	7.94	7.13	8.73	9.32	9.32	7.90	7.13	8.73	9.32	9.32	9.50	7.90	8.18	14
15	7.40	8.96	8.96	9.82	8.23	7.40	9.20	8.90	8.90	8.23	7.36	9.15	9.76	9.76	8.18	7.36	9.15	9.76	9.76	9.98	8.18	8.52	15
16	7.61	9.33	9.33	10.24	8.49	7.61	9.59	9.26	9.26	8.49	7.57	9.55	10.18	10.18	8.44	7.57	9.55	10.18	10.18	10.43	8.44	8.84	16
17	7.80	9.67	9.67	10.64	8.74	7.80	9.96	9.60	9.60	8.74	7.76	9.92	10.57	10.57	8.68	7.76	9.92	10.57	10.57	10.86	8.68	9.14	17
18	7.98	9.99	9.99	11.01	8.96	7.98	10.30	9.92	9.92	8.96	7.93	10.27	10.94	10.94	8.90	7.93	10.27	10.94	10.94	11.27	8.90	9.42	18
19	8.14	10.29	10.29	11.36	9.16	8.14	10.63	10.21	10.21	9.16	8.10	10.60	11.28	11.28	9.10	8.10	10.60	11.28	11.28	11.65	9.10	9.67	19
20	8.29	10.58	10.58	11.69	9.35	8.29	10.93	10.49	10.49	9.35	8.24	10.91	11.61	11.61	9.29	8.24	10.91	11.61	11.61	12.02	9.29	9.91	20
21	8.42	10.84	10.84	12.00	9.52	8.42	11.22	10.76	10.76	9.52	8.38	11.20	11.92	11.92	9.46	8.38	11.20	11.92	11.92	12.36	9.46	10.14	21
22	8.54	11.10	11.10	12.29	9.67	8.54	11.49	11.01	11.01	9.67	8.50	11.48	12.21	12.21	9.61	8.50	11.48	12.21	12.21	12.69	9.61	10.35	22
23	8.65	11.33	11.33	12.57	9.82	8.65	11.74	11.25	11.25	9.82	8.61	11.75	12.48	12.48	9.75	8.61	11.75	12.48	12.48	13.00	9.75	10.54	23
24	8.75	11.56	11.56	12.83	9.95	8.75	11.98	11.47	11.47	9.95	8.71	12.00	12.74	12.74	9.88	8.71	12.00	12.74	12.74	13.29	9.88	10.73	24
25	8.84	11.77	11.77	13.07	10.07	8.84	12.21	11.68	11.68	10.07	8.80	12.24	12.98	12.98	10.00	8.80	12.24	12.98	12.98	13.57	10.00	10.90	25
*** Extended Series ***																							
26	8.92	11.97	11.94	13.30	10.18	8.92	12.43	11.89	11.89	10.18	8.89	12.46	13.22	13.22	10.11	8.89	12.46	13.22	13.83	10.11	11.06	26	
27	9.00	12.16	12.12	13.52	10.28	8.99	12.63	12.08	12.08	10.28	8.96	12.68	13.43	13.43	10.21	8.96	12.68	13.43	14.08	10.21	11.21	27	
28	9.06	12.34	12.30	13.72	10.37	9.06	12.82	12.26	12.26	10.37	9.03	12.88	13.64	13.64	10.30	9.03	12.88	13.64	14.32	10.30	11.35	28	
29	9.13	12.50	12.47	13.92	10.45	9.12	13.01	12.43	12.43	10.45	9.09	13.07	13.84	13.84	10.38	9.09	13.07	13.84	14.55	10.38	11.48	29	
30	9.18	12.66	12.62	14.10	10.53	9.18	13.18	12.59	12.59	10.53	9.15	13.26	14.02	14.02	10.46	9.15	13.26	14.02	14.76	10.46	11.60	30	

TABLE B-6b. UPW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE = 10 PERCENT
 DoE Region 6 (Texas, New Mexico, Oklahoma, Arkansas, Louisiana)

SP	RESIDENTIAL					COMMERCIAL					INDUSTRIAL					TRANSPORTATION						
	ELEC	DIST	LPG	NATGAS	SP	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	GASLINE	SP
1	0.94	0.89	0.89	0.93	1	0.94	0.89	0.91	0.92	0.93	0.94	0.89	0.91	0.93	0.93	0.94	0.89	0.91	0.93	0.93	0.89	1
2	1.80	1.70	1.70	1.82	2	1.80	1.69	1.74	1.79	1.77	1.81	1.69	1.74	1.82	1.79	1.81	1.69	1.74	1.82	1.79	1.69	2
3	2.60	2.46	2.46	2.66	3	2.60	2.46	2.52	2.60	2.55	2.61	2.46	2.54	2.67	2.59	2.61	2.46	2.54	2.67	2.59	2.44	3
4	3.32	3.17	3.18	3.47	4	3.32	3.18	3.27	3.38	3.26	3.34	3.17	3.29	3.48	3.33	3.34	3.17	3.29	3.48	3.33	3.14	4
5	3.97	3.85	3.85	4.24	5	3.98	3.86	3.97	4.12	3.93	4.00	3.85	4.02	4.27	4.02	4.00	3.85	4.02	4.27	4.02	3.79	5
6	4.58	4.50	4.51	4.99	6	4.58	4.52	4.64	4.84	4.54	4.62	4.51	4.71	5.05	4.65	4.62	4.51	4.71	5.05	4.65	4.40	6
7	5.13	5.13	5.14	5.71	7	5.14	5.16	5.28	5.53	5.10	5.18	5.14	5.37	5.81	5.24	5.18	5.14	5.37	5.81	5.24	4.99	7
8	5.65	5.73	5.74	6.40	8	5.66	5.77	5.88	6.20	5.62	5.70	5.75	6.01	6.54	5.79	5.70	5.75	6.01	6.54	5.79	5.54	8
9	6.12	6.31	6.31	7.07	9	6.13	6.36	6.46	6.84	6.09	6.18	6.33	6.61	7.26	6.29	6.18	6.33	6.61	7.26	6.29	6.07	9
10	6.55	6.86	6.86	7.70	10	6.57	6.92	7.00	7.45	6.54	6.63	6.88	7.18	7.95	6.75	6.63	6.88	7.18	7.95	6.75	6.56	10
11	6.96	7.38	7.38	8.31	11	6.97	7.46	7.51	8.04	6.94	7.04	7.41	7.72	8.61	7.17	7.04	7.41	7.72	8.61	7.17	7.03	11
12	7.33	7.87	7.87	8.87	12	7.34	7.96	8.00	8.59	7.32	7.42	7.91	8.23	9.24	7.57	7.42	7.91	8.23	9.24	7.57	7.46	12
13	7.67	8.33	8.33	9.41	13	7.68	8.44	8.46	9.11	7.67	7.77	8.39	8.72	9.84	7.93	7.77	8.39	8.72	9.84	7.93	7.86	13
14	7.98	8.76	8.76	9.92	14	8.00	8.89	8.89	9.61	7.98	8.10	8.84	9.18	10.41	8.26	8.10	8.84	9.18	10.41	8.26	8.24	14
15	8.27	9.17	9.17	10.40	15	8.29	9.31	9.31	10.08	8.28	8.39	9.27	9.61	10.95	8.57	8.39	9.27	9.61	10.95	8.57	8.59	15
16	8.54	9.56	9.56	10.85	16	8.55	9.71	9.70	10.52	8.54	8.67	9.68	10.01	11.47	8.85	8.67	9.68	10.01	11.47	8.85	8.92	16
17	8.78	9.92	9.92	11.27	17	8.80	10.08	10.06	10.93	8.79	8.92	10.06	10.40	11.95	9.11	8.92	10.06	10.40	11.95	9.11	9.22	17
18	9.00	10.26	10.25	11.67	18	9.02	10.44	10.40	11.32	9.01	9.15	10.42	10.75	12.41	9.34	9.15	10.42	10.75	12.41	9.34	9.50	18
19	9.20	10.57	10.57	12.04	19	9.23	10.76	10.73	11.69	9.22	9.37	10.76	11.09	12.85	9.56	9.37	10.76	11.09	12.85	9.56	9.76	19
20	9.39	10.87	10.86	12.39	20	9.41	11.07	11.03	12.04	9.41	9.56	11.08	11.41	13.26	9.75	9.56	11.08	11.41	13.26	9.75	10.01	20
21	9.56	11.15	11.14	12.72	21	9.58	11.37	11.32	12.36	9.58	9.74	11.38	11.71	13.65	9.93	9.74	11.38	11.71	13.65	9.93	10.24	21
22	9.71	11.41	11.40	13.04	22	9.74	11.64	11.59	12.67	9.74	9.90	11.66	11.99	14.02	10.10	9.90	11.66	11.99	14.02	10.10	10.45	22
23	9.85	11.66	11.65	13.33	23	9.88	11.90	11.85	12.96	9.88	10.04	11.94	12.25	14.38	10.25	10.04	11.94	12.25	14.38	10.25	10.65	23
24	9.98	11.90	11.88	13.61	24	10.01	12.15	12.09	13.24	10.02	10.18	12.19	12.51	14.71	10.39	10.18	12.19	12.51	14.71	10.39	10.84	24
25	10.09	12.12	12.10	13.87	25	10.12	12.38	12.32	13.50	10.14	10.30	12.44	12.74	15.02	10.52	10.30	12.44	12.74	15.02	10.52	11.01	25
*** Extended Series ***																						
26	10.20	12.33	12.31	14.11	26	10.22	12.60	12.54	13.74	10.25	10.41	12.67	12.97	15.32	10.63	10.41	12.67	12.97	15.32	10.63	11.17	26
27	10.29	12.52	12.51	14.34	27	10.32	12.81	12.74	13.97	10.35	10.50	12.89	13.18	15.61	10.74	10.50	12.89	13.18	15.61	10.74	11.33	27
28	10.37	12.71	12.69	14.56	28	10.40	13.01	12.94	14.19	10.44	10.59	13.10	13.38	15.88	10.84	10.59	13.10	13.38	15.88	10.84	11.47	28
29	10.45	12.89	12.87	14.77	29	10.48	13.19	13.12	14.40	10.53	10.68	13.29	13.57	16.13	10.93	10.68	13.29	13.57	16.13	10.93	11.60	29
30	10.52	13.05	13.03	14.96	30	10.55	13.37	13.30	14.59	10.61	10.75	13.48	13.75	16.37	11.01	10.75	13.48	13.75	16.37	11.01	11.73	30

TABLE B-7b. UPW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE = 10 PERCENT
 DoE Region 7 (Kansas, Missouri, Iowa, Nebraska)

SP	RESIDENTIAL					COMMERCIAL					INDUSTRIAL					TRANSPORTATION							
	ELEC	DIST	LPG	NATGAS	SP	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	GASLINE	SP	
1	0.95	0.89	0.89	0.91	0.91	0.95	0.89	0.91	0.90	0.92	0.96	0.89	0.91	0.90	0.93	0.96	0.89	0.91	0.90	0.90	0.93	0.89	1
2	1.79	1.70	1.70	1.76	1.74	1.80	1.69	1.74	1.76	1.76	1.80	1.70	1.74	1.75	1.79	1.80	1.70	1.74	1.75	1.75	1.79	1.69	2
3	2.53	2.46	2.46	2.59	2.51	2.54	2.45	2.51	2.53	2.53	2.54	2.46	2.54	2.57	2.58	2.54	2.46	2.54	2.57	2.58	2.44	2.44	3
4	3.19	3.17	3.17	3.37	3.23	3.19	3.17	3.23	3.24	3.24	3.19	3.18	3.30	3.35	3.31	3.19	3.18	3.30	3.35	3.31	3.14	3.14	4
5	3.77	3.84	3.84	4.14	3.90	3.77	3.85	3.90	3.89	3.89	3.77	3.85	4.03	4.11	3.98	3.77	3.85	4.03	4.11	3.98	3.79	3.79	5
6	4.30	4.49	4.49	4.87	4.52	4.30	4.51	4.52	4.49	4.49	4.29	4.51	4.74	4.86	4.61	4.29	4.51	4.74	4.86	4.61	4.40	4.40	6
7	4.78	5.10	5.10	5.59	5.11	4.78	5.15	5.11	5.62	5.04	4.76	5.13	5.42	5.58	5.18	4.76	5.13	5.42	5.58	5.18	4.98	4.98	7
8	5.20	5.69	5.69	6.28	5.65	5.20	5.76	5.65	6.32	5.54	5.18	5.73	6.07	6.27	5.71	5.18	5.73	6.07	6.27	5.71	5.54	5.54	8
9	5.58	6.25	6.25	6.94	6.16	5.58	6.34	6.16	6.99	6.01	5.55	6.31	6.69	6.94	6.20	5.55	6.31	6.69	6.94	6.20	6.06	6.06	9
10	5.92	6.78	6.78	7.57	6.64	5.92	6.90	6.64	7.64	6.44	5.89	6.86	7.28	7.58	6.65	5.89	6.86	7.28	7.58	6.65	6.55	6.55	10
11	6.24	7.29	7.29	8.16	7.09	6.23	7.42	7.09	8.25	6.83	6.19	7.38	7.84	8.20	7.07	6.19	7.38	7.84	8.20	7.07	7.01	7.01	11
12	6.53	7.76	7.76	8.73	7.51	6.52	7.92	7.51	8.83	7.19	6.48	7.87	8.37	8.78	7.45	6.48	7.87	8.37	8.78	7.45	7.44	7.44	12
13	6.79	8.21	8.20	9.26	7.92	6.78	8.39	7.92	9.38	7.52	6.74	8.34	8.87	9.33	7.80	6.74	8.34	8.87	9.33	7.80	7.84	7.84	13
14	7.04	8.63	8.62	9.76	8.30	7.03	8.84	8.30	9.90	7.83	6.99	8.79	9.35	9.86	8.13	6.99	8.79	9.35	9.86	8.13	8.22	8.22	14
15	7.26	9.03	9.02	10.23	8.66	7.25	9.26	8.66	10.39	8.11	7.21	9.21	9.79	10.37	8.43	7.21	9.21	9.79	10.37	8.43	8.57	8.57	15
16	7.47	9.40	9.39	10.68	9.00	7.46	9.66	9.00	10.86	8.37	7.42	9.61	10.21	10.84	8.70	7.42	9.61	10.21	10.84	8.70	8.89	8.89	16
17	7.66	9.75	9.73	11.10	9.33	7.65	10.03	9.33	11.29	8.60	7.60	9.99	10.61	11.29	8.95	7.60	9.99	10.61	11.29	8.95	9.19	9.19	17
18	7.83	10.07	10.06	11.49	9.63	7.82	10.37	9.63	11.70	8.82	7.78	10.34	10.98	11.72	9.18	7.78	10.34	10.98	11.72	9.18	9.47	9.47	18
19	7.99	10.38	10.36	11.86	9.91	7.98	10.70	9.91	12.09	9.02	7.94	10.68	11.33	12.13	9.39	7.94	10.68	11.33	12.13	9.39	9.74	9.74	19
20	8.14	10.67	10.65	12.21	10.18	8.13	11.01	10.18	12.45	9.20	8.08	10.99	11.65	12.51	9.59	8.08	10.99	11.65	12.51	9.59	9.98	9.98	20
21	8.27	10.94	10.92	12.54	10.43	8.26	11.30	10.43	12.80	9.37	8.22	11.29	11.96	12.87	9.76	8.22	11.29	11.96	12.87	9.76	10.20	10.20	21
22	8.39	11.19	11.17	12.85	10.67	8.38	11.57	10.67	13.12	9.52	8.34	11.57	12.26	13.21	9.92	8.34	11.57	12.26	13.21	9.92	10.42	10.42	22
23	8.50	11.43	11.41	13.14	10.89	8.49	11.83	10.89	13.43	9.66	8.45	11.84	12.53	13.54	10.07	8.45	11.84	12.53	13.54	10.07	10.62	10.62	23
24	8.60	11.66	11.64	13.41	11.10	8.58	12.07	11.10	13.72	9.79	8.55	12.09	12.79	13.85	10.21	8.55	12.09	12.79	13.85	10.21	10.80	10.80	24
25	8.69	11.88	11.85	13.67	11.31	8.67	12.30	11.31	13.99	9.91	8.63	12.33	13.04	14.14	10.33	8.63	12.33	13.04	14.14	10.33	10.97	10.97	25
*** Extended Series ***																							
26	8.77	12.08	12.05	13.91	11.50	8.75	12.52	11.50	14.25	10.01	8.72	12.56	13.27	14.42	10.45	8.72	12.56	13.27	14.42	10.45	11.14	11.14	26
27	8.84	12.27	12.24	14.14	11.68	8.83	12.73	11.68	14.49	10.11	8.79	12.78	13.49	14.68	10.55	8.79	12.78	13.49	14.68	10.55	11.29	11.29	27
28	8.91	12.45	12.42	14.36	11.85	8.89	12.92	11.85	14.72	10.20	8.86	12.98	13.70	14.93	10.65	8.86	12.98	13.70	14.93	10.65	11.43	11.43	28
29	8.97	12.62	12.59	14.56	12.01	8.95	13.10	12.01	14.94	10.28	8.92	13.18	13.90	15.16	10.73	8.92	13.18	13.90	15.16	10.73	11.56	11.56	29
30	9.02	12.78	12.75	14.75	12.17	9.00	13.28	12.17	15.14	10.36	8.97	13.36	14.08	15.39	10.81	8.97	13.36	14.08	15.39	10.81	11.69	11.69	30

TABLE B-8b. UPW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE = 10 PERCENT

DoE Region 8 (Montana, North Dakota, South Dakota, Wyoming, Utah, Colorado)

SP	RESIDENTIAL				COMMERCIAL				INDUSTRIAL				TRANSPORTATION			
	ELEC	DIST	LPG	NATGAS	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	GASLINE	SP
1	0.92	0.89	0.89	0.91	0.92	0.89	0.91	0.92	0.93	0.92	0.89	0.91	0.91	0.93	0.89	1
2	1.75	1.70	1.70	1.76	1.75	1.69	1.74	1.76	1.79	1.75	1.70	1.74	1.75	1.78	1.69	2
3	2.50	2.46	2.46	2.55	2.50	2.46	2.53	2.55	2.58	2.51	2.46	2.54	2.54	2.57	2.44	3
4	3.18	3.17	3.17	3.28	3.18	3.17	3.27	3.26	3.30	3.18	3.18	3.30	3.26	3.29	3.14	4
5	3.79	3.85	3.85	3.98	3.79	3.85	3.97	3.96	3.97	3.79	3.86	4.04	3.97	3.95	3.79	5
6	4.33	4.49	4.49	4.65	4.33	4.51	4.64	4.61	4.59	4.33	4.51	4.76	4.64	4.57	4.40	6
7	4.83	5.11	5.11	5.30	4.82	5.13	5.28	5.25	5.15	4.82	5.14	5.44	5.30	5.13	4.98	7
8	5.27	5.70	5.70	5.91	5.26	5.74	5.88	5.85	5.67	5.25	5.74	6.10	5.93	5.66	5.53	8
9	5.66	6.26	6.26	6.50	5.66	6.32	6.45	6.43	6.15	5.64	6.32	6.73	6.54	6.14	6.06	9
10	6.02	6.80	6.80	7.06	6.02	6.87	6.99	6.98	6.59	5.99	6.87	7.34	7.13	6.58	6.55	10
11	6.35	7.30	7.30	7.60	6.35	7.39	7.50	7.50	6.99	6.32	7.39	7.91	7.69	6.99	7.01	11
12	6.65	7.78	7.77	8.10	6.65	7.88	7.98	7.99	7.36	6.62	7.89	8.45	8.22	7.36	7.44	12
13	6.93	8.23	8.22	8.57	6.93	8.35	8.44	8.46	7.70	6.90	8.36	8.96	8.73	7.70	7.84	13
14	7.19	8.65	8.64	9.02	7.19	8.79	8.87	8.90	8.01	7.15	8.81	9.44	9.21	8.02	8.21	14
15	7.43	9.05	9.04	9.45	7.42	9.21	9.29	9.32	8.30	7.39	9.24	9.90	9.67	8.31	8.56	15
16	7.65	9.43	9.42	9.84	7.64	9.60	9.67	9.71	8.57	7.61	9.64	10.33	10.11	8.58	8.88	16
17	7.85	9.78	9.76	10.22	7.84	9.96	10.04	10.09	8.81	7.81	10.01	10.73	10.52	8.83	9.18	17
18	8.03	10.11	10.09	10.57	8.02	10.31	10.38	10.43	9.04	7.99	10.37	11.11	10.91	9.05	9.46	18
19	8.20	10.41	10.40	10.90	8.19	10.63	10.70	10.76	9.24	8.16	10.71	11.47	11.28	9.26	9.72	19
20	8.35	10.70	10.69	11.21	8.35	10.93	11.00	11.07	9.43	8.32	11.02	11.80	11.63	9.45	9.97	20
21	8.49	10.97	10.96	11.50	8.48	11.22	11.28	11.37	9.60	8.46	11.32	12.11	11.96	9.62	10.19	21
22	8.62	11.23	11.21	11.78	8.61	11.49	11.56	11.64	9.75	8.58	11.60	12.41	12.27	9.78	10.40	22
23	8.73	11.47	11.45	12.04	8.72	11.74	11.81	11.90	9.90	8.70	11.87	12.69	12.57	9.92	10.60	23
24	8.84	11.70	11.68	12.29	8.83	11.99	12.05	12.15	10.03	8.80	12.13	12.96	12.85	10.05	10.79	24
25	8.93	11.92	11.89	12.52	8.92	12.21	12.28	12.38	10.15	8.90	12.37	13.21	13.12	10.18	10.96	25

*** Extended Series ***

26	9.01	12.12	12.10	12.73	9.01	12.43	12.50	12.60	10.26	8.98	12.60	13.45	13.37	10.29	11.12	26
27	9.09	12.31	12.29	12.94	9.08	12.63	12.70	12.81	10.36	9.06	12.82	13.67	13.61	10.39	11.27	27
28	9.16	12.50	12.47	13.13	9.15	12.83	12.90	13.00	10.45	9.13	13.02	13.88	13.84	10.48	11.42	28
29	9.22	12.67	12.64	13.31	9.22	13.01	13.08	13.19	10.54	9.20	13.22	14.08	14.06	10.57	11.55	29
30	9.28	12.83	12.79	13.49	9.27	13.18	13.26	13.36	10.61	9.26	13.41	14.27	14.26	10.64	11.67	30

TABLE B-9b. UPW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE* = 10 PERCENT

DoE Region 9 (California, Nevada, Arizona, Hawaii, Trust Territory of the Pacific Islands, American Samoa, Guam)

SP	RESIDENTIAL					COMMERCIAL					INDUSTRIAL					TRANSPORTATION					
	ELEC	DIST	LPG	NATGAS	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	GASLINE	SP
1	0.96	0.89	0.89	0.88	0.96	0.88	0.91	0.86	1.01	0.97	0.89	0.91	0.88	0.92	0.97	0.89	0.91	0.88	0.92	0.89	1
2	1.84	1.70	1.70	1.72	1.84	1.69	1.74	1.67	1.93	1.85	1.69	1.75	1.70	1.77	1.85	1.69	1.75	1.70	1.77	1.69	2
3	2.63	2.46	2.46	2.50	2.63	2.45	2.51	2.40	2.78	2.64	2.45	2.54	2.45	2.55	2.64	2.45	2.54	2.45	2.55	2.44	3
4	3.34	3.17	3.17	3.29	3.34	3.17	3.24	3.14	3.57	3.35	3.17	3.28	3.21	3.26	3.35	3.17	3.28	3.21	3.26	3.14	4
5	3.99	3.84	3.84	4.06	3.99	3.86	3.93	3.85	4.29	4.01	3.85	3.99	3.94	3.92	4.01	3.85	3.99	3.94	3.92	3.79	5
6	4.59	4.48	4.48	4.79	4.59	4.52	4.58	4.51	4.97	4.61	4.51	4.66	4.64	4.53	4.61	4.51	4.66	4.64	4.53	4.40	6
7	5.13	5.10	5.10	5.50	5.14	5.15	5.19	5.14	5.60	5.16	5.14	5.30	5.31	5.09	5.16	5.14	5.30	5.31	5.09	4.98	7
8	5.64	5.68	5.68	6.18	5.64	5.77	5.74	5.74	6.17	5.67	5.75	5.90	5.96	5.61	5.67	5.75	5.90	5.96	5.61	5.54	8
9	6.11	6.24	6.24	6.82	6.11	6.36	6.31	6.30	6.71	6.15	6.33	6.48	6.57	6.09	6.15	6.33	6.48	6.57	6.09	6.06	9
10	6.54	6.77	6.77	7.44	6.55	6.92	6.82	6.83	7.20	6.58	6.89	7.02	7.15	6.53	6.58	6.89	7.02	7.15	6.53	6.56	10
11	6.94	7.27	7.26	8.03	6.95	7.46	7.30	7.33	7.66	6.99	7.41	7.53	7.71	6.93	6.99	7.41	7.53	7.71	6.93	7.02	11
12	7.31	7.73	7.73	8.58	7.32	7.96	7.76	7.80	8.08	7.36	7.92	8.01	8.24	7.30	7.36	7.92	8.01	8.24	7.30	7.46	12
13	7.65	8.18	8.18	9.10	7.66	8.43	8.19	8.25	8.47	7.71	8.39	8.47	8.74	7.65	7.71	8.39	8.47	8.74	7.65	7.86	13
14	7.96	8.60	8.59	9.59	7.97	8.88	8.60	8.68	8.82	8.03	8.85	8.90	9.22	7.96	8.03	8.85	8.90	9.22	7.96	8.23	14
15	8.25	8.99	8.99	10.05	8.26	9.31	8.99	9.08	9.15	8.33	9.28	9.30	9.68	8.25	8.33	9.28	9.30	9.68	8.25	8.59	15
16	8.51	9.36	9.35	10.49	8.52	9.71	9.36	9.46	9.45	8.60	9.68	9.69	10.11	8.52	8.60	9.68	9.69	10.11	8.52	8.91	16
17	8.76	9.71	9.70	10.90	8.76	10.08	9.70	9.81	9.73	8.84	10.07	10.05	10.52	8.76	8.84	10.07	10.05	10.52	8.76	9.21	17
18	8.98	10.03	10.02	11.29	8.98	10.43	10.02	10.15	9.98	9.07	10.42	10.39	10.91	8.99	9.07	10.42	10.39	10.91	8.99	9.50	18
19	9.18	10.33	10.32	11.65	9.19	10.76	10.33	10.46	10.21	9.28	10.76	10.70	11.28	9.19	9.28	10.76	10.70	11.28	9.19	9.76	19
20	9.37	10.62	10.61	11.99	9.37	11.07	10.61	10.76	10.43	9.47	11.08	11.00	11.63	9.38	9.47	11.08	11.00	11.63	9.38	10.00	20
21	9.53	10.89	10.88	12.31	9.54	11.37	10.88	11.04	10.62	9.65	11.38	11.28	11.96	9.55	9.65	11.38	11.28	11.96	9.55	10.23	21
22	9.69	11.14	11.13	12.62	9.70	11.64	11.14	11.30	10.80	9.81	11.67	11.55	12.27	9.71	9.81	11.67	11.55	12.27	9.71	10.44	22
23	9.82	11.38	11.37	12.90	9.83	11.90	11.38	11.55	10.96	9.95	11.94	11.80	12.57	9.85	9.95	11.94	11.80	12.57	9.85	10.64	23
24	9.95	11.61	11.59	13.17	9.96	12.15	11.61	11.79	11.11	10.08	12.20	12.04	12.85	9.98	10.08	12.20	12.04	12.85	9.98	10.83	24
25	10.06	11.82	11.80	13.42	10.07	12.38	11.83	12.01	11.25	10.20	12.45	12.26	13.11	10.10	10.20	12.45	12.26	13.11	10.10	11.00	25
*** Extended Series ***																					
26	10.17	12.02	12.00	13.66	10.18	12.60	12.03	12.22	11.37	10.31	12.68	12.47	13.37	10.21	10.31	12.68	12.47	13.37	10.21	11.17	26
27	10.26	12.21	12.19	13.89	10.27	12.81	12.23	12.42	11.48	10.40	12.90	12.67	13.60	10.32	10.40	12.90	12.67	13.60	10.32	11.32	27
28	10.34	12.39	12.37	14.10	10.35	13.01	12.41	12.61	11.59	10.49	13.11	12.86	13.83	10.41	10.49	13.11	12.86	13.83	10.41	11.46	28
29	10.42	12.56	12.53	14.30	10.43	13.19	12.58	12.79	11.69	10.57	13.30	13.04	14.04	10.49	10.57	13.30	13.04	14.04	10.49	11.60	29
30	10.49	12.72	12.69	14.49	10.50	13.37	12.75	12.95	11.77	10.64	13.49	13.21	14.25	10.57	10.64	13.49	13.21	14.25	10.57	11.72	30

TABLE B-10b. UFW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE = 10 PERCENT
 DoE Region 10 (Washington, Oregon, Idaho, Alaska)

SP	RESIDENTIAL					COMMERCIAL					INDUSTRIAL					TRANSPORTATION							
	ELEC	DIST	LPG	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	GASLINE	SP	
1	0.87	0.89	0.89	0.90	0.91	0.87	0.89	0.91	0.90	0.91	0.85	0.89	0.91	0.91	0.92	0.85	0.89	0.91	0.91	0.91	0.92	0.89	1
2	1.65	1.70	1.70	1.72	1.74	1.65	1.69	1.74	1.73	1.75	1.62	1.70	1.74	1.73	1.77	1.62	1.70	1.74	1.73	1.73	1.77	1.69	2
3	2.37	2.46	2.46	2.47	2.51	2.37	2.46	2.51	2.48	2.51	2.33	2.46	2.52	2.49	2.54	2.33	2.46	2.52	2.49	2.54	2.54	2.44	3
4	3.02	3.17	3.18	3.18	3.21	3.02	3.17	3.24	3.21	3.21	2.97	3.17	3.25	3.22	3.26	2.97	3.17	3.25	3.22	3.26	3.26	3.14	4
5	3.62	3.84	3.84	3.87	3.92	3.62	3.85	3.92	3.91	3.86	3.56	3.85	3.94	3.93	3.91	3.56	3.85	3.94	3.93	3.91	3.91	3.78	5
6	4.19	4.48	4.48	4.51	4.55	4.19	4.51	4.55	4.56	4.45	4.13	4.50	4.59	4.61	4.52	4.13	4.50	4.59	4.61	4.52	4.40	6	
7	4.71	5.08	5.09	5.11	5.15	4.71	5.14	5.15	5.19	5.00	4.65	5.13	5.20	5.26	5.08	4.65	5.13	5.20	5.26	5.08	4.98	7	
8	5.17	5.66	5.66	5.69	5.71	5.17	5.74	5.71	5.78	5.50	5.11	5.73	5.78	5.87	5.60	5.11	5.73	5.78	5.87	5.60	5.53	8	
9	5.60	6.21	6.21	6.23	6.24	5.60	6.32	6.24	6.34	5.97	5.55	6.30	6.32	6.46	6.07	5.55	6.30	6.32	6.46	6.07	6.05	9	
10	6.01	6.72	6.73	6.74	6.73	6.01	6.87	6.73	6.88	6.40	5.96	6.85	6.83	7.02	6.51	5.96	6.85	6.83	7.02	6.51	6.55	10	
11	6.38	7.21	7.22	7.23	7.23	6.38	7.39	7.20	7.38	6.79	6.33	7.37	7.31	7.56	6.92	6.33	7.37	7.31	7.56	6.92	7.00	11	
12	6.72	7.68	7.68	7.69	7.64	6.72	7.89	7.64	7.86	7.15	6.68	7.87	7.77	8.07	7.29	6.68	7.87	7.77	8.07	7.29	7.43	12	
13	7.04	8.11	8.11	8.12	8.06	7.04	8.35	8.06	8.31	7.48	7.01	8.34	8.20	8.55	7.63	7.01	8.34	8.20	8.55	7.63	7.83	13	
14	7.33	8.52	8.52	8.53	8.46	7.33	8.80	8.46	8.74	7.79	7.31	8.79	8.61	9.02	7.95	7.31	8.79	8.61	9.02	7.95	8.21	14	
15	7.60	8.91	8.91	8.91	8.84	7.60	9.21	8.84	9.15	8.07	7.58	9.21	8.99	9.46	8.24	7.58	9.21	8.99	9.46	8.24	8.56	15	
16	7.84	9.27	9.27	9.27	9.19	7.84	9.60	9.19	9.53	8.33	7.83	9.61	9.35	9.88	8.50	7.83	9.61	9.35	9.88	8.50	8.88	16	
17	8.07	9.61	9.61	9.62	9.52	8.07	9.97	9.52	9.89	8.57	8.07	9.99	9.69	10.27	8.74	8.07	9.99	9.69	10.27	8.74	9.18	17	
18	8.27	9.93	9.93	9.94	9.84	8.28	10.31	9.84	10.23	8.79	8.28	10.34	10.01	10.64	8.97	8.28	10.34	10.01	10.64	8.97	9.46	18	
19	8.46	10.23	10.22	10.24	10.13	8.46	10.64	10.13	10.54	8.99	8.47	10.67	10.31	11.00	9.17	8.47	10.67	10.31	11.00	9.17	9.72	19	
20	8.64	10.51	10.50	10.52	10.41	8.64	10.94	10.41	10.84	9.17	8.65	10.99	10.59	11.33	9.36	8.65	10.99	10.59	11.33	9.36	9.96	20	
21	8.79	10.77	10.77	10.79	11.13	8.80	11.23	10.67	11.13	9.34	8.82	11.29	10.86	11.65	9.53	8.82	11.29	10.86	11.65	9.53	10.19	21	
22	8.93	11.02	11.01	11.04	11.40	8.94	11.50	10.92	11.40	9.49	8.97	11.57	11.11	11.95	9.69	8.97	11.57	11.11	11.95	9.69	10.40	22	
23	9.06	11.25	11.25	11.28	11.65	9.07	11.75	11.15	11.65	9.63	9.10	11.84	11.35	12.24	9.83	9.10	11.84	11.35	12.24	9.83	10.60	23	
24	9.18	11.48	11.47	11.50	11.89	9.18	11.99	11.37	11.89	9.76	9.22	12.09	11.57	12.51	9.96	9.22	12.09	11.57	12.51	9.96	10.78	24	
25	9.29	11.69	11.67	11.71	12.11	9.29	12.22	11.58	12.11	9.88	9.33	12.33	11.78	12.76	10.08	9.33	12.33	11.78	12.76	10.08	10.96	25	

*** Extended Series ***

26	9.38	11.88	11.87	11.91	12.32	9.38	12.44	11.78	12.32	9.98	9.43	12.56	11.98	13.01	10.19	9.43	12.56	11.98	13.01	10.19	11.12	26
27	9.47	12.07	12.06	12.09	12.52	9.47	12.64	11.97	12.52	10.08	9.52	12.78	12.17	13.24	10.29	9.52	12.78	12.17	13.24	10.29	11.27	27
28	9.55	12.25	12.23	12.27	12.71	9.55	12.83	12.15	12.71	10.17	9.60	12.98	12.35	13.45	10.39	9.60	12.98	12.35	13.45	10.39	11.41	28
29	9.62	12.41	12.39	12.44	12.89	9.62	13.02	12.31	12.89	10.26	9.68	13.18	12.52	13.66	10.47	9.68	13.18	12.52	13.66	10.47	11.54	29
30	9.68	12.57	12.55	12.59	13.06	9.69	13.19	12.47	13.06	10.33	9.75	13.36	12.68	13.86	10.55	9.75	13.36	12.68	13.86	10.55	11.67	30

TABLE B-11b. UFW* DISCOUNT FACTORS ADJUSTED FOR AVERAGE FUEL PRICE ESCALATION
 BY END-USE SECTOR AND MAJOR FUEL
 DISCOUNT RATE = 10 PERCENT
 United States Average

SP	RESIDENTIAL					COMMERCIAL					INDUSTRIAL					TRANSPORTATION							
	ELEC	DIST	LPG	NATGAS	SP	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	ELEC	DIST	RESID	NATGAS	COAL	GASLINE	SP	
1	0.92	0.89	0.89	0.91	0.91	0.92	0.89	0.91	0.91	0.92	0.92	0.89	0.90	0.91	0.93	0.92	0.89	0.90	0.91	0.91	0.93	0.89	1
2	1.75	1.70	1.70	1.76	1.74	1.77	1.69	1.74	1.75	1.77	1.76	1.69	1.74	1.77	1.80	1.76	1.69	1.74	1.77	1.77	1.80	1.69	2
3	2.51	2.46	2.46	2.56	2.51	2.55	2.45	2.51	2.54	2.55	2.52	2.46	2.52	2.58	2.60	2.52	2.46	2.52	2.58	2.60	2.60	2.44	3
4	3.20	3.18	3.17	3.32	3.24	3.26	3.17	3.24	3.30	3.26	3.21	3.17	3.27	3.36	3.34	3.21	3.17	3.27	3.36	3.34	3.34	3.14	4
5	3.81	3.84	3.84	4.06	3.83	3.93	3.84	3.93	4.03	3.93	3.82	3.85	3.98	4.12	4.03	3.82	3.85	3.98	4.12	4.03	3.78	3.78	5
6	4.37	4.48	4.48	4.76	4.39	4.49	4.49	4.59	4.72	4.54	4.38	4.50	4.66	4.85	4.67	4.38	4.50	4.66	4.85	4.67	4.40	4.40	6
7	4.88	5.09	5.09	5.44	4.90	5.12	5.12	5.21	5.40	5.10	4.88	5.12	5.30	5.56	5.26	4.88	5.12	5.30	5.56	5.26	4.98	4.98	7
8	5.34	5.66	5.67	6.08	5.36	5.72	5.72	5.79	6.04	5.61	5.34	5.72	5.91	6.25	5.81	5.34	5.72	5.91	6.25	5.81	5.53	5.53	8
9	5.75	6.21	6.23	6.70	5.78	6.29	6.29	6.34	6.65	6.09	5.75	6.30	6.49	6.91	6.32	5.75	6.30	6.49	6.91	6.32	6.05	6.05	9
10	6.13	6.73	6.75	7.29	6.16	6.83	6.83	6.86	7.24	6.52	6.12	6.84	7.05	7.55	6.79	6.12	6.84	7.05	7.55	6.79	6.54	6.54	10
11	6.47	7.22	7.25	7.85	6.51	7.35	7.35	7.35	7.80	6.93	6.47	7.36	7.57	8.15	7.22	6.47	7.36	7.57	8.15	7.22	7.00	7.00	11
12	6.79	7.68	7.71	8.37	6.83	7.84	7.84	7.81	8.32	7.30	6.79	7.86	8.06	8.73	7.62	6.79	7.86	8.06	8.73	7.62	7.43	7.43	12
13	7.09	8.11	8.15	8.87	7.13	8.30	8.30	8.25	8.82	7.64	7.08	8.33	8.52	9.28	7.99	7.08	8.33	8.52	9.28	7.99	7.83	7.83	13
14	7.36	8.52	8.57	9.33	7.40	8.73	8.67	8.67	9.29	7.95	7.36	8.77	8.96	9.80	8.32	7.36	8.77	8.96	9.80	8.32	8.20	8.20	14
15	7.61	8.91	8.96	9.78	7.65	9.14	9.07	9.07	9.74	8.24	7.61	9.20	9.38	10.30	8.63	7.61	9.20	9.38	10.30	8.63	8.55	8.55	15
16	7.84	9.27	9.33	10.19	7.88	9.53	9.44	9.44	10.16	8.50	7.84	9.59	9.77	10.77	8.92	7.84	9.59	9.77	10.77	8.92	8.87	8.87	16
17	8.05	9.61	9.67	10.58	8.10	9.89	9.79	9.79	10.55	8.75	8.05	9.97	10.14	11.22	9.18	8.05	9.97	10.14	11.22	9.18	9.17	9.17	17
18	8.24	9.93	9.99	10.95	8.29	10.23	10.12	10.12	10.92	8.97	8.25	10.32	10.48	11.64	9.42	8.25	10.32	10.48	11.64	9.42	9.45	9.45	18
19	8.42	10.23	10.29	11.29	8.47	10.55	10.42	10.42	11.27	9.17	8.42	10.66	10.80	12.04	9.63	8.42	10.66	10.80	12.04	9.63	9.71	9.71	19
20	8.58	10.51	10.58	11.62	8.63	10.85	10.71	10.71	11.60	9.36	8.59	10.97	11.11	12.42	9.83	8.59	10.97	11.11	12.42	9.83	9.95	9.95	20
21	8.72	10.77	10.84	11.93	8.78	11.14	10.99	10.99	11.91	9.53	8.74	11.27	11.39	12.78	10.02	8.74	11.27	11.39	12.78	10.02	10.18	10.18	21
22	8.86	11.02	11.09	12.21	8.91	11.40	11.25	11.25	12.21	9.69	8.87	11.55	11.66	13.12	10.19	8.87	11.55	11.66	13.12	10.19	10.39	10.39	22
23	8.98	11.26	11.33	12.49	9.03	11.66	11.49	11.49	12.48	9.83	8.99	11.82	11.92	13.45	10.34	8.99	11.82	11.92	13.45	10.34	10.59	10.59	23
24	9.08	11.48	11.55	12.74	9.14	11.89	11.73	11.73	12.75	9.96	9.11	12.07	12.16	13.75	10.48	9.11	12.07	12.16	13.75	10.48	10.77	10.77	24
25	9.18	11.69	11.76	12.98	9.24	12.12	11.95	11.95	12.99	10.08	9.21	12.31	12.39	14.04	10.61	9.21	12.31	12.39	14.04	10.61	10.95	10.95	25
*** Extended Series ***																							
26	9.27	11.89	11.96	13.21	9.33	12.33	12.16	12.16	13.23	10.19	9.30	12.54	12.61	14.32	10.73	9.30	12.54	12.61	14.32	10.73	11.11	11.11	26
27	9.35	12.07	12.15	13.42	9.41	12.53	12.35	12.35	13.45	10.29	9.38	12.75	12.81	14.58	10.83	9.38	12.75	12.81	14.58	10.83	11.26	11.26	27
28	9.43	12.25	12.33	13.63	9.49	12.72	12.54	12.54	13.65	10.38	9.46	12.96	13.01	14.82	10.93	9.46	12.96	13.01	14.82	10.93	11.40	11.40	28
29	9.49	12.41	12.49	13.82	9.55	12.90	12.72	12.72	13.85	10.47	9.52	13.15	13.19	15.06	11.02	9.52	13.15	13.19	15.06	11.02	11.53	11.53	29
30	9.55	12.57	12.65	13.99	9.61	13.07	12.88	12.88	14.04	10.54	9.59	13.34	13.36	15.28	11.11	9.59	13.34	13.36	15.28	11.11	11.66	11.66	30

3. 1985 AVERAGE FUEL PRICES, PROJECTED REAL AVERAGE FUEL PRICE INDICES, AND
PROJECTED AVERAGE FUEL PRICE ESCALATION RATES, BY DOE REGION
(CORRESPONDING TO APPENDIX C TO SUBPART A OF 10 CFR PART 436)

Tables Ca-1 through Ca-11 of this section present 1985 average fuel prices and projected real average fuel price indices for the 10 DoE regions and for the United States. To derive the 1985 average fuel prices, the Energy Information Administration 1985 prices given in 1984 dollars were converted to 1985 dollars using the 3.70 percent increase in the Implicit Price Deflator for Gross National Product from the Second Quarter of 1984 to the Second Quarter of 1985. Tables Cb-1 through Cb-11 present the projected average fuel price escalation rates (percentage change compounded annually) for five selected periods from 1985 to 2010 for the 10 DoE regions and for the United States.

TABLE Ca-1. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 1 (Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island)

SECTOR/FUEL	1985 AVERAGE FUEL PRICES (MID-1985 \$/MILLION BTU)	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)										
		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
RESIDENTIAL												
ELECTRICITY	26.11	1.00	1.01	1.04	1.09	1.07	1.06	1.06	1.06	1.08	1.07	1.07
DISTILLATE FUEL	7.84	1.00	0.98	0.98	1.01	1.04	1.07	1.12	1.18	1.23	1.29	1.34
LIQUEFIED PETROLEUM GAS	8.41	1.00	0.98	0.98	1.01	1.04	1.07	1.12	1.18	1.23	1.29	1.34
NATURAL GAS	7.90	1.00	1.00	1.04	1.09	1.15	1.21	1.27	1.35	1.41	1.47	1.53
COMMERCIAL												
ELECTRICITY	26.03	1.00	1.01	1.04	1.09	1.07	1.06	1.06	1.06	1.08	1.07	1.07
DISTILLATE FUEL	6.85	1.00	0.98	0.98	1.01	1.05	1.08	1.14	1.20	1.26	1.33	1.39
RESIDUAL FUEL	5.70	1.00	1.00	1.01	1.04	1.07	1.11	1.15	1.20	1.24	1.28	1.33
NATURAL GAS	6.28	1.00	1.00	1.04	1.10	1.17	1.25	1.32	1.41	1.48	1.56	1.63
STEAM COAL	2.96	1.00	1.01	1.02	1.04	1.05	1.07	1.09	1.11	1.13	1.14	1.16
INDUSTRIAL												
ELECTRICITY	22.97	1.00	1.01	1.05	1.10	1.07	1.07	1.07	1.07	1.09	1.08	1.08
DISTILLATE FUEL	6.72	1.00	0.98	0.98	1.01	1.05	1.08	1.15	1.21	1.27	1.33	1.40
RESIDUAL FUEL	5.08	1.00	1.00	1.01	1.04	1.08	1.12	1.17	1.22	1.27	1.32	1.37
NATURAL GAS	5.16	1.00	1.00	1.07	1.13	1.21	1.31	1.39	1.48	1.56	1.65	1.72
STEAM COAL	2.48	1.00	1.01	1.03	1.04	1.05	1.08	1.10	1.11	1.13	1.15	1.17
TRANSPORTATION												
MOTOR GASOLINE	10.47	1.00	0.98	0.98	1.00	1.02	1.04	1.08	1.13	1.18	1.22	1.27

1985 WORLD OIL PRICE
 (MID-1985 \$/BARREL)

OIL PRICE ASSUMPTION	PROJECTED WORLD OIL PRICE INDICES (MID-1985 = 1.00)											
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
	29.03	1.00	0.96	0.96	1.00	1.04	1.07	1.14	1.21	1.29	1.36	1.43

TABLE Ca-1, continued. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 1 (Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island)

SECTOR/FUEL	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)														
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
RESIDENTIAL															
ELECTRICITY	1.08	1.10	1.11	1.12	1.14	1.15	1.16	1.17	1.18	1.19	1.18	1.18	1.17	1.17	1.16
DISTILLATE FUEL	1.39	1.44	1.50	1.55	1.61	1.66	1.71	1.76	1.82	1.87	1.94	2.02	2.09	2.17	2.26
LIQUEFIED PETROLEUM GAS	1.39	1.44	1.49	1.55	1.60	1.65	1.70	1.76	1.81	1.87	1.93	2.01	2.08	2.16	2.24
NATURAL GAS	1.59	1.65	1.71	1.78	1.85	1.91	1.98	2.04	2.11	2.19	2.26	2.35	2.43	2.52	2.61
COMMERCIAL															
ELECTRICITY	1.08	1.10	1.11	1.12	1.14	1.15	1.16	1.17	1.18	1.19	1.18	1.18	1.17	1.17	1.17
DISTILLATE FUEL	1.44	1.50	1.56	1.62	1.69	1.74	1.80	1.85	1.91	1.98	2.05	2.13	2.22	2.31	2.40
RESIDUAL FUEL	1.38	1.44	1.50	1.57	1.63	1.69	1.74	1.80	1.87	1.93	2.01	2.09	2.17	2.26	2.36
NATURAL GAS	1.70	1.77	1.84	1.91	1.99	2.06	2.14	2.21	2.29	2.38	2.47	2.56	2.66	2.76	2.87
STEAM COAL	1.18	1.19	1.21	1.22	1.24	1.25	1.26	1.27	1.28	1.29	1.30	1.31	1.32	1.33	1.34
INDUSTRIAL															
ELECTRICITY	1.09	1.11	1.13	1.15	1.17	1.18	1.19	1.20	1.21	1.22	1.22	1.22	1.22	1.21	1.21
DISTILLATE FUEL	1.46	1.52	1.59	1.67	1.74	1.80	1.87	1.93	2.00	2.07	2.16	2.26	2.35	2.46	2.56
RESIDUAL FUEL	1.42	1.48	1.54	1.60	1.67	1.72	1.78	1.83	1.89	1.96	2.03	2.11	2.20	2.29	2.38
NATURAL GAS	1.80	1.89	1.98	2.07	2.17	2.27	2.36	2.45	2.55	2.66	2.77	2.89	3.01	3.14	3.27
STEAM COAL	1.18	1.20	1.21	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.30	1.31	1.32	1.33	1.34
TRANSPORTATION															
MOTOR GASOLINE	1.30	1.34	1.37	1.41	1.45	1.48	1.51	1.55	1.58	1.62	1.67	1.71	1.76	1.81	1.87

PROJECTED WORLD OIL PRICE INDICES
(MID-1985 = 1.00)

OIL PRICE ASSUMPTION	1.49	1.56	1.63	1.71	1.79	1.85	1.92	1.99	2.06	2.14	2.23	2.33	2.43	2.53	2.64
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TABLE Ca-2. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 2 (New York, New Jersey, Puerto Rico, Virgin Islands)

SECTOR/FUEL	1985 AVERAGE FUEL PRICES (MID-1985 \$/MILLION BTU)	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)										
		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
RESIDENTIAL												
ELECTRICITY	29.05	1.00	0.98	1.01	1.05	1.03	1.01	1.00	0.99	0.98	0.98	0.97
DISTILLATE FUEL	8.02	1.00	0.98	0.98	1.01	1.04	1.07	1.12	1.17	1.23	1.28	1.33
LIQUEFIED PETROLEUM GAS	8.61	1.00	0.98	0.98	1.01	1.04	1.07	1.12	1.17	1.23	1.28	1.33
NATURAL GAS	7.88	1.00	1.00	1.02	1.04	1.09	1.13	1.18	1.23	1.29	1.34	1.39
COMMERCIAL												
ELECTRICITY	28.05	1.00	0.98	1.01	1.05	1.03	1.01	1.00	0.99	0.98	0.97	0.97
DISTILLATE FUEL	6.64	1.00	0.98	0.98	1.01	1.05	1.08	1.15	1.21	1.27	1.34	1.40
RESIDUAL FUEL	5.49	1.00	1.00	1.01	1.04	1.07	1.12	1.16	1.20	1.25	1.29	1.34
NATURAL GAS	6.71	1.00	1.00	1.01	1.04	1.08	1.14	1.19	1.25	1.30	1.37	1.42
STEAM COAL	2.50	1.00	1.01	1.02	1.03	1.05	1.07	1.08	1.09	1.10	1.12	1.13
INDUSTRIAL												
ELECTRICITY	22.61	1.00	0.98	1.02	1.06	1.04	1.02	1.00	0.98	0.97	0.97	0.97
DISTILLATE FUEL	6.70	1.00	0.98	0.98	1.01	1.05	1.08	1.15	1.21	1.27	1.33	1.40
RESIDUAL FUEL	5.00	1.00	1.00	1.01	1.04	1.08	1.13	1.18	1.22	1.27	1.32	1.37
NATURAL GAS	5.38	1.00	1.00	1.03	1.07	1.13	1.19	1.25	1.32	1.38	1.45	1.50
STEAM COAL	2.02	1.00	1.02	1.03	1.05	1.07	1.08	1.10	1.12	1.13	1.15	1.16
TRANSPORTATION												
MOTOR GASOLINE	10.38	1.00	0.98	0.98	1.00	1.02	1.04	1.09	1.13	1.18	1.23	1.27

1985 WORLD OIL PRICE
 (MID-1985 \$/BARREL)

29.03 PROJECTED WORLD OIL PRICE INDICES
 (MID-1985 = 1.00) 1.00 0.96 0.96 1.00 1.04 1.07 1.14 1.21 1.29 1.36 1.43

TABLE Ca-2, continued. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 2 (New York, New Jersey, Puerto Rico, Virgin Islands)

SECTOR/FUEL	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)														
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
RESIDENTIAL															
ELECTRICITY	0.99	1.00	1.01	1.03	1.04	1.05	1.06	1.06	1.07	1.08	1.08	1.07	1.07	1.07	1.06
DISTILLATE FUEL	1.38	1.43	1.49	1.54	1.60	1.65	1.70	1.75	1.81	1.86	1.93	2.01	2.08	2.16	2.25
LIQUEFIED PETROLEUM GAS	1.38	1.43	1.48	1.54	1.60	1.64	1.69	1.75	1.80	1.85	1.92	2.00	2.07	2.15	2.23
NATURAL GAS	1.44	1.50	1.56	1.62	1.68	1.74	1.80	1.86	1.92	1.99	2.06	2.14	2.21	2.29	2.38
COMMERCIAL															
ELECTRICITY	0.99	1.00	1.01	1.03	1.04	1.05	1.06	1.06	1.07	1.08	1.08	1.07	1.07	1.07	1.06
DISTILLATE FUEL	1.46	1.51	1.58	1.64	1.70	1.76	1.81	1.87	1.93	2.00	2.07	2.15	2.24	2.33	2.42
RESIDUAL FUEL	1.40	1.46	1.52	1.58	1.65	1.71	1.76	1.82	1.88	1.95	2.03	2.11	2.20	2.29	2.38
NATURAL GAS	1.48	1.54	1.61	1.67	1.74	1.80	1.87	1.93	2.00	2.07	2.15	2.24	2.32	2.41	2.50
STEAM COAL	1.15	1.16	1.17	1.19	1.20	1.22	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.30
INDUSTRIAL															
ELECTRICITY	0.98	1.00	1.01	1.03	1.05	1.06	1.07	1.08	1.09	1.10	1.10	1.09	1.09	1.09	1.09
DISTILLATE FUEL	1.46	1.53	1.59	1.67	1.74	1.80	1.87	1.93	2.00	2.08	2.17	2.26	2.36	2.46	2.57
RESIDUAL FUEL	1.43	1.49	1.55	1.61	1.67	1.73	1.78	1.84	1.90	1.96	2.04	2.12	2.21	2.29	2.39
NATURAL GAS	1.58	1.65	1.73	1.82	1.91	1.98	2.06	2.15	2.24	2.33	2.43	2.53	2.64	2.75	2.87
STEAM COAL	1.18	1.19	1.21	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.30	1.31	1.32	1.33	1.34
TRANSPORTATION															
MOTOR GASOLINE	1.31	1.34	1.38	1.41	1.45	1.48	1.52	1.55	1.59	1.62	1.67	1.72	1.77	1.82	1.87

PROJECTED WORLD OIL PRICE INDICES
(MID-1985 = 1.00)

OIL PRICE ASSUMPTION	1.49	1.56	1.63	1.71	1.79	1.85	1.92	1.99	2.06	2.14	2.23	2.33	2.43	2.53	2.64
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TABLE Ca-3. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 3 (Pennsylvania, Maryland, West Virginia, Virginia, District of Columbia, Delaware)

SECTOR/FUEL	1985 AVERAGE FUEL PRICES (MID-1985 \$/MILLION BPU)	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)											
		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
RESIDENTIAL													
ELECTRICITY	21.72	1.00	0.99	1.00	1.00	0.98	0.97	0.97	0.97	0.97	0.97	0.97	0.98
DISTILLATE FUEL	7.75	1.00	0.98	0.98	1.01	1.04	1.07	1.13	1.18	1.23	1.29	1.34	1.34
LIQUEFIED PETROLEUM GAS	8.32	1.00	0.98	0.98	1.01	1.04	1.07	1.13	1.18	1.23	1.29	1.34	1.34
NATURAL GAS	6.66	1.00	1.01	1.03	1.06	1.11	1.16	1.20	1.26	1.31	1.36	1.41	1.41
COMMERCIAL													
ELECTRICITY	21.42	1.00	0.99	1.00	1.00	0.98	0.97	0.97	0.97	0.97	0.97	0.97	0.98
DISTILLATE FUEL	6.28	1.00	0.98	0.98	1.01	1.05	1.09	1.16	1.22	1.29	1.36	1.43	1.43
RESIDUAL FUEL	5.13	1.00	1.00	1.01	1.04	1.07	1.12	1.17	1.22	1.27	1.32	1.36	1.36
NATURAL GAS	5.99	1.00	1.00	1.02	1.04	1.09	1.14	1.19	1.24	1.29	1.34	1.39	1.39
STEAM COAL	2.22	1.00	1.01	1.02	1.04	1.05	1.07	1.08	1.09	1.11	1.12	1.14	1.14
INDUSTRIAL													
ELECTRICITY	18.23	1.00	0.98	1.00	1.00	0.98	0.97	0.97	0.97	0.97	0.97	0.97	0.98
DISTILLATE FUEL	6.47	1.00	0.98	0.98	1.01	1.05	1.09	1.15	1.22	1.28	1.35	1.41	1.41
RESIDUAL FUEL	4.61	1.00	1.00	1.01	1.04	1.09	1.14	1.19	1.24	1.30	1.35	1.41	1.41
NATURAL GAS	4.83	1.00	1.00	1.03	1.07	1.13	1.20	1.25	1.31	1.36	1.43	1.48	1.48
STEAM COAL	1.81	1.00	1.01	1.02	1.03	1.05	1.07	1.09	1.10	1.11	1.13	1.14	1.14
TRANSPORTATION													
MOTOR GASOLINE	10.36	1.00	0.98	0.98	1.00	1.02	1.04	1.09	1.13	1.18	1.23	1.28	1.28

1985 WORLD OIL PRICE (MID-1985 \$/BARREL)		PROJECTED WORLD OIL PRICE INDICES (MID-1985 = 1.00)									
1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
29.03	0.96	0.96	1.00	1.04	1.07	1.14	1.21	1.29	1.36	1.43	
OIL PRICE ASSUMPTION											

TABLE Ca-3, continued. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 3 (Pennsylvania, Maryland, West Virginia, Virginia, District of Columbia, Delaware)

SECTOR/FUEL	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)														
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
RESIDENTIAL															
ELECTRICITY	1.00	1.01	1.02	1.04	1.05	1.06	1.07	1.08	1.09	1.09	1.09	1.09	1.08	1.08	1.07
DISTILLATE FUEL	1.39	1.45	1.50	1.56	1.61	1.66	1.71	1.77	1.82	1.88	1.95	2.02	2.10	2.18	2.26
LIQUEFIED PETROLEUM GAS	1.39	1.44	1.50	1.55	1.61	1.66	1.71	1.76	1.81	1.87	1.94	2.01	2.09	2.17	2.25
NATURAL GAS	1.46	1.52	1.58	1.64	1.71	1.76	1.82	1.89	1.95	2.02	2.09	2.17	2.25	2.33	2.41
COMMERCIAL															
ELECTRICITY	1.00	1.01	1.02	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.09	1.09	1.08	1.08	1.08
DISTILLATE FUEL	1.48	1.54	1.60	1.66	1.73	1.79	1.84	1.90	1.96	2.03	2.11	2.19	2.28	2.37	2.46
RESIDUAL FUEL	1.42	1.48	1.54	1.61	1.68	1.73	1.79	1.85	1.92	1.98	2.06	2.15	2.23	2.33	2.42
NATURAL GAS	1.45	1.51	1.57	1.64	1.70	1.76	1.83	1.89	1.96	2.03	2.11	2.19	2.27	2.36	2.45
STEAM COAL	1.15	1.16	1.18	1.20	1.21	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.29	1.30
INDUSTRIAL															
ELECTRICITY	1.00	1.01	1.03	1.05	1.06	1.07	1.08	1.09	1.11	1.12	1.11	1.11	1.11	1.11	1.10
DISTILLATE FUEL	1.47	1.54	1.61	1.68	1.76	1.82	1.89	1.96	2.02	2.10	2.19	2.28	2.38	2.48	2.59
RESIDUAL FUEL	1.46	1.52	1.58	1.64	1.71	1.77	1.82	1.89	1.95	2.01	2.09	2.17	2.26	2.35	2.44
NATURAL GAS	1.55	1.63	1.71	1.79	1.88	1.95	2.04	2.12	2.21	2.30	2.39	2.50	2.60	2.71	2.83
STEAM COAL	1.16	1.17	1.19	1.21	1.22	1.23	1.23	1.25	1.26	1.26	1.27	1.29	1.29	1.30	1.31
TRANSPORTATION															
MOTOR GASOLINE	1.31	1.34	1.38	1.41	1.45	1.48	1.52	1.55	1.59	1.62	1.67	1.72	1.77	1.82	1.87
OIL PRICE ASSUMPTION															
	1.49	1.56	1.63	1.71	1.79	1.85	1.92	1.99	2.06	2.14	2.23	2.33	2.43	2.53	2.64

PROJECTED WORLD OIL PRICE INDICES
(MID-1985 = 1.00)

	1.49	1.56	1.63	1.71	1.79	1.85	1.92	1.99	2.06	2.14	2.23	2.33	2.43	2.53	2.64
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TABLE Ca-4. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
BY END-USE SECTOR AND MAJOR FUEL

DoE Region 4 (Kentucky, Tennessee, North Carolina, South Carolina, Mississippi, Alabama, Georgia, Florida, Canal Zone)

SECTOR/FUEL	1985 AVERAGE FUEL PRICES (MID-1985 \$/MILLION BTU)	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)										
		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
RESIDENTIAL												
ELECTRICITY	19.32	1.00	0.98	0.97	0.97	0.97	0.96	0.95	0.94	0.92	0.91	0.89
DISTILLATE FUEL	7.73	1.00	0.98	0.98	1.01	1.04	1.07	1.13	1.18	1.23	1.29	1.34
LIQUEFIED PETROLEUM GAS	8.29	1.00	0.98	0.98	1.01	1.04	1.07	1.13	1.18	1.24	1.29	1.35
NATURAL GAS	6.08	1.00	1.00	1.04	1.09	1.16	1.24	1.32	1.41	1.49	1.58	1.66
COMMERCIAL												
ELECTRICITY	19.55	1.00	0.98	0.97	0.97	0.97	0.96	0.95	0.94	0.92	0.91	0.89
DISTILLATE FUEL	6.10	1.00	0.97	0.98	1.01	1.05	1.09	1.16	1.23	1.30	1.37	1.44
RESIDUAL FUEL	5.33	1.00	1.00	1.01	1.04	1.07	1.12	1.16	1.21	1.26	1.30	1.35
NATURAL GAS	5.38	1.00	0.99	1.02	1.07	1.13	1.22	1.30	1.39	1.47	1.57	1.65
STEAM COAL	2.03	1.00	1.02	1.03	1.04	1.06	1.08	1.09	1.10	1.12	1.13	1.15
INDUSTRIAL												
ELECTRICITY	17.00	1.00	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.91	0.89	0.88
DISTILLATE FUEL	6.28	1.00	0.98	0.98	1.01	1.05	1.09	1.16	1.22	1.29	1.36	1.42
RESIDUAL FUEL	4.27	1.00	1.00	1.01	1.05	1.09	1.15	1.21	1.26	1.32	1.38	1.44
NATURAL GAS	4.31	1.00	0.99	1.02	1.08	1.15	1.25	1.34	1.45	1.54	1.64	1.73
STEAM COAL	2.01	1.00	1.02	1.03	1.05	1.07	1.09	1.11	1.12	1.14	1.16	1.18
TRANSPORTATION												
MOTOR GASOLINE	10.15	1.00	0.98	0.98	1.00	1.02	1.04	1.09	1.13	1.18	1.23	1.28

1985 WORLD OIL PRICE
(MID-1985 \$/BARREL)

	PROJECTED WORLD OIL PRICE INDICES (MID-1985 = 1.00)										
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
OIL PRICE ASSUMPTION	29.03	0.96	0.96	1.00	1.04	1.07	1.14	1.21	1.29	1.36	1.43

TABLE Ca-4, continued. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
BY END-USE SECTOR AND MAJOR FUEL

DoE Region 4 (Kentucky, Tennessee, North Carolina, South Carolina, Mississippi, Alabama, Georgia, Florida, Canal Zone)

SECTOR/FUEL	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)														
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
RESIDENTIAL															
ELECTRICITY	0.90	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.98	0.99	0.99	0.98	0.98	0.98	0.97
DISTILLATE FUEL	1.39	1.45	1.50	1.56	1.61	1.66	1.72	1.77	1.82	1.88	1.95	2.03	2.10	2.18	2.26
LIQUEFIED PETROLEUM GAS	1.39	1.45	1.50	1.55	1.61	1.66	1.71	1.76	1.82	1.87	1.94	2.02	2.09	2.17	2.25
NATURAL GAS	1.72	1.79	1.86	1.93	2.00	2.07	2.14	2.22	2.29	2.37	2.46	2.55	2.64	2.74	2.84
COMMERCIAL															
ELECTRICITY	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	0.99	0.99	0.99	0.98	0.98	0.98
DISTILLATE FUEL	1.49	1.55	1.61	1.68	1.74	1.80	1.86	1.92	1.98	2.04	2.12	2.21	2.30	2.39	2.48
RESIDUAL FUEL	1.41	1.47	1.53	1.59	1.66	1.72	1.77	1.83	1.90	1.96	2.04	2.13	2.21	2.30	2.40
NATURAL GAS	1.72	1.79	1.86	1.94	2.02	2.09	2.16	2.24	2.32	2.40	2.50	2.59	2.69	2.79	2.90
STEAM COAL	1.16	1.17	1.19	1.20	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.30	1.31	1.32
INDUSTRIAL															
ELECTRICITY	0.89	0.91	0.92	0.93	0.95	0.96	0.97	0.98	0.99	1.00	0.99	0.99	0.99	0.99	0.99
DISTILLATE FUEL	1.49	1.56	1.63	1.70	1.77	1.84	1.90	1.97	2.04	2.12	2.21	2.30	2.40	2.51	2.61
RESIDUAL FUEL	1.50	1.56	1.62	1.68	1.75	1.81	1.87	1.93	2.00	2.06	2.14	2.23	2.31	2.41	2.50
NATURAL GAS	1.82	1.91	2.00	2.09	2.20	2.29	2.38	2.48	2.58	2.69	2.80	2.92	3.04	3.17	3.31
STEAM COAL	1.20	1.21	1.23	1.24	1.26	1.27	1.28	1.28	1.29	1.30	1.31	1.32	1.34	1.35	1.36
TRANSPORTATION															
MOTOR GASOLINE	1.31	1.35	1.38	1.42	1.46	1.49	1.52	1.56	1.59	1.63	1.68	1.73	1.78	1.83	1.88

PROJECTED WORLD OIL PRICE INDICES
(MID-1985 = 1.00)

OIL PRICE ASSUMPTION	1.49	1.56	1.63	1.71	1.79	1.85	1.92	1.99	2.06	2.14	2.23	2.33	2.43	2.53	2.64
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TABLE Ca-5. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 5 (Minnesota, Wisconsin, Michigan, Illinois, Indiana, Ohio)

SECTOR/FUEL	1985 AVERAGE FUEL PRICES (MID-1985 \$/MILLION BTU)	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)												
		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995		
RESIDENTIAL														
ELECTRICITY	21.49	1.00	1.03	1.04	1.03	1.00	0.98	0.96	0.94	0.92	0.91	0.90		
DISTILLATE FUEL	7.38	1.00	0.98	0.98	1.01	1.04	1.08	1.13	1.19	1.25	1.30	1.36		
LIQUEFIED PETROLEUM GAS	7.93	1.00	0.98	0.98	1.01	1.04	1.08	1.13	1.19	1.24	1.30	1.36		
NATURAL GAS	5.96	1.00	1.01	1.03	1.06	1.11	1.17	1.24	1.32	1.39	1.47	1.55		
COMMERCIAL														
ELECTRICITY	21.21	1.00	1.03	1.04	1.03	1.00	0.98	0.96	0.94	0.92	0.90	0.90		
DISTILLATE FUEL	6.16	1.00	0.97	0.98	1.01	1.05	1.09	1.16	1.23	1.29	1.36	1.43		
RESIDUAL FUEL	6.32	1.00	1.00	1.01	1.03	1.06	1.10	1.14	1.18	1.22	1.26	1.30		
NATURAL GAS	5.49	1.00	1.00	1.02	1.06	1.11	1.17	1.24	1.32	1.40	1.48	1.56		
STEAM COAL	2.22	1.00	1.01	1.02	1.03	1.05	1.07	1.08	1.09	1.11	1.12	1.13		
INDUSTRIAL														
ELECTRICITY	18.02	1.00	1.03	1.05	1.03	1.00	0.97	0.95	0.93	0.91	0.89	0.88		
DISTILLATE FUEL	6.55	1.00	0.98	0.98	1.01	1.05	1.09	1.15	1.21	1.28	1.34	1.41		
RESIDUAL FUEL	3.58	1.00	1.00	1.01	1.06	1.11	1.18	1.25	1.32	1.39	1.46	1.53		
NATURAL GAS	4.95	1.00	1.00	1.02	1.06	1.11	1.18	1.25	1.34	1.42	1.50	1.58		
STEAM COAL	1.92	1.00	1.01	1.02	1.03	1.04	1.06	1.08	1.09	1.10	1.11	1.12		
TRANSPORTATION														
MOTOR GASOLINE	10.72	1.00	0.98	0.98	1.00	1.02	1.04	1.08	1.13	1.17	1.22	1.27		

1985 WORLD OIL PRICE
 (MID-1985 \$/BARREL)

	PROJECTED WORLD OIL PRICE INDICES (MID-1985 = 1.00)										
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
OIL PRICE ASSUMPTION	29.03	0.96	0.96	1.00	1.04	1.07	1.14	1.21	1.29	1.36	1.43

TABLE Ca-5, continued. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
BY END-USE SECTOR AND MAJOR FUEL

DoE Region 5 (Minnesota, Wisconsin, Michigan, Illinois, Indiana, Ohio)

SECTOR/FUEL	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)														
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
RESIDENTIAL															
ELECTRICITY	0.91	0.92	0.93	0.94	0.96	0.97	0.97	0.98	0.99	1.00	0.99	0.99	0.99	0.98	0.98
DISTILLATE FUEL	1.41	1.46	1.52	1.58	1.63	1.69	1.74	1.79	1.85	1.90	1.98	2.05	2.13	2.21	2.29
LIQUEFIED PETROLEUM GAS	1.41	1.46	1.52	1.57	1.63	1.68	1.73	1.78	1.84	1.89	1.96	2.04	2.11	2.19	2.27
NATURAL GAS	1.61	1.67	1.74	1.80	1.87	1.94	2.00	2.07	2.14	2.22	2.30	2.38	2.47	2.56	2.65
COMMERCIAL															
ELECTRICITY	0.91	0.92	0.93	0.94	0.96	0.96	0.97	0.98	0.99	1.00	0.99	0.99	0.99	0.98	0.98
DISTILLATE FUEL	1.49	1.55	1.61	1.67	1.74	1.79	1.85	1.91	1.97	2.04	2.12	2.20	2.29	2.38	2.47
RESIDUAL FUEL	1.35	1.41	1.47	1.53	1.59	1.65	1.70	1.76	1.82	1.88	1.96	2.04	2.12	2.21	2.30
NATURAL GAS	1.63	1.69	1.76	1.84	1.91	1.98	2.05	2.12	2.20	2.28	2.36	2.46	2.55	2.65	2.75
STEAM COAL	1.14	1.16	1.17	1.19	1.21	1.21	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.30
INDUSTRIAL															
ELECTRICITY	0.89	0.91	0.92	0.93	0.95	0.96	0.97	0.98	0.99	1.00	1.00	0.99	0.99	0.99	0.99
DISTILLATE FUEL	1.47	1.53	1.60	1.68	1.75	1.81	1.88	1.95	2.02	2.09	2.18	2.27	2.37	2.47	2.58
RESIDUAL FUEL	1.59	1.65	1.72	1.79	1.86	1.92	1.98	2.05	2.12	2.19	2.27	2.36	2.46	2.55	2.65
NATURAL GAS	1.66	1.74	1.82	1.91	2.00	2.09	2.17	2.26	2.35	2.45	2.55	2.66	2.78	2.89	3.01
STEAM COAL	1.14	1.15	1.16	1.18	1.19	1.20	1.21	1.22	1.23	1.24	1.25	1.25	1.26	1.28	1.29
TRANSPORTATION															
MOTOR GASOLINE	1.30	1.33	1.37	1.40	1.44	1.47	1.51	1.54	1.58	1.61	1.66	1.71	1.76	1.81	1.86

PROJECTED WORLD OIL PRICE INDICES
(MID-1985 = 1.00)

OIL PRICE ASSUMPTION	1.49	1.56	1.63	1.71	1.79	1.85	1.92	1.99	2.06	2.14	2.23	2.33	2.43	2.53	2.64
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TABLE Ca-6. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 6 (Texas, New Mexico, Oklahoma, Arkansas, Louisiana)

SECTOR/FUEL	1985 AVERAGE FUEL PRICES (MID-1985 \$/MILLION BTU)	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)										
		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
RESIDENTIAL												
ELECTRICITY	20.21	1.00	1.03	1.05	1.05	1.05	1.06	1.07	1.08	1.10	1.11	1.13
DISTILLATE FUEL	6.25	1.00	0.98	0.98	1.01	1.05	1.09	1.16	1.22	1.29	1.36	1.43
LIQUEFIED PETROLEUM GAS	6.71	1.00	0.98	0.98	1.01	1.05	1.09	1.16	1.22	1.29	1.36	1.43
NATURAL GAS	5.70	1.00	1.03	1.07	1.12	1.18	1.25	1.32	1.40	1.48	1.57	1.65
COMMERCIAL												
ELECTRICITY	19.56	1.00	1.03	1.05	1.06	1.06	1.06	1.08	1.09	1.10	1.11	1.14
DISTILLATE FUEL	5.78	1.00	0.97	0.98	1.02	1.06	1.10	1.17	1.24	1.32	1.39	1.46
RESIDUAL FUEL	4.62	1.00	1.00	1.01	1.04	1.09	1.14	1.19	1.24	1.30	1.35	1.41
NATURAL GAS	5.29	1.00	1.01	1.05	1.09	1.13	1.20	1.27	1.35	1.43	1.51	1.60
STEAM COAL	2.04	1.00	1.02	1.03	1.03	1.05	1.07	1.08	1.10	1.11	1.13	1.15
INDUSTRIAL												
ELECTRICITY	17.16	1.00	1.04	1.06	1.06	1.06	1.07	1.09	1.10	1.12	1.13	1.16
DISTILLATE FUEL	6.04	1.00	0.97	0.98	1.01	1.05	1.09	1.16	1.23	1.30	1.37	1.44
RESIDUAL FUEL	3.93	1.00	1.00	1.01	1.06	1.11	1.17	1.23	1.29	1.36	1.42	1.49
NATURAL GAS	3.91	1.00	1.02	1.07	1.13	1.19	1.28	1.37	1.48	1.58	1.69	1.79
STEAM COAL	2.59	1.00	1.02	1.04	1.06	1.08	1.10	1.12	1.15	1.16	1.18	1.20
TRANSPORTATION												
MOTOR GASOLINE	9.89	1.00	0.98	0.98	1.00	1.02	1.04	1.09	1.14	1.19	1.24	1.29

1985 WORLD OIL PRICE (MID-1985 \$/BARREL)		PROJECTED WORLD OIL PRICE INDICES (MID-1985 = 1.00)									
1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
29.03	0.96	0.96	1.00	1.04	1.07	1.14	1.21	1.29	1.36	1.43	

TABLE Ca-6, continued. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 6 (Texas, New Mexico, Oklahoma, Arkansas, Louisiana)

SECTOR/FUEL	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)														
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
RESIDENTIAL															
ELECTRICITY	1.15	1.16	1.18	1.19	1.21	1.22	1.23	1.24	1.25	1.26	1.25	1.25	1.24	1.24	1.23
DISTILLATE FUEL	1.48	1.54	1.59	1.65	1.71	1.77	1.82	1.88	1.93	1.99	2.07	2.15	2.23	2.32	2.40
LIQUEFIED PETROLEUM GAS	1.48	1.53	1.59	1.65	1.71	1.76	1.81	1.87	1.93	1.99	2.06	2.14	2.22	2.30	2.39
NATURAL GAS	1.72	1.78	1.85	1.92	2.00	2.07	2.14	2.21	2.29	2.37	2.45	2.54	2.63	2.73	2.83
COMMERCIAL															
ELECTRICITY	1.15	1.17	1.18	1.20	1.21	1.22	1.23	1.24	1.25	1.26	1.26	1.25	1.25	1.25	1.24
DISTILLATE FUEL	1.52	1.58	1.64	1.71	1.77	1.83	1.89	1.95	2.02	2.08	2.16	2.25	2.34	2.43	2.52
RESIDUAL FUEL	1.46	1.53	1.59	1.66	1.73	1.78	1.85	1.91	1.97	2.04	2.12	2.21	2.30	2.40	2.49
NATURAL GAS	1.66	1.73	1.80	1.88	1.95	2.03	2.10	2.17	2.25	2.33	2.42	2.51	2.61	2.71	2.81
STEAM COAL	1.16	1.18	1.19	1.21	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.29	1.30	1.31
INDUSTRIAL															
ELECTRICITY	1.17	1.19	1.21	1.23	1.25	1.26	1.28	1.29	1.30	1.31	1.31	1.31	1.30	1.30	1.30
DISTILLATE FUEL	1.51	1.57	1.64	1.72	1.80	1.86	1.93	2.00	2.07	2.14	2.24	2.33	2.43	2.54	2.65
RESIDUAL FUEL	1.54	1.61	1.67	1.74	1.81	1.87	1.93	1.99	2.06	2.12	2.21	2.30	2.39	2.48	2.58
NATURAL GAS	1.88	1.97	2.07	2.17	2.27	2.37	2.46	2.56	2.67	2.78	2.90	3.02	3.15	3.28	3.42
STEAM COAL	1.22	1.23	1.25	1.26	1.28	1.29	1.30	1.31	1.32	1.33	1.34	1.35	1.36	1.37	1.38
TRANSPORTATION															
MOTOR GASOLINE	1.32	1.36	1.39	1.43	1.47	1.50	1.53	1.57	1.60	1.64	1.69	1.74	1.79	1.84	1.89
OIL PRICE ASSUMPTION															
	1.49	1.56	1.63	1.71	1.79	1.85	1.92	1.99	2.06	2.14	2.23	2.33	2.43	2.53	2.64

PROJECTED WORLD OIL PRICE INDICES
(MID-1985 = 1.00)

TABLE Ca-7. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 7 (Kansas, Missouri, Iowa, Nebraska)

SECTOR/FUEL	1985 AVERAGE FUEL PRICES (MID-1985 \$/MILLION BTU)	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)										
		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
RESIDENTIAL												
ELECTRICITY	22.43	1.00	1.05	1.02	0.98	0.96	0.95	0.94	0.92	0.91	0.90	0.88
DISTILLATE FUEL	7.00	1.00	0.98	0.98	1.01	1.05	1.08	1.14	1.20	1.26	1.32	1.38
LIQUEFIED PETROLEUM GAS	7.52	1.00	0.98	0.98	1.01	1.04	1.08	1.14	1.20	1.26	1.32	1.38
NATURAL GAS	5.45	1.00	1.00	1.04	1.10	1.15	1.23	1.31	1.39	1.47	1.56	1.64
COMMERCIAL												
ELECTRICITY	21.81	1.00	1.05	1.02	0.98	0.95	0.94	0.94	0.92	0.91	0.89	0.88
DISTILLATE FUEL	5.95	1.00	0.97	0.98	1.01	1.05	1.09	1.17	1.24	1.31	1.38	1.45
RESIDUAL FUEL	8.05	1.00	1.00	1.01	1.03	1.05	1.08	1.11	1.14	1.17	1.20	1.23
NATURAL GAS	4.66	1.00	0.99	1.04	1.10	1.15	1.24	1.32	1.42	1.50	1.59	1.68
STEAM COAL	2.27	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.10	1.11
INDUSTRIAL												
ELECTRICITY	19.41	1.00	1.06	1.02	0.98	0.95	0.94	0.93	0.91	0.90	0.88	0.87
DISTILLATE FUEL	6.33	1.00	0.98	0.98	1.01	1.05	1.09	1.16	1.22	1.29	1.35	1.42
RESIDUAL FUEL	3.49	1.00	1.00	1.01	1.06	1.11	1.18	1.25	1.32	1.39	1.47	1.54
NATURAL GAS	4.03	1.00	0.99	1.03	1.09	1.14	1.24	1.31	1.41	1.49	1.58	1.66
STEAM COAL	1.95	1.00	1.02	1.04	1.05	1.07	1.09	1.11	1.12	1.14	1.15	1.17
TRANSPORTATION												
MOTOR GASOLINE	10.13	1.00	0.98	0.98	1.00	1.02	1.04	1.09	1.14	1.18	1.23	1.28

1985 WORLD OIL PRICE
 (MID-1985 \$/BARREL)

OIL PRICE ASSUMPTION	PROJECTED WORLD OIL PRICE INDICES (MID-1985 = 1.00)										
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
29.03	1.00	0.96	0.96	1.00	1.04	1.07	1.14	1.21	1.29	1.36	1.43

TABLE Ca-7, continued. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 7 (Kansas, Missouri, Iowa, Nebraska)

SECTOR/FUEL	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)														
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
RESIDENTIAL															
ELECTRICITY	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.97	0.98	0.98	0.97	0.97	0.97	0.96
DISTILLATE FUEL	1.43	1.49	1.54	1.60	1.66	1.71	1.76	1.82	1.87	1.93	2.00	2.08	2.16	2.24	2.33
LIQUEFIED PETROLEUM GAS	1.43	1.48	1.54	1.59	1.65	1.70	1.75	1.81	1.86	1.92	1.99	2.07	2.14	2.22	2.31
NATURAL GAS	1.70	1.77	1.83	1.90	1.98	2.05	2.12	2.19	2.26	2.34	2.43	2.52	2.61	2.70	2.80
COMMERCIAL															
ELECTRICITY	0.89	0.90	0.92	0.93	0.94	0.95	0.96	0.96	0.97	0.98	0.98	0.97	0.97	0.97	0.96
DISTILLATE FUEL	1.51	1.56	1.63	1.69	1.76	1.81	1.87	1.93	2.00	2.06	2.14	2.23	2.31	2.40	2.50
RESIDUAL FUEL	1.28	1.34	1.40	1.45	1.52	1.57	1.62	1.68	1.73	1.79	1.86	1.94	2.02	2.10	2.19
NATURAL GAS	1.75	1.82	1.90	1.97	2.05	2.13	2.20	2.28	2.37	2.45	2.54	2.64	2.74	2.85	2.96
STEAM COAL	1.12	1.13	1.15	1.16	1.18	1.19	1.20	1.21	1.21	1.22	1.23	1.24	1.25	1.26	1.27
INDUSTRIAL															
ELECTRICITY	0.88	0.89	0.91	0.92	0.94	0.95	0.96	0.96	0.97	0.98	0.98	0.98	0.98	0.98	0.97
DISTILLATE FUEL	1.49	1.55	1.62	1.70	1.77	1.84	1.90	1.97	2.04	2.11	2.20	2.30	2.40	2.50	2.61
RESIDUAL FUEL	1.60	1.66	1.73	1.80	1.87	1.93	2.00	2.06	2.13	2.20	2.28	2.38	2.47	2.57	2.67
NATURAL GAS	1.74	1.83	1.92	2.01	2.11	2.19	2.28	2.38	2.47	2.57	2.68	2.80	2.92	3.04	3.17
STEAM COAL	1.19	1.20	1.22	1.23	1.25	1.26	1.27	1.28	1.29	1.30	1.31	1.31	1.32	1.34	1.35
TRANSPORTATION															
MOTOR GASOLINE	1.32	1.35	1.38	1.42	1.46	1.49	1.53	1.56	1.60	1.63	1.68	1.73	1.78	1.83	1.88

PROJECTED WORLD OIL PRICE INDICES
(MID-1985 = 1.00)

OIL PRICE ASSUMPTION	1.49	1.56	1.63	1.71	1.79	1.85	1.92	1.99	2.06	2.14	2.23	2.33	2.43	2.53	2.64
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TABLE Ca-8. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 8 (Montana, North Dakota, South Dakota, Wyoming, Utah, Colorado)

SECTOR/FUEL	1985 AVERAGE FUEL PRICES (MID-1985 \$/MILLION BTU)	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)										
		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
RESIDENTIAL												
ELECTRICITY	19.74	1.00	1.01	1.00	1.00	0.99	0.98	0.97	0.96	0.94	0.93	0.93
DISTILLATE FUEL	6.86	1.00	0.98	0.98	1.01	1.05	1.08	1.14	1.20	1.27	1.33	1.39
LIQUEFIED PETROLEUM GAS	7.37	1.00	0.98	0.98	1.01	1.05	1.08	1.14	1.20	1.26	1.32	1.39
NATURAL GAS	5.33	1.00	1.00	1.03	1.05	1.07	1.13	1.19	1.25	1.32	1.39	1.46
COMMERCIAL												
ELECTRICITY	19.01	1.00	1.01	1.01	1.00	0.99	0.98	0.97	0.96	0.94	0.93	0.93
DISTILLATE FUEL	6.17	1.00	0.97	0.98	1.01	1.05	1.09	1.16	1.23	1.29	1.36	1.43
RESIDUAL FUEL	4.72	1.00	1.00	1.01	1.04	1.08	1.13	1.19	1.24	1.29	1.35	1.40
NATURAL GAS	5.39	1.00	1.01	1.03	1.04	1.05	1.11	1.17	1.23	1.29	1.36	1.43
STEAM COAL	1.13	1.00	1.03	1.04	1.05	1.06	1.07	1.09	1.10	1.11	1.13	1.14
INDUSTRIAL												
ELECTRICITY	15.93	1.00	1.01	1.01	1.00	0.99	0.98	0.96	0.95	0.93	0.91	0.92
DISTILLATE FUEL	6.23	1.00	0.98	0.98	1.01	1.05	1.09	1.16	1.22	1.29	1.36	1.43
RESIDUAL FUEL	3.31	1.00	1.00	1.01	1.06	1.12	1.19	1.26	1.34	1.41	1.49	1.57
NATURAL GAS	4.27	1.00	1.00	1.02	1.05	1.05	1.14	1.20	1.28	1.35	1.44	1.52
STEAM COAL	1.16	1.00	1.02	1.04	1.04	1.05	1.07	1.09	1.11	1.13	1.13	1.14
TRANSPORTATION												
MOTOR GASOLINE	10.23	1.00	0.98	0.98	1.00	1.02	1.04	1.09	1.13	1.18	1.23	1.28

1985 WORLD OIL PRICE (MID-1985 \$/BARREL)	PROJECTED WORLD OIL PRICE INDICES (MID-1985 = 1.00)										
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
29.03	1.00	0.96	0.96	1.00	1.04	1.07	1.14	1.21	1.29	1.36	1.43

TABLE Ca-8, continued. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
BY END-USE SECTOR AND MAJOR FUEL

DoE Region 8 (Montana, North Dakota, South Dakota, Wyoming, Utah, Colorado)

SECTOR/FUEL	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)														
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
RESIDENTIAL															
ELECTRICITY	0.94	0.96	0.97	0.98	0.99	1.00	1.01	1.02	1.03	1.03	1.03	1.03	1.02	1.02	1.01
DISTILLATE FUEL	1.44	1.49	1.55	1.61	1.67	1.72	1.77	1.83	1.88	1.94	2.02	2.09	2.17	2.25	2.34
LIQUEFIED PETROLEUM GAS	1.44	1.49	1.55	1.60	1.66	1.71	1.77	1.82	1.87	1.93	2.00	2.08	2.16	2.24	2.32
NATURAL GAS	1.52	1.58	1.64	1.70	1.77	1.83	1.89	1.96	2.02	2.09	2.17	2.25	2.33	2.41	2.50
COMMERCIAL															
ELECTRICITY	0.94	0.95	0.97	0.98	0.99	1.00	1.01	1.02	1.03	1.03	1.03	1.03	1.02	1.02	1.01
DISTILLATE FUEL	1.49	1.55	1.61	1.67	1.74	1.79	1.85	1.91	1.97	2.04	2.12	2.20	2.29	2.38	2.47
RESIDUAL FUEL	1.46	1.52	1.58	1.65	1.72	1.78	1.84	1.90	1.96	2.03	2.11	2.20	2.29	2.38	2.48
NATURAL GAS	1.49	1.55	1.61	1.68	1.75	1.81	1.88	1.94	2.01	2.08	2.16	2.25	2.33	2.42	2.52
STEAM COAL	1.15	1.17	1.17	1.19	1.21	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.28	1.29	1.30
INDUSTRIAL															
ELECTRICITY	0.93	0.94	0.96	0.98	0.99	1.00	1.01	1.02	1.03	1.04	1.04	1.04	1.03	1.03	1.03
DISTILLATE FUEL	1.49	1.56	1.63	1.70	1.78	1.84	1.91	1.98	2.05	2.12	2.21	2.31	2.41	2.51	2.62
RESIDUAL FUEL	1.63	1.70	1.76	1.83	1.91	1.97	2.03	2.10	2.17	2.24	2.33	2.42	2.52	2.62	2.72
NATURAL GAS	1.59	1.67	1.75	1.83	1.92	2.00	2.08	2.17	2.26	2.35	2.45	2.56	2.67	2.78	2.90
STEAM COAL	1.16	1.17	1.19	1.21	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.29	1.30	1.31
TRANSPORTATION															
MOTOR GASOLINE	1.31	1.35	1.38	1.42	1.45	1.49	1.52	1.56	1.59	1.63	1.67	1.72	1.77	1.82	1.88

PROJECTED WORLD OIL PRICE INDICES
(MID-1985 = 1.00)

OIL PRICE ASSUMPTION	1.49	1.56	1.63	1.71	1.79	1.85	1.92	1.99	2.06	2.14	2.23	2.33	2.43	2.53	2.64
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TABLE Ca-9. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 9 (California, Nevada, Arizona, Hawaii, Trust Territory of the Pacific Islands, American Samoa, Guam)

SECTOR/FUEL	1985 AVERAGE FUEL PRICES (MID-1985 \$/MILLION BTU)	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)											
		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
RESIDENTIAL													
ELECTRICITY	20.07	1.00	1.06	1.06	1.05	1.04	1.04	1.05	1.06	1.07	1.08	1.11	1.13
DISTILLATE FUEL	7.19	1.00	0.98	0.98	1.01	1.04	1.06	1.08	1.14	1.19	1.25	1.31	1.37
LIQUEFIED PETROLEUM GAS	7.71	1.00	0.98	0.98	1.01	1.04	1.04	1.08	1.14	1.19	1.25	1.31	1.37
NATURAL GAS	5.53	1.00	0.97	1.01	1.04	1.16	1.23	1.30	1.38	1.45	1.53	1.60	1.60
COMMERCIAL													
ELECTRICITY	19.83	1.00	1.06	1.06	1.05	1.04	1.04	1.05	1.06	1.07	1.09	1.11	1.13
DISTILLATE FUEL	5.77	1.00	0.97	0.98	1.01	1.06	1.10	1.10	1.17	1.24	1.32	1.39	1.46
RESIDUAL FUEL	5.80	1.00	1.00	1.01	1.03	1.07	1.11	1.11	1.15	1.19	1.24	1.28	1.32
NATURAL GAS	6.32	1.00	0.95	0.97	0.98	1.09	1.14	1.18	1.18	1.23	1.27	1.33	1.37
STEAM COAL	2.17	1.00	1.11	1.11	1.13	1.15	1.17	1.20	1.20	1.22	1.23	1.26	1.29
INDUSTRIAL													
ELECTRICITY	18.19	1.00	1.06	1.07	1.05	1.05	1.06	1.06	1.06	1.08	1.09	1.12	1.14
DISTILLATE FUEL	6.00	1.00	0.97	0.98	1.01	1.05	1.09	1.09	1.16	1.23	1.30	1.37	1.44
RESIDUAL FUEL	4.97	1.00	1.00	1.01	1.05	1.09	1.14	1.14	1.19	1.24	1.29	1.35	1.40
NATURAL GAS	5.10	1.00	0.96	0.99	1.01	1.11	1.18	1.18	1.24	1.31	1.38	1.45	1.51
STEAM COAL	2.70	1.00	1.02	1.03	1.03	1.05	1.06	1.06	1.08	1.10	1.11	1.12	1.14
TRANSPORTATION													
MOTOR GASOLINE	9.90	1.00	0.97	0.97	1.00	1.02	1.04	1.04	1.09	1.14	1.19	1.24	1.29

1985 WORLD OIL PRICE (MID-1985 \$/BARREL)		PROJECTED WORLD OIL PRICE INDICES (MID-1985 = 1.00)										
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
OIL PRICE ASSUMPTION	29.03	1.00	0.96	0.96	1.00	1.04	1.07	1.14	1.21	1.29	1.36	1.43

TABLE Ca-9, continued. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
BY END-USE SECTOR AND MAJOR FUEL

DoE Region 9 (California, Nevada, Arizona, Hawaii, Trust Territory of the Pacific Islands, American Samoa, Guam)

SECTOR/FUEL	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)														
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
RESIDENTIAL															
ELECTRICITY	1.14	1.16	1.17	1.19	1.20	1.21	1.22	1.23	1.24	1.25	1.25	1.24	1.24	1.23	1.23
DISTILLATE FUEL	1.42	1.47	1.53	1.59	1.65	1.70	1.75	1.80	1.86	1.92	1.99	2.06	2.14	2.23	2.31
LIQUEFIED PETROLEUM GAS	1.42	1.47	1.53	1.58	1.64	1.69	1.74	1.80	1.85	1.91	1.98	2.05	2.13	2.21	2.29
NATURAL GAS	1.67	1.73	1.80	1.87	1.94	2.01	2.07	2.14	2.22	2.29	2.38	2.47	2.56	2.65	2.74
COMMERCIAL															
ELECTRICITY	1.14	1.16	1.17	1.19	1.20	1.21	1.22	1.23	1.24	1.25	1.25	1.24	1.24	1.24	1.23
DISTILLATE FUEL	1.52	1.58	1.64	1.71	1.78	1.83	1.89	1.95	2.02	2.08	2.16	2.25	2.34	2.43	2.53
RESIDUAL FUEL	1.38	1.44	1.50	1.56	1.62	1.68	1.74	1.80	1.86	1.92	2.00	2.08	2.17	2.25	2.35
NATURAL GAS	1.43	1.49	1.55	1.61	1.68	1.74	1.80	1.86	1.93	2.00	2.08	2.16	2.24	2.32	2.41
STEAM COAL	1.31	1.32	1.34	1.35	1.37	1.38	1.39	1.40	1.42	1.43	1.44	1.44	1.46	1.47	1.48
INDUSTRIAL															
ELECTRICITY	1.16	1.18	1.19	1.21	1.23	1.24	1.26	1.27	1.28	1.29	1.29	1.29	1.29	1.28	1.28
DISTILLATE FUEL	1.51	1.58	1.65	1.72	1.80	1.86	1.93	2.00	2.07	2.15	2.24	2.33	2.44	2.54	2.65
RESIDUAL FUEL	1.46	1.51	1.58	1.64	1.70	1.76	1.82	1.88	1.94	2.00	2.08	2.16	2.25	2.34	2.43
NATURAL GAS	1.58	1.66	1.74	1.83	1.91	1.99	2.08	2.16	2.25	2.34	2.44	2.54	2.65	2.76	2.88
STEAM COAL	1.15	1.17	1.18	1.20	1.22	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.30	1.31
TRANSPORTATION															
MOTOR GASOLINE	1.32	1.36	1.39	1.43	1.46	1.50	1.53	1.57	1.60	1.64	1.69	1.74	1.79	1.84	1.89

PROJECTED WORLD OIL PRICE INDICES
(MID-1985 = 1.00)

OIL PRICE ASSUMPTION	1.49	1.56	1.63	1.71	1.79	1.85	1.92	1.99	2.06	2.14	2.23	2.33	2.43	2.53	2.64
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TABLE Ca-10. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 10 (Washington, Oregon, Idaho, Alaska)

SECTOR/FUEL	1985 AVERAGE FUEL PRICES (MID-1985 \$/MILLION BTU)	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)										
		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
RESIDENTIAL												
ELECTRICITY	10.46	1.00	0.95	0.95	0.96	0.96	0.97	1.00	1.02	1.00	1.02	1.05
DISTILLATE FUEL	7.70	1.00	0.98	0.98	1.01	1.04	1.07	1.13	1.18	1.24	1.29	1.35
LIQUEFIED PETROLEUM GAS	8.26	1.00	0.98	0.98	1.01	1.04	1.07	1.13	1.18	1.24	1.29	1.35
NATURAL GAS	7.42	1.00	0.99	0.99	0.99	1.05	1.10	1.13	1.18	1.23	1.28	1.33
COMMERCIAL												
ELECTRICITY	10.42	1.00	0.95	0.95	0.96	0.96	0.97	1.00	1.02	1.00	1.02	1.05
DISTILLATE FUEL	6.16	1.00	0.97	0.98	1.01	1.05	1.09	1.16	1.23	1.30	1.36	1.43
RESIDUAL FUEL	6.69	1.00	1.00	1.00	1.03	1.06	1.09	1.13	1.17	1.20	1.24	1.28
NATURAL GAS	6.85	1.00	1.00	1.00	1.00	1.06	1.12	1.16	1.22	1.27	1.33	1.38
STEAM COAL	2.80	1.00	1.00	1.01	1.02	1.03	1.04	1.06	1.07	1.08	1.09	1.11
INDUSTRIAL												
ELECTRICITY	7.91	1.00	0.94	0.93	0.94	0.94	0.96	0.99	1.02	0.99	1.02	1.06
DISTILLATE FUEL	6.30	1.00	0.98	0.98	1.01	1.05	1.09	1.16	1.22	1.29	1.36	1.42
RESIDUAL FUEL	5.84	1.00	1.00	1.01	1.04	1.07	1.11	1.15	1.19	1.24	1.28	1.32
NATURAL GAS	5.45	1.00	1.00	1.00	1.00	1.08	1.15	1.20	1.26	1.32	1.39	1.45
STEAM COAL	2.80	1.00	1.01	1.02	1.03	1.04	1.06	1.07	1.09	1.11	1.12	1.14
TRANSPORTATION												
MOTOR GASOLINE	10.21	1.00	0.98	0.98	1.00	1.02	1.04	1.09	1.13	1.18	1.23	1.28

1985 WORLD OIL PRICE
 (MID-1985 \$/BARREL)

OIL PRICE ASSUMPTION	PROJECTED WORLD OIL PRICE INDICES (MID-1985 = 1.00)											
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
	29.03	1.00	0.96	0.96	1.00	1.04	1.07	1.14	1.21	1.29	1.36	1.43

TABLE Ca-10, continued. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 10 (Washington, Oregon, Idaho, Alaska)

SECTOR/FUEL	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)														
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
RESIDENTIAL															
ELECTRICITY	1.06	1.08	1.09	1.10	1.12	1.13	1.14	1.15	1.16	1.16	1.16	1.16	1.15	1.15	1.14
DISTILLATE FUEL	1.40	1.45	1.50	1.56	1.62	1.67	1.72	1.77	1.83	1.88	1.95	2.03	2.10	2.18	2.27
LIQUEFIED PETROLEUM GAS	1.40	1.45	1.50	1.55	1.61	1.66	1.71	1.77	1.82	1.87	1.94	2.02	2.09	2.17	2.25
NATURAL GAS	1.38	1.44	1.49	1.55	1.61	1.66	1.72	1.78	1.84	1.91	1.97	2.05	2.12	2.20	2.28
COMMERCIAL															
ELECTRICITY	1.06	1.08	1.09	1.11	1.12	1.13	1.14	1.15	1.16	1.17	1.16	1.16	1.15	1.15	1.15
DISTILLATE FUEL	1.49	1.55	1.61	1.67	1.74	1.79	1.85	1.91	1.98	2.04	2.12	2.20	2.29	2.38	2.47
RESIDUAL FUEL	1.33	1.39	1.45	1.51	1.57	1.63	1.68	1.74	1.80	1.86	1.93	2.01	2.10	2.18	2.27
NATURAL GAS	1.44	1.50	1.56	1.63	1.69	1.75	1.82	1.88	1.95	2.02	2.10	2.18	2.26	2.35	2.44
STEAM COAL	1.12	1.14	1.15	1.17	1.18	1.19	1.20	1.21	1.22	1.23	1.24	1.24	1.26	1.26	1.27
INDUSTRIAL															
ELECTRICITY	1.08	1.10	1.12	1.13	1.15	1.16	1.17	1.18	1.20	1.21	1.21	1.20	1.20	1.20	1.20
DISTILLATE FUEL	1.49	1.55	1.62	1.70	1.77	1.84	1.90	1.97	2.04	2.12	2.21	2.30	2.40	2.50	2.61
RESIDUAL FUEL	1.37	1.43	1.49	1.55	1.61	1.66	1.72	1.77	1.83	1.89	1.97	2.04	2.13	2.21	2.30
NATURAL GAS	1.52	1.60	1.68	1.76	1.84	1.92	2.00	2.08	2.17	2.25	2.35	2.45	2.55	2.66	2.77
STEAM COAL	1.15	1.17	1.18	1.20	1.21	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.30	1.30
TRANSPORTATION															
MOTOR GASOLINE	1.31	1.35	1.38	1.42	1.45	1.49	1.52	1.56	1.59	1.63	1.67	1.72	1.77	1.82	1.88

PROJECTED WORLD OIL PRICE INDICES
(MID-1985 = 1.00)

OIL PRICE ASSUMPTION	1.49	1.56	1.63	1.71	1.79	1.85	1.92	1.99	2.06	2.14	2.23	2.33	2.43	2.53	2.64
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TABLE Ca-11. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
 BY END-USE SECTOR AND MAJOR FUEL
 United States Average

SECTOR/FUEL	1985 AVERAGE FUEL PRICES (MID-1985 \$/MILLION BTU)	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)											
		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
RESIDENTIAL													
ELECTRICITY	20.54	1.00	1.01	1.01	1.01	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.98
DISTILLATE FUEL	7.75	1.00	0.98	0.98	1.01	1.04	1.07	1.13	1.18	1.24	1.29	1.35	1.35
LIQUEFIED PETROLEUM GAS	7.81	1.00	0.98	0.98	1.01	1.04	1.08	1.13	1.19	1.25	1.31	1.36	1.36
NATURAL GAS	6.16	1.00	1.00	1.03	1.06	1.12	1.18	1.24	1.32	1.39	1.46	1.53	1.53
COMMERCIAL													
ELECTRICITY	20.78	1.00	1.01	1.02	1.02	1.01	1.00	0.99	0.99	0.99	0.98	0.99	0.99
DISTILLATE FUEL	6.34	1.00	0.97	0.98	1.01	1.05	1.09	1.15	1.22	1.28	1.35	1.42	1.42
RESIDUAL FUEL	5.32	1.00	1.00	1.00	1.04	1.07	1.11	1.16	1.20	1.25	1.30	1.35	1.35
NATURAL GAS	5.68	1.00	1.00	1.02	1.05	1.11	1.17	1.24	1.31	1.38	1.45	1.52	1.52
STEAM COAL	2.16	1.00	1.01	1.02	1.04	1.05	1.07	1.08	1.09	1.11	1.12	1.13	1.13
INDUSTRIAL													
ELECTRICITY	17.43	1.00	1.01	1.02	1.02	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.97
DISTILLATE FUEL	6.27	1.00	0.98	0.98	1.01	1.05	1.09	1.15	1.22	1.29	1.35	1.42	1.42
RESIDUAL FUEL	4.33	1.00	1.00	1.01	1.05	1.09	1.14	1.20	1.26	1.31	1.37	1.43	1.43
NATURAL GAS	4.46	1.00	1.00	1.03	1.08	1.14	1.22	1.30	1.39	1.47	1.56	1.65	1.65
STEAM COAL	2.04	1.00	1.03	1.05	1.07	1.09	1.11	1.13	1.16	1.18	1.20	1.22	1.22
TRANSPORTATION													
MOTOR GASOLINE	10.25	1.00	0.97	0.98	1.00	1.02	1.04	1.09	1.13	1.18	1.23	1.28	1.28

1985 WORLD OIL PRICE (MID-1985 \$/BARREL)	PROJECTED WORLD OIL PRICE INDICES (MID-1985 = 1.00)										
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
29.03	1.00	0.96	0.96	1.00	1.04	1.07	1.14	1.21	1.29	1.36	1.43

OIL PRICE ASSUMPTION

TABLE Ca-11, continued. 1985 AVERAGE FUEL PRICES AND PROJECTED AVERAGE FUEL PRICE INDICES
 BY END-USE SECTOR AND MAJOR FUEL
 United States Average

SECTOR/FUEL	PROJECTED AVERAGE FUEL PRICE INDICES (MID-1985 = 1.00)														
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
RESIDENTIAL															
ELECTRICITY	0.99	1.00	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.08	1.08	1.07	1.07	1.07
DISTILLATE FUEL	1.40	1.45	1.50	1.56	1.62	1.67	1.72	1.77	1.82	1.88	1.95	2.03	2.10	2.18	2.27
LIQUEFIED PETROLEUM GAS	1.41	1.47	1.52	1.58	1.63	1.68	1.74	1.79	1.84	1.90	1.97	2.04	2.12	2.20	2.28
NATURAL GAS	1.59	1.65	1.71	1.78	1.85	1.91	1.97	2.04	2.11	2.19	2.26	2.35	2.43	2.52	2.61
COMMERCIAL															
ELECTRICITY	1.00	1.01	1.02	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.09	1.09	1.08	1.08	1.08
DISTILLATE FUEL	1.47	1.53	1.59	1.65	1.72	1.77	1.83	1.89	1.95	2.01	2.09	2.18	2.26	2.35	2.44
RESIDUAL FUEL	1.40	1.46	1.52	1.58	1.65	1.71	1.77	1.82	1.89	1.95	2.03	2.12	2.20	2.29	2.39
NATURAL GAS	1.58	1.65	1.72	1.79	1.86	1.93	2.00	2.07	2.14	2.22	2.30	2.39	2.48	2.58	2.68
STEAM COAL	1.14	1.16	1.18	1.19	1.21	1.22	1.23	1.24	1.25	1.25	1.26	1.27	1.28	1.29	1.30
INDUSTRIAL															
ELECTRICITY	0.99	1.00	1.02	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.10	1.10	1.10	1.09	1.09
DISTILLATE FUEL	1.48	1.55	1.62	1.69	1.77	1.83	1.90	1.97	2.04	2.11	2.20	2.29	2.39	2.50	2.60
RESIDUAL FUEL	1.49	1.55	1.61	1.67	1.74	1.79	1.85	1.91	1.98	2.04	2.12	2.21	2.29	2.39	2.48
NATURAL GAS	1.73	1.81	1.90	1.99	2.09	2.17	2.26	2.35	2.45	2.55	2.66	2.77	2.89	3.01	3.14
STEAM COAL	1.23	1.25	1.26	1.28	1.30	1.30	1.31	1.32	1.34	1.35	1.36	1.37	1.38	1.39	1.40
TRANSPORTATION															
MOTOR GASOLINE	1.31	1.34	1.38	1.42	1.45	1.49	1.52	1.55	1.59	1.63	1.67	1.72	1.77	1.82	1.87

PROJECTED WORLD OIL PRICE INDICES
(MID-1985 = 1.00)

OIL PRICE ASSUMPTION	1.49	1.56	1.63	1.71	1.79	1.85	1.92	1.99	2.06	2.14	2.23	2.33	2.43	2.53	2.64
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TABLE Cb-1. PROJECTED AVERAGE FUEL PRICE ESCALATION RATES FOR SELECTED PERIODS
 BY END-USE SECTOR AND MAJOR FUEL
 (PERCENTAGE CHANGE COMPOUNDED ANNUALLY)

DoE Region 1 (Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island)

SECTOR/FUEL	1985 to 1990	1990 to 1995	1995 to 2000	2000 to 2005	2005 to 2010
RESIDENTIAL					
ELECTRICITY	1.25	0.06	1.31	0.82	-0.39
DISTILLATE FUEL	1.39	4.57	3.72	3.09	3.80
LIQUEFIED PETROLEUM GAS	1.39	4.58	3.66	3.07	3.74
NATURAL GAS	3.93	4.71	3.88	3.42	3.64
COMMERCIAL					
ELECTRICITY	1.24	0.07	1.32	0.83	-0.37
DISTILLATE FUEL	1.58	5.13	3.95	3.23	3.94
RESIDUAL FUEL	2.09	3.66	4.21	3.42	4.10
NATURAL GAS	4.55	5.45	4.12	3.58	3.82
STEAM COAL	1.43	1.64	1.23	0.78	0.75
INDUSTRIAL					
ELECTRICITY	1.40	0.08	1.60	0.97	-0.22
DISTILLATE FUEL	1.61	5.21	4.49	3.58	4.31
RESIDUAL FUEL	2.34	4.03	4.02	3.28	3.95
NATURAL GAS	5.50	5.60	4.84	4.10	4.25
STEAM COAL	1.46	1.66	1.26	0.73	0.77
TRANSPORTATION					
MOTOR GASOLINE	0.74	4.15	2.63	2.26	2.89
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WORLD OIL PRICE ASSUMPTION	1.39	5.92	4.58	3.64	4.35

TABLE Cb-2. PROJECTED AVERAGE FUEL PRICE ESCALATION RATES FOR SELECTED PERIODS
 BY END-USE SECTOR AND MAJOR FUEL
 (PERCENTAGE CHANGE COMPOUNDED ANNUALLY)

DoE Region 2 (New York, New Jersey, Puerto Rico, Virgin Islands)

SECTOR/FUEL	1985 to 1990	1990 to 1995	1995 to 2000	2000 to 2005	2005 to 2010
RESIDENTIAL					
ELECTRICITY	0.26	-0.79	1.30	0.83	-0.39
DISTILLATE FUEL	1.36	4.51	3.73	3.07	3.81
LIQUEFIED PETROLEUM GAS	1.36	4.47	3.68	3.06	3.74
NATURAL GAS	2.55	4.14	3.86	3.44	3.64
COMMERCIAL					
ELECTRICITY	0.27	-0.82	1.32	0.83	-0.37
DISTILLATE FUEL	1.63	5.27	3.96	3.24	3.92
RESIDUAL FUEL	2.21	3.77	4.20	3.41	4.09
NATURAL GAS	2.61	4.56	4.12	3.57	3.82
STEAM COAL	1.29	1.22	1.22	0.81	0.72
INDUSTRIAL					
ELECTRICITY	0.34	-1.02	1.60	0.98	-0.22
DISTILLATE FUEL	1.62	5.22	4.49	3.59	4.31
RESIDUAL FUEL	2.41	4.04	4.01	3.28	3.96
NATURAL GAS	3.62	4.70	4.86	4.10	4.23
STEAM COAL	1.59	1.47	1.29	0.73	0.78
TRANSPORTATION					
MOTOR GASOLINE	0.75	4.20	2.62	2.28	2.88
<hr/>					
WORLD OIL PRICE ASSUMPTION	1.39	5.92	4.58	3.64	4.35

TABLE Cb-3. PROJECTED AVERAGE FUEL PRICE ESCALATION RATES FOR SELECTED PERIODS
 BY END-USE SECTOR AND MAJOR FUEL
 (PERCENTAGE CHANGE COMPOUNDED ANNUALLY)

DoE Region 3
 (Pennsylvania, Maryland, West Virginia, Virginia, District of Columbia, Delaware)

SECTOR/FUEL	1985 to 1990	1990 to 1995	1995 to 2000	2000 to 2005	2005 to 2010
RESIDENTIAL					
ELECTRICITY	-0.54	0.23	1.30	0.82	-0.40
DISTILLATE FUEL	1.41	4.62	3.73	3.09	3.79
LIQUEFIED PETROLEUM GAS	1.41	4.60	3.68	3.06	3.74
NATURAL GAS	2.99	4.00	3.89	3.43	3.63
COMMERCIAL					
ELECTRICITY	-0.54	0.24	1.32	0.83	-0.37
DISTILLATE FUEL	1.75	5.50	3.94	3.24	3.93
RESIDUAL FUEL	2.31	3.99	4.22	3.40	4.10
NATURAL GAS	2.66	4.08	4.12	3.59	3.82
STEAM COAL	1.36	1.19	1.28	0.76	0.73
INDUSTRIAL					
ELECTRICITY	-0.63	0.28	1.59	0.99	-0.23
DISTILLATE FUEL	1.67	5.38	4.48	3.60	4.30
RESIDUAL FUEL	2.60	4.35	3.98	3.30	3.96
NATURAL GAS	3.63	4.41	4.83	4.11	4.24
STEAM COAL	1.34	1.35	1.27	0.74	0.80
TRANSPORTATION					
MOTOR GASOLINE	0.75	4.20	2.62	2.27	2.89
<hr/>					
WORLD OIL PRICE ASSUMPTION	1.39	5.92	4.58	3.64	4.35

TABLE Cb-4. PROJECTED AVERAGE FUEL PRICE ESCALATION RATES FOR SELECTED PERIODS
 BY END-USE SECTOR AND MAJOR FUEL
 (PERCENTAGE CHANGE COMPOUNDED ANNUALLY)
 DoE Region 4 (Kentucky, Tennessee, North Carolina, South Carolina,
 Mississippi, Alabama, Georgia, Florida, Canal Zone)

SECTOR/FUEL	1985 to 1990	1990 to 1995	1995 to 2000	2000 to 2005	2005 to 2010
RESIDENTIAL					
ELECTRICITY	-0.87	-1.40	1.30	0.82	-0.39
DISTILLATE FUEL	1.41	4.63	3.72	3.08	3.80
LIQUEFIED PETROLEUM GAS	1.41	4.64	3.67	3.06	3.75
NATURAL GAS	4.46	5.90	3.87	3.44	3.64
COMMERCIAL					
ELECTRICITY	-0.86	-1.38	1.32	0.83	-0.37
DISTILLATE FUEL	1.77	5.65	3.94	3.24	3.94
RESIDUAL FUEL	2.23	3.90	4.18	3.40	4.11
NATURAL GAS	4.05	6.22	4.11	3.57	3.82
STEAM COAL	1.49	1.29	1.21	0.82	0.71
INDUSTRIAL					
ELECTRICITY	-1.01	-1.59	1.59	0.98	-0.22
DISTILLATE FUEL	1.72	5.51	4.49	3.60	4.31
RESIDUAL FUEL	2.80	4.63	4.02	3.27	3.97
NATURAL GAS	4.60	6.71	4.86	4.09	4.24
STEAM COAL	1.69	1.65	1.28	0.73	0.78
TRANSPORTATION					
MOTOR GASOLINE	0.76	4.26	2.62	2.28	2.89
<hr/>					
WORLD OIL PRICE ASSUMPTION	1.39	5.92	4.58	3.64	4.35

TABLE Cb-5. PROJECTED AVERAGE FUEL PRICE ESCALATION RATES FOR SELECTED PERIODS
 BY END-USE SECTOR AND MAJOR FUEL

(PERCENTAGE CHANGE COMPOUNDED ANNUALLY)

DoE Region 5 (Minnesota, Wisconsin, Michigan, Illinois, Indiana, Ohio)

SECTOR/FUEL	1985 to 1990	1990 to 1995	1995 to 2000	2000 to 2005	2005 to 2010
RESIDENTIAL					
ELECTRICITY	-0.48	-1.68	1.30	0.82	-0.39
DISTILLATE FUEL	1.47	4.84	3.71	3.09	3.80
LIQUEFIED PETROLEUM GAS	1.47	4.79	3.68	3.05	3.74
NATURAL GAS	3.23	5.74	3.86	3.43	3.63
COMMERCIAL					
ELECTRICITY	-0.48	-1.70	1.32	0.83	-0.38
DISTILLATE FUEL	1.76	5.60	3.93	3.25	3.92
RESIDUAL FUEL	1.93	3.35	4.19	3.41	4.10
NATURAL GAS	3.19	5.97	4.10	3.57	3.83
STEAM COAL	1.28	1.20	1.29	0.76	0.74
INDUSTRIAL					
ELECTRICITY	-0.57	-2.02	1.60	0.99	-0.22
DISTILLATE FUEL	1.65	5.32	4.48	3.58	4.32
RESIDUAL FUEL	3.36	5.30	3.99	3.30	3.95
NATURAL GAS	3.33	6.05	4.86	4.10	4.23
STEAM COAL	1.16	1.10	1.32	0.71	0.77
TRANSPORTATION					
MOTOR GASOLINE	0.72	4.08	2.62	2.27	2.89
<hr/>					
WORLD OIL PRICE ASSUMPTION	1.39	5.92	4.58	3.64	4.35

TABLE Cb-6. PROJECTED AVERAGE FUEL PRICE ESCALATION RATES FOR SELECTED PERIODS
 BY END-USE SECTOR AND MAJOR FUEL
 (PERCENTAGE CHANGE COMPOUNDED ANNUALLY)

DoE Region 6 (Texas, New Mexico, Oklahoma, Arkansas, Louisiana)

SECTOR/FUEL	1985 to 1990	1990 to 1995	1995 to 2000	2000 to 2005	2005 to 2010
RESIDENTIAL					
ELECTRICITY	1.11	1.38	1.30	0.82	-0.39
DISTILLATE FUEL	1.73	5.53	3.73	3.08	3.81
LIQUEFIED PETROLEUM GAS	1.76	5.51	3.66	3.06	3.74
NATURAL GAS	4.58	5.73	3.87	3.43	3.63
COMMERCIAL					
ELECTRICITY	1.14	1.42	1.32	0.83	-0.37
DISTILLATE FUEL	1.90	5.90	3.92	3.24	3.94
RESIDUAL FUEL	2.60	4.34	4.19	3.40	4.09
NATURAL GAS	3.71	5.92	4.09	3.59	3.82
STEAM COAL	1.29	1.48	1.29	0.74	0.71
INDUSTRIAL					
ELECTRICITY	1.31	1.60	1.60	0.99	-0.22
DISTILLATE FUEL	1.79	5.70	4.49	3.60	4.31
RESIDUAL FUEL	3.12	4.96	4.00	3.28	3.97
NATURAL GAS	5.08	6.95	4.86	4.09	4.25
STEAM COAL	2.00	1.68	1.30	0.74	0.71
TRANSPORTATION					
MOTOR GASOLINE	0.78	4.38	2.62	2.27	2.88
<hr/>					
WORLD OIL PRICE ASSUMPTION	1.39	5.92	4.58	3.64	4.35

TABLE Cb-7. PROJECTED AVERAGE FUEL PRICE ESCALATION RATES FOR SELECTED PERIODS
 BY END-USE SECTOR AND MAJOR FUEL

(PERCENTAGE CHANGE COMPOUNDED ANNUALLY)

DoE Region 7 (Kansas, Missouri, Iowa, Nebraska)

SECTOR/FUEL	1985 to 1990	1990 to 1995	1995 to 2000	2000 to 2005	2005 to 2010
RESIDENTIAL					
ELECTRICITY	-1.11	-1.35	1.30	0.82	-0.39
DISTILLATE FUEL	1.55	5.04	3.74	3.07	3.80
LIQUEFIED PETROLEUM GAS	1.55	5.01	3.68	3.06	3.74
NATURAL GAS	4.29	5.82	3.87	3.43	3.64
COMMERCIAL					
ELECTRICITY	-1.14	-1.39	1.31	0.84	-0.37
DISTILLATE FUEL	1.81	5.76	3.96	3.23	3.92
RESIDUAL FUEL	1.52	2.72	4.21	3.39	4.11
NATURAL GAS	4.48	6.17	4.11	3.59	3.82
STEAM COAL	0.98	1.02	1.29	0.76	0.74
INDUSTRIAL					
ELECTRICITY	-1.29	-1.58	1.60	0.98	-0.22
DISTILLATE FUEL	1.74	5.47	4.49	3.58	4.31
RESIDUAL FUEL	3.38	5.41	4.03	3.27	3.96
NATURAL GAS	4.34	6.08	4.86	4.10	4.24
STEAM COAL	1.65	1.52	1.33	0.75	0.73
TRANSPORTATION					
MOTOR GASOLINE	0.77	4.29	2.62	2.27	2.89
<hr/>					
WORLD OIL PRICE ASSUMPTION	1.39	5.92	4.58	3.64	4.35

TABLE Cb-8. PROJECTED AVERAGE FUEL PRICE ESCALATION RATES FOR SELECTED PERIODS
 BY END-USE SECTOR AND MAJOR FUEL
 (PERCENTAGE CHANGE COMPOUNDED ANNUALLY)

DoE Region 8 (Montana, North Dakota, South Dakota, Wyoming, Utah, Colorado)

SECTOR/FUEL	1985 to 1990	1990 to 1995	1995 to 2000	2000 to 2005	2005 to 2010
RESIDENTIAL					
ELECTRICITY	-0.41	-1.01	1.30	0.82	-0.39
DISTILLATE FUEL	1.61	5.11	3.71	3.08	3.81
LIQUEFIED PETROLEUM GAS	1.58	5.12	3.65	3.07	3.73
NATURAL GAS	2.52	5.23	3.89	3.41	3.65
COMMERCIAL					
ELECTRICITY	-0.43	-1.04	1.32	0.83	-0.37
DISTILLATE FUEL	1.75	5.59	3.95	3.24	3.92
RESIDUAL FUEL	2.55	4.27	4.19	3.42	4.09
NATURAL GAS	2.17	5.11	4.12	3.58	3.83
STEAM COAL	1.43	1.17	1.26	0.75	0.72
INDUSTRIAL					
ELECTRICITY	-0.50	-1.26	1.60	0.98	-0.21
DISTILLATE FUEL	1.77	5.54	4.49	3.58	4.31
RESIDUAL FUEL	3.56	5.64	4.02	3.26	3.95
NATURAL GAS	2.58	5.99	4.84	4.09	4.25
STEAM COAL	1.39	1.30	1.37	0.72	0.69
TRANSPORTATION					
MOTOR GASOLINE	0.76	4.25	2.62	2.26	2.89
<hr/>					
WORLD OIL PRICE ASSUMPTION	1.39	5.92	4.58	3.64	4.35

TABLE Cb-9. PROJECTED AVERAGE FUEL PRICE ESCALATION RATES FOR SELECTED PERIODS
 BY END-USE SECTOR AND MAJOR FUEL

(PERCENTAGE CHANGE COMPOUNDED ANNUALLY)

DoE Region 9 (California, Nevada, Arizona, Hawaii,
 Trust Territory of the Pacific Islands, American Samoa, Guam)

SECTOR/FUEL	1985 to 1990	1990 to 1995	1995 to 2000	2000 to 2005	2005 to 2010
RESIDENTIAL					
ELECTRICITY	0.99	1.39	1.30	0.82	-0.39
DISTILLATE FUEL	1.51	4.93	3.73	3.08	3.80
LIQUEFIED PETROLEUM GAS	1.51	4.93	3.66	3.05	3.75
NATURAL GAS	4.27	5.41	3.85	3.43	3.65
COMMERCIAL					
ELECTRICITY	0.99	1.40	1.32	0.84	-0.37
DISTILLATE FUEL	1.87	5.94	3.93	3.23	3.95
RESIDUAL FUEL	2.06	3.61	4.20	3.40	4.10
NATURAL GAS	2.59	3.83	4.10	3.59	3.82
STEAM COAL	3.23	1.89	1.30	0.76	0.73
INDUSTRIAL					
ELECTRICITY	1.09	1.52	1.60	0.98	-0.22
DISTILLATE FUEL	1.80	5.72	4.48	3.59	4.31
RESIDUAL FUEL	2.65	4.21	3.99	3.28	3.97
NATURAL GAS	3.38	5.04	4.86	4.11	4.23
STEAM COAL	1.20	1.41	1.32	0.75	0.72
TRANSPORTATION					
MOTOR GASOLINE	0.78	4.37	2.61	2.27	2.89
<hr/>					
WORLD OIL PRICE ASSUMPTION	1.39	5.92	4.58	3.64	4.35

TABLE Cb-10. PROJECTED AVERAGE FUEL PRICE ESCALATION RATES FOR SELECTED PERIODS
 BY END-USE SECTOR AND MAJOR FUEL
 (PERCENTAGE CHANGE COMPOUNDED ANNUALLY)
 DoE Region 10 (Washington, Oregon, Idaho, Alaska)

SECTOR/FUEL	1985 to 1990	1990 to 1995	1995 to 2000	2000 to 2005	2005 to 2010
RESIDENTIAL					
ELECTRICITY	-0.62	1.58	1.29	0.82	-0.38
DISTILLATE FUEL	1.41	4.64	3.73	3.08	3.81
LIQUEFIED PETROLEUM GAS	1.44	4.62	3.67	3.06	3.74
NATURAL GAS	1.88	3.93	3.88	3.43	3.64
COMMERCIAL					
ELECTRICITY	-0.62	1.59	1.31	0.84	-0.38
DISTILLATE FUEL	1.76	5.63	3.93	3.25	3.92
RESIDUAL FUEL	1.82	3.19	4.19	3.41	4.10
NATURAL GAS	2.31	4.31	4.13	3.57	3.82
STEAM COAL	0.73	1.39	1.24	0.74	0.77
INDUSTRIAL					
ELECTRICITY	-0.85	2.10	1.60	0.98	-0.22
DISTILLATE FUEL	1.72	5.49	4.50	3.59	4.30
RESIDUAL FUEL	2.11	3.58	3.99	3.29	3.96
NATURAL GAS	2.77	4.87	4.86	4.09	4.25
STEAM COAL	1.16	1.43	1.27	0.78	0.70
TRANSPORTATION					
MOTOR GASOLINE	0.74	4.26	2.62	2.27	2.90
WORLD OIL PRICE ASSUMPTION	1.39	5.92	4.58	3.64	4.35

TABLE Cb-11. PROJECTED AVERAGE FUEL PRICE ESCALATION RATES FOR SELECTED PERIODS
 BY END-USE SECTOR AND MAJOR FUEL
 (PERCENTAGE CHANGE COMPOUNDED ANNUALLY)
 United States Average

SECTOR/FUEL	1985 to 1990	1990 to 1995	1995 to 2000	2000 to 2005	2005 to 2010
RESIDENTIAL					
ELECTRICITY	-0.16	-0.29	1.30	0.82	-0.38
DISTILLATE FUEL	1.43	4.62	3.73	3.08	3.80
LIQUEFIED PETROLEUM GAS	1.47	4.86	3.67	3.06	3.75
NATURAL GAS	3.43	5.23	3.86	3.44	3.64
COMMERCIAL					
ELECTRICITY	-0.05	-0.24	1.32	0.83	-0.37
DISTILLATE FUEL	1.65	5.46	3.95	3.23	3.93
RESIDUAL FUEL	2.17	3.86	4.19	3.40	4.10
NATURAL GAS	3.25	5.34	4.11	3.58	3.82
STEAM COAL	1.31	1.14	1.33	0.78	0.68
INDUSTRIAL					
ELECTRICITY	-0.19	-0.39	1.60	0.98	-0.22
DISTILLATE FUEL	1.69	5.48	4.49	3.58	4.31
RESIDUAL FUEL	2.72	4.55	3.99	3.30	3.94
NATURAL GAS	4.11	6.12	4.85	4.11	4.24
STEAM COAL	2.14	1.85	1.30	0.69	0.74
TRANSPORTATION					
MOTOR GASOLINE	0.74	4.23	2.62	2.28	2.88
<hr/>					
WORLD OIL PRICE ASSUMPTION	1.39	5.92	4.58	3.64	4.35

4. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES, BY DOE REGION
(SUPPLEMENT FOR PRIVATE SECTOR LIFE-CYCLE COST ANALYSIS)

This section consists of tables S-1 through S-11, which present projected nominal (i.e., current dollar) average fuel price indices for four fuels in the Residential sector and five fuels in the Commercial sector for each of the 26 years from 1985 through 2010. These nominal indices include the effect of four alternative assumed rates of general price inflation: 0, 5, 10, and 15 percent. They are derived from the real (i.e., constant dollar) fuel price indices reported in tables Ca-1 through Ca-11 by means of the following equation:

$$I_S = I_C \cdot (1 + g)^n ,$$

where I_S = Index found in tables S-1 through S-11;
 I_C = Index found in tables Ca-1 through Ca-11;
 g = Annual rate of general price inflation in decimal form; and
 n = Year of the index minus 1985.

Thus, for the case of 0 percent inflation, the price indices in the two sets of tables are identical. The indices based on 0 percent inflation are appropriate to use for estimating future energy costs in constant dollars. The indices based on inflation rates of 5, 10, and 15 percent are appropriate to use only for estimating future energy costs in current dollars. This current dollar approach is sometimes used in private sector life-cycle cost analysis, as described in Ruegg and Petersen.¹ Note that life-cycle cost analysis of Federal energy conservation investments should be conducted in constant dollars, that is, without the inclusion of general price inflation, as provided in tables Ca-1 through Ca-11.

¹Rosalie T. Ruegg and Stephen R. Petersen, Comprehensive Guide for Least-Cost Energy Decisions, National Bureau of Standards Special Publication 709, In Press (Washington, DC: Superintendent of Documents, U.S. Government Printing Office).

Table S-1. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES
 WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 1 (Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island)

R E S I D E N T I A L

YEAR	ELECTRICITY				DISTILLATE FUEL				LIQUEFIED PETROLEUM GAS				NATURAL GAS			
	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1986	1.01	1.06	1.11	1.16	0.98	1.03	1.08	1.13	0.98	1.03	1.08	1.13	1.00	1.05	1.10	1.15
1987	1.04	1.15	1.26	1.38	0.98	1.08	1.19	1.30	0.98	1.08	1.19	1.30	1.04	1.15	1.26	1.38
1988	1.09	1.26	1.45	1.66	1.01	1.17	1.35	1.54	1.01	1.17	1.35	1.54	1.09	1.26	1.45	1.65
1989	1.07	1.30	1.56	1.86	1.04	1.26	1.52	1.82	1.04	1.26	1.52	1.82	1.15	1.40	1.68	2.01
1990	1.06	1.36	1.71	2.14	1.07	1.37	1.73	2.16	1.07	1.37	1.73	2.16	1.21	1.55	1.95	2.44
1991	1.06	1.42	1.88	2.45	1.12	1.51	1.99	2.60	1.12	1.51	1.99	2.60	1.27	1.71	2.26	2.94
1992	1.06	1.49	2.06	2.81	1.18	1.66	2.30	3.14	1.18	1.66	2.30	3.14	1.35	1.89	2.62	3.58
1993	1.08	1.60	2.32	3.31	1.23	1.82	2.64	3.77	1.23	1.82	2.64	3.77	1.41	2.08	3.02	4.31
1994	1.07	1.66	2.52	3.76	1.29	1.99	3.03	4.52	1.29	2.00	3.03	4.52	1.47	2.28	3.47	5.18
1995	1.07	1.74	2.77	4.32	1.34	2.18	3.48	5.42	1.34	2.18	3.48	5.42	1.53	2.49	3.96	6.17
1996	1.08	1.85	3.08	5.03	1.39	2.38	3.97	6.47	1.39	2.38	3.96	6.47	1.59	2.71	4.52	7.38
1997	1.10	1.97	3.44	5.86	1.44	2.59	4.52	7.71	1.44	2.59	4.52	7.71	1.65	2.96	5.17	8.81
1998	1.11	2.09	3.83	6.82	1.50	2.82	5.16	9.20	1.49	2.82	5.16	9.19	1.71	3.23	5.91	10.53
1999	1.12	2.23	4.27	7.95	1.55	3.07	5.89	10.98	1.55	3.06	5.88	10.95	1.78	3.52	6.75	12.57
2000	1.14	2.37	4.76	9.26	1.61	3.34	6.72	13.09	1.60	3.33	6.70	13.05	1.85	3.84	7.71	15.02
2001	1.15	2.51	5.27	10.74	1.66	3.62	7.62	15.52	1.65	3.61	7.60	15.47	1.91	4.17	8.77	17.87
2002	1.16	2.65	5.85	12.45	1.71	3.92	8.64	18.41	1.70	3.91	8.61	18.34	1.98	4.53	9.98	21.25
2003	1.17	2.81	6.49	14.44	1.76	4.24	9.80	21.80	1.76	4.23	9.76	21.73	2.04	4.91	11.35	25.27
2004	1.18	2.97	7.19	16.74	1.82	4.59	11.11	25.85	1.81	4.57	11.07	25.76	2.11	5.34	12.92	30.07
2005	1.19	3.15	7.98	19.41	1.87	4.97	12.60	30.65	1.87	4.95	12.55	30.53	2.19	5.80	14.70	35.76
2006	1.18	3.29	8.74	22.23	1.94	5.41	14.38	36.57	1.93	5.39	14.32	36.41	2.26	6.31	16.75	42.61
2007	1.18	3.44	9.58	25.47	2.02	5.90	16.42	43.66	2.01	5.87	16.34	43.45	2.35	6.86	19.10	50.79
2008	1.17	3.60	10.49	29.17	2.09	6.43	18.75	52.12	2.08	6.40	18.65	51.84	2.43	7.47	21.77	60.53
2009	1.17	3.77	11.50	33.42	2.17	7.01	21.41	62.21	2.16	6.97	21.28	61.84	2.52	8.13	24.83	72.16
2010	1.16	3.94	12.60	38.28	2.26	7.64	24.45	74.29	2.24	7.59	24.29	73.79	2.61	8.85	28.31	86.01

Table S-1, continued. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES
WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
BY END-USE SECTOR AND MAJOR FUEL

DoE Region 1 (Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island)

C O M M E R C I A L

YEAR	ELECTRICITY				DISTILLATE FUEL				RESIDUAL FUEL				NATURAL GAS				STEAM COAL				
	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1986	1.01	1.06	1.11	1.16	0.98	1.03	1.08	1.12	1.16	1.00	1.05	1.10	1.15	1.00	1.04	1.09	1.14	1.00	1.06	1.11	1.16
1987	1.04	1.15	1.26	1.38	0.98	1.08	1.19	1.30	1.42	1.01	1.11	1.22	1.33	1.00	1.04	1.15	1.26	1.00	1.13	1.24	1.35
1988	1.09	1.26	1.45	1.66	1.01	1.17	1.35	1.54	1.74	1.04	1.20	1.38	1.58	1.10	1.27	1.46	1.67	1.04	1.20	1.38	1.57
1989	1.07	1.30	1.56	1.86	1.05	1.27	1.53	1.83	2.18	1.07	1.30	1.56	1.87	1.17	1.42	1.72	2.05	1.05	1.28	1.54	1.84
1990	1.06	1.36	1.71	2.14	1.08	1.38	1.74	2.18	2.64	1.11	1.42	1.79	2.23	1.25	1.59	2.01	2.51	1.07	1.37	1.73	2.16
1991	1.06	1.42	1.88	2.45	1.14	1.53	2.02	2.64	3.20	1.15	1.54	2.04	2.67	1.32	1.77	2.34	3.06	1.09	1.47	1.94	2.53
1992	1.06	1.49	2.06	2.81	1.20	1.69	2.35	3.20	4.07	1.20	1.68	2.33	3.18	1.41	1.99	2.75	3.75	1.11	1.56	2.16	2.95
1993	1.08	1.60	2.32	3.31	1.26	1.87	2.71	3.87	4.67	1.24	1.83	2.66	3.79	1.48	2.19	3.18	4.54	1.13	1.66	2.41	3.45
1994	1.07	1.66	2.52	3.75	1.33	2.06	3.13	4.67	5.62	1.28	1.99	3.03	4.52	1.56	2.42	3.68	5.50	1.14	1.77	2.70	4.02
1995	1.07	1.74	2.77	4.32	1.39	2.26	3.60	5.62	6.71	1.33	2.16	3.44	5.37	1.63	2.65	4.22	6.59	1.16	1.90	3.02	4.71
1996	1.08	1.85	3.08	5.03	1.44	2.47	4.12	6.71	8.03	1.38	2.37	3.95	6.44	1.70	2.90	4.84	7.89	1.18	2.02	3.36	5.48
1997	1.10	1.97	3.44	5.86	1.50	2.70	4.71	8.03	9.60	1.44	2.59	4.53	7.71	1.77	3.17	5.54	9.45	1.19	2.14	3.74	6.38
1998	1.11	2.09	3.83	6.83	1.56	2.94	5.38	9.60	11.48	1.50	2.83	5.18	9.24	1.84	3.47	6.35	11.31	1.21	2.28	4.17	7.43
1999	1.12	2.23	4.27	7.96	1.62	3.21	6.16	11.48	13.71	1.57	3.10	5.94	11.08	1.91	3.79	7.27	13.54	1.22	2.42	4.65	8.66
2000	1.14	2.37	4.76	9.27	1.69	3.50	7.04	13.71	16.28	1.63	3.39	6.81	13.27	1.99	4.14	8.33	16.22	1.24	2.57	5.17	10.08
2001	1.15	2.51	5.28	10.75	1.74	3.80	7.99	16.28	19.32	1.69	3.68	7.75	15.79	2.06	4.51	9.49	19.32	1.25	2.73	5.74	11.69
2002	1.16	2.66	5.86	12.47	1.80	4.12	9.08	19.32	22.95	1.74	4.00	8.81	18.76	2.14	4.90	10.81	23.01	1.26	2.89	6.37	13.56
2003	1.17	2.81	6.49	14.46	1.85	4.46	10.31	22.95	27.24	1.80	4.34	10.03	22.32	2.21	5.33	12.31	27.41	1.27	3.05	7.04	15.68
2004	1.18	2.98	7.21	16.77	1.91	4.84	11.70	27.24	32.34	1.87	4.71	11.41	26.55	2.29	5.80	14.03	32.64	1.28	3.23	7.81	18.18
2005	1.19	3.15	7.99	19.44	1.98	5.24	13.29	32.34	38.67	1.93	5.12	12.98	31.57	2.38	6.30	15.99	38.89	1.29	3.42	8.66	21.08
2006	1.18	3.30	8.76	22.27	2.05	5.72	15.20	38.67	46.20	2.01	5.59	14.85	37.78	2.47	6.87	18.26	46.43	1.30	3.62	9.61	24.43
2007	1.18	3.45	9.60	25.52	2.13	6.24	17.38	46.20	55.24	2.09	6.11	17.01	45.22	2.56	7.49	20.85	55.43	1.31	3.82	10.63	28.25
2008	1.17	3.61	10.52	29.23	2.22	6.82	19.87	55.24	66.00	2.17	6.68	19.47	54.13	2.66	8.17	23.80	66.17	1.32	4.04	11.78	32.75
2009	1.17	3.77	11.53	33.49	2.31	7.44	22.71	66.00	78.89	2.26	7.30	22.30	64.80	2.76	8.90	27.19	79.03	1.33	4.28	13.06	37.97
2010	1.17	3.95	12.63	38.37	2.40	8.11	25.96	78.89		2.36	7.99	25.55	77.63	2.87	9.71	31.06	94.36	1.34	4.53	14.48	44.01

Table S-2. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES
 WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 2 (New York, New Jersey, Puerto Rico, Virgin Islands)

YEAR	RESIDENTIAL															
	ELECTRICITY				DISTILLATE FUEL				LIQUEFIED PETROLEUM GAS				NATURAL GAS			
	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1986	0.98	1.03	1.08	1.13	0.98	1.03	1.08	1.13	0.98	1.03	1.08	1.13	1.00	1.05	1.10	1.15
1987	1.01	1.12	1.23	1.34	0.98	1.08	1.19	1.30	0.98	1.08	1.19	1.30	1.02	1.12	1.23	1.35
1988	1.05	1.22	1.40	1.60	1.01	1.17	1.34	1.54	1.01	1.17	1.35	1.54	1.04	1.21	1.39	1.58
1989	1.03	1.25	1.51	1.80	1.04	1.26	1.52	1.82	1.04	1.26	1.52	1.82	1.09	1.32	1.59	1.90
1990	1.01	1.29	1.63	2.04	1.07	1.37	1.72	2.15	1.07	1.37	1.72	2.15	1.13	1.45	1.83	2.28
1991	1.00	1.34	1.77	2.30	1.12	1.50	1.99	2.60	1.12	1.50	1.99	2.59	1.18	1.58	2.09	2.73
1992	0.99	1.39	1.92	2.62	1.17	1.65	2.29	3.12	1.17	1.65	2.29	3.12	1.23	1.74	2.41	3.28
1993	0.98	1.45	2.10	2.99	1.23	1.81	2.63	3.76	1.23	1.81	2.63	3.75	1.29	1.90	2.76	3.93
1994	0.98	1.51	2.30	3.43	1.28	1.98	3.02	4.50	1.28	1.98	3.01	4.50	1.34	2.08	3.16	4.71
1995	0.97	1.59	2.53	3.94	1.33	2.17	3.46	5.40	1.33	2.17	3.45	5.39	1.39	2.26	3.60	5.62
1996	0.99	1.69	2.81	4.59	1.38	2.37	3.95	6.43	1.38	2.36	3.94	6.42	1.44	2.47	4.12	6.72
1997	1.00	1.79	3.14	5.35	1.43	2.58	4.50	7.68	1.43	2.57	4.49	7.66	1.50	2.69	4.70	8.02
1998	1.01	1.91	3.49	6.23	1.49	2.81	5.14	9.15	1.48	2.80	5.12	9.13	1.56	2.94	5.37	9.58
1999	1.03	2.03	3.89	7.26	1.54	3.06	5.86	10.92	1.54	3.05	5.84	10.89	1.62	3.20	6.14	11.44
2000	1.04	2.16	4.34	8.45	1.60	3.33	6.69	13.03	1.60	3.32	6.66	12.98	1.68	3.49	7.01	13.66
2001	1.05	2.29	4.81	9.80	1.65	3.60	7.58	15.45	1.64	3.59	7.55	15.38	1.74	3.79	7.98	16.25
2002	1.06	2.42	5.34	11.36	1.70	3.90	8.60	18.31	1.69	3.88	8.56	18.23	1.80	4.12	9.08	19.34
2003	1.06	2.56	5.92	13.18	1.75	4.22	9.75	21.69	1.75	4.20	9.71	21.60	1.86	4.47	10.33	22.99
2004	1.07	2.71	6.56	15.27	1.81	4.57	11.05	25.72	1.80	4.55	11.00	25.60	1.92	4.86	11.76	27.36
2005	1.08	2.87	7.28	17.71	1.86	4.94	12.53	30.49	1.85	4.92	12.47	30.35	1.99	5.28	13.38	32.54
2006	1.08	3.00	7.98	20.29	1.93	5.39	14.31	36.40	1.92	5.36	14.24	36.21	2.06	5.74	15.25	38.78
2007	1.07	3.14	8.74	23.24	2.01	5.87	16.34	43.46	2.00	5.84	16.24	43.19	2.14	6.25	17.38	46.22
2008	1.07	3.28	9.57	26.62	2.08	6.40	18.66	51.88	2.07	6.36	18.53	51.52	2.21	6.80	19.82	55.09
2009	1.07	3.44	10.49	30.50	2.16	6.98	21.30	61.92	2.15	6.93	21.16	61.49	2.29	7.40	22.59	65.65
2010	1.06	3.59	11.50	34.93	2.25	7.61	24.33	73.93	2.23	7.54	24.14	73.33	2.38	8.05	25.76	78.27

Table S-2, continued. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES
WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
BY END-USE SECTOR AND MAJOR FUEL
DoE Region 2 (New York, New Jersey, Puerto Rico, Virgin Islands)

C O M M E R C I A L

YEAR	ELECTRICITY				DISTILLATE FUEL				RESIDUAL FUEL				NATURAL GAS				STEAM COAL				
	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1986	0.98	1.03	1.08	1.13	1.03	1.07	1.12	1.17	1.00	1.05	1.10	1.15	1.00	1.05	1.10	1.15	1.01	1.06	1.11	1.16	1.21
1987	1.01	1.12	1.23	1.34	1.08	1.19	1.30	1.41	1.01	1.11	1.22	1.33	1.04	1.14	1.25	1.36	1.02	1.13	1.24	1.35	1.46
1988	1.05	1.22	1.40	1.60	1.01	1.17	1.35	1.54	1.04	1.20	1.38	1.58	1.04	1.20	1.38	1.57	1.03	1.20	1.38	1.57	1.75
1989	1.03	1.26	1.51	1.81	1.05	1.27	1.53	1.83	1.07	1.30	1.57	1.87	1.08	1.32	1.59	1.89	1.05	1.28	1.54	1.84	2.14
1990	1.01	1.29	1.63	2.04	1.08	1.38	1.75	2.18	1.12	1.42	1.80	2.24	1.14	1.45	1.83	2.29	1.07	1.36	1.72	2.14	2.50
1991	1.00	1.34	1.77	2.30	1.15	1.54	2.03	2.66	1.16	1.55	2.05	2.68	1.19	1.59	2.10	2.74	1.08	1.45	1.91	2.50	3.00
1992	0.99	1.39	1.92	2.62	1.21	1.70	2.36	3.22	1.20	1.69	2.35	3.20	1.25	1.76	2.43	3.32	1.09	1.54	2.13	2.90	3.80
1993	0.98	1.45	2.10	2.99	1.27	1.88	2.73	3.90	1.25	1.85	2.68	3.82	1.30	1.93	2.80	3.99	1.10	1.63	2.37	3.38	4.38
1994	0.97	1.51	2.30	3.43	1.34	2.07	3.15	4.71	1.29	2.01	3.05	4.56	1.37	2.12	3.22	4.81	1.12	1.73	2.63	3.93	4.93
1995	0.97	1.58	2.52	3.93	1.40	2.28	3.64	5.67	1.34	2.19	3.48	5.43	1.42	2.32	3.69	5.75	1.13	1.85	2.94	4.58	5.58
1996	0.99	1.69	2.81	4.59	1.46	2.49	4.16	6.78	1.40	2.39	3.99	6.51	1.48	2.53	4.22	6.89	1.15	1.96	3.27	5.33	6.33
1997	1.00	1.79	3.13	5.34	1.51	2.72	4.75	8.10	1.46	2.62	4.57	7.80	1.54	2.77	4.84	8.25	1.16	2.09	3.65	6.22	7.22
1998	1.01	1.91	3.49	6.23	1.58	2.97	5.44	9.69	1.52	2.86	5.24	9.34	1.61	3.03	5.54	9.88	1.17	2.21	4.05	7.23	8.23
1999	1.03	2.03	3.89	7.25	1.64	3.24	6.21	11.58	1.58	3.13	6.01	11.20	1.67	3.31	6.34	11.82	1.19	2.36	4.52	8.43	9.43
2000	1.04	2.16	4.34	8.45	1.70	3.54	7.11	13.85	1.65	3.43	6.89	13.41	1.74	3.62	7.27	14.16	1.20	2.50	5.03	9.79	10.79
2001	1.05	2.29	4.81	9.80	1.76	3.83	8.07	16.43	1.71	3.72	7.83	15.96	1.80	3.93	8.28	16.86	1.22	2.65	5.59	11.38	12.38
2002	1.06	2.42	5.34	11.36	1.81	4.15	9.16	19.50	1.76	4.04	8.91	18.96	1.87	4.28	9.44	20.09	1.22	2.81	6.19	13.17	14.17
2003	1.06	2.56	5.92	13.18	1.87	4.50	10.41	23.17	1.82	4.39	10.13	22.55	1.93	4.65	10.75	23.93	1.23	2.97	6.85	15.25	16.25
2004	1.07	2.71	6.57	15.28	1.93	4.88	11.82	27.51	1.88	4.76	11.53	26.82	2.00	5.06	12.25	28.51	1.24	3.14	7.59	17.66	18.66
2005	1.08	2.87	7.28	17.72	2.00	5.29	13.42	32.66	1.95	5.17	13.11	31.90	2.07	5.50	13.95	33.95	1.25	3.32	8.43	20.51	21.51
2006	1.08	3.00	7.98	20.30	2.07	5.78	15.34	39.03	2.03	5.65	15.01	38.18	2.15	6.00	15.93	40.52	1.26	3.51	9.33	23.74	24.74
2007	1.07	3.14	8.75	23.25	2.15	6.30	17.54	46.64	2.11	6.18	17.19	45.70	2.24	6.54	18.21	48.41	1.27	3.71	10.34	27.48	28.48
2008	1.07	3.29	9.58	26.64	2.24	6.88	20.05	55.73	2.20	6.75	19.69	54.72	2.32	7.13	20.79	57.97	1.28	3.93	11.44	31.81	32.81
2009	1.07	3.44	10.51	30.53	2.33	7.50	22.92	66.60	2.29	7.38	22.53	65.48	2.41	7.77	23.73	68.98	1.29	4.16	12.71	36.94	37.94
2010	1.06	3.60	11.51	34.98	2.42	8.19	26.21	79.62	2.38	8.07	25.81	78.41	2.50	8.47	27.11	82.37	1.30	4.40	14.07	42.75	43.75

Table S-3. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES
 WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
 BY END-USE SECTOR AND MAJOR FUEL

DoE Region 3 (Pennsylvania, Maryland, West Virginia, Virginia, District of Columbia, Delaware)

R E S I D E N T I A L

YEAR	ELECTRICITY			DISTILLATE FUEL			LIQUEFIED PETROLEUM GAS			NATURAL GAS			
	0%	5%	10%	0%	5%	10%	0%	5%	10%	0%	5%	10%	15%
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1986	0.99	1.04	1.09	0.98	1.03	1.08	1.13	0.98	1.03	1.08	1.13	1.01	1.06
1987	1.00	1.10	1.21	0.98	1.08	1.19	1.30	0.98	1.08	1.19	1.30	1.03	1.13
1988	1.00	1.16	1.33	1.01	1.17	1.35	1.54	1.01	1.17	1.35	1.54	1.06	1.23
1989	0.98	1.19	1.44	1.04	1.26	1.52	1.82	1.04	1.26	1.52	1.82	1.11	1.35
1990	0.97	1.24	1.57	1.07	1.37	1.73	2.16	1.07	1.37	1.73	2.16	1.16	1.48
1991	0.97	1.30	1.72	1.13	1.51	2.00	2.61	1.13	1.51	1.99	2.60	1.20	1.61
1992	0.97	1.37	1.90	1.18	1.66	2.30	3.14	1.18	1.66	2.30	3.14	1.26	1.77
1993	0.97	1.44	2.09	1.23	1.82	2.65	3.78	1.23	1.82	2.65	3.78	1.31	1.93
1994	0.98	1.52	2.32	1.29	2.00	3.04	4.54	1.29	2.00	3.04	4.53	1.36	2.11
1995	0.98	1.60	2.55	1.34	2.19	3.49	5.44	1.34	2.19	3.48	5.43	1.41	2.30
1996	1.00	1.71	2.85	1.39	2.39	3.98	6.49	1.39	2.38	3.97	6.48	1.46	2.50
1997	1.01	1.81	3.17	1.45	2.60	4.54	7.74	1.44	2.59	4.53	7.73	1.52	2.73
1998	1.02	1.93	3.53	1.50	2.83	5.18	9.23	1.50	2.82	5.17	9.21	1.58	2.98
1999	1.04	2.05	3.94	1.56	3.08	5.91	11.02	1.55	3.07	5.89	10.98	1.64	3.25
2000	1.05	2.18	4.39	1.61	3.36	6.74	13.14	1.61	3.34	6.72	13.09	1.71	3.55
2001	1.06	2.31	4.87	1.66	3.63	7.65	15.57	1.66	3.62	7.62	15.52	1.76	3.85
2002	1.07	2.45	5.40	1.71	3.93	8.67	18.45	1.71	3.92	8.63	18.38	1.82	4.18
2003	1.08	2.59	5.99	1.77	4.26	9.83	21.88	1.76	4.24	9.79	21.79	1.89	4.54
2004	1.09	2.74	6.64	1.82	4.61	11.15	25.95	1.81	4.58	11.10	25.82	1.95	4.93
2005	1.09	2.90	7.36	1.88	4.99	12.64	30.76	1.87	4.96	12.58	30.61	2.02	5.36
2006	1.09	3.04	8.07	1.95	5.43	14.43	36.71	1.94	5.41	14.36	36.52	2.09	5.83
2007	1.09	3.18	8.84	2.02	5.92	16.48	43.81	2.01	5.89	16.38	43.56	2.17	6.34
2008	1.08	3.32	9.69	2.10	6.46	18.82	52.32	2.09	6.41	18.70	51.99	2.25	6.90
2009	1.08	3.47	10.61	2.18	7.03	21.48	62.42	2.17	6.99	21.33	62.00	2.33	7.51
2010	1.07	3.63	11.63	2.26	7.67	24.53	74.52	2.25	7.61	24.34	73.96	2.41	8.17

Table S-3, continued. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES
 WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 3 (Pennsylvania, Maryland, West Virginia, Virginia, District of Columbia, Delaware)

C O M M E R C I A L

YEAR	ELECTRICITY				DISTILLATE FUEL				RESIDUAL FUEL				NATURAL GAS				STEAM COAL			
	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1986	0.99	1.04	1.09	1.13	0.98	1.03	1.07	1.12	1.00	1.05	1.10	1.15	1.00	1.05	1.10	1.15	1.00	1.06	1.12	1.17
1987	1.00	1.10	1.21	1.32	0.98	1.08	1.18	1.29	1.01	1.11	1.22	1.33	1.02	1.12	1.23	1.34	1.02	1.13	1.24	1.35
1988	1.00	1.16	1.33	1.52	1.01	1.17	1.35	1.54	1.04	1.20	1.38	1.58	1.04	1.21	1.39	1.59	1.05	1.20	1.38	1.58
1989	0.98	1.19	1.44	1.72	1.05	1.28	1.54	1.84	1.07	1.31	1.57	1.88	1.09	1.33	1.60	1.91	1.05	1.28	1.54	1.84
1990	0.97	1.24	1.57	1.96	1.09	1.39	1.76	2.19	1.12	1.43	1.81	2.26	1.14	1.46	1.84	2.29	1.07	1.37	1.72	2.15
1991	0.97	1.30	1.72	2.25	1.16	1.55	2.05	2.68	1.17	1.57	2.07	2.71	1.19	1.59	2.10	2.75	1.08	1.45	1.92	2.51
1992	0.97	1.37	1.90	2.59	1.22	1.72	2.38	3.25	1.22	1.71	2.37	3.24	1.24	1.75	2.42	3.30	1.09	1.54	2.13	2.91
1993	0.97	1.44	2.09	2.98	1.29	1.91	2.77	3.95	1.27	1.87	2.72	3.87	1.29	1.91	2.77	3.95	1.11	1.64	2.37	3.39
1994	0.98	1.52	2.32	3.45	1.36	2.11	3.20	4.78	1.32	2.04	3.10	4.63	1.34	2.08	3.17	4.72	1.12	1.74	2.64	3.95
1995	0.98	1.60	2.55	3.98	1.43	2.32	3.70	5.77	1.36	2.22	3.54	5.52	1.39	2.27	3.61	5.63	1.14	1.85	2.95	4.59
1996	1.00	1.71	2.85	4.64	1.48	2.53	4.23	6.89	1.42	2.43	4.06	6.62	1.45	2.48	4.14	6.75	1.15	1.97	3.28	5.35
1997	1.01	1.82	3.17	5.41	1.54	2.76	4.83	8.24	1.48	2.66	4.65	7.92	1.51	2.71	4.74	8.08	1.16	2.09	3.65	6.23
1998	1.02	1.93	3.54	6.30	1.60	3.02	5.53	9.85	1.54	2.91	5.33	9.50	1.57	2.97	5.43	9.68	1.18	2.23	4.08	7.27
1999	1.04	2.06	3.94	7.35	1.66	3.29	6.32	11.77	1.61	3.18	6.11	11.38	1.64	3.24	6.22	11.58	1.20	2.37	4.54	8.46
2000	1.05	2.19	4.39	8.56	1.73	3.60	7.22	14.07	1.68	3.49	7.00	13.64	1.70	3.54	7.12	13.87	1.21	2.52	5.06	9.85
2001	1.06	2.31	4.87	9.92	1.79	3.90	8.20	16.71	1.73	3.78	7.96	16.22	1.76	3.85	8.11	16.51	1.22	2.66	5.60	11.41
2002	1.07	2.45	5.40	11.51	1.84	4.22	9.32	19.84	1.79	4.11	9.06	19.28	1.83	4.19	9.24	19.68	1.23	2.82	6.21	13.23
2003	1.08	2.59	5.99	13.34	1.90	4.58	10.58	23.55	1.85	4.46	10.30	22.93	1.89	4.56	10.53	23.44	1.24	2.98	6.88	15.32
2004	1.09	2.75	6.65	15.47	1.96	4.96	12.01	27.95	1.92	4.84	11.71	27.26	1.96	4.96	12.00	27.92	1.25	3.15	7.63	17.76
2005	1.10	2.91	7.38	17.94	2.03	5.38	13.64	33.19	1.98	5.26	13.33	32.44	2.03	5.39	13.68	33.27	1.26	3.34	8.46	20.57
2006	1.09	3.04	8.08	20.55	2.11	5.87	15.59	39.66	2.06	5.75	15.26	38.82	2.11	5.88	15.62	39.73	1.27	3.53	9.37	23.83
2007	1.09	3.18	8.86	23.55	2.19	6.41	17.83	47.40	2.15	6.28	17.48	46.48	2.19	6.41	17.83	47.41	1.28	3.75	10.38	27.61
2008	1.08	3.33	9.71	26.99	2.28	6.99	20.39	56.68	2.23	6.86	20.01	55.62	2.27	6.98	20.36	56.59	1.29	3.95	11.51	31.99
2009	1.08	3.48	10.64	30.91	2.37	7.63	23.31	67.74	2.33	7.51	22.92	66.62	2.36	7.62	23.26	67.60	1.29	4.17	12.75	37.05
2010	1.08	3.64	11.66	35.42	2.46	8.33	26.64	80.94	2.42	8.20	26.24	79.74	2.45	8.30	26.56	80.70	1.30	4.41	14.13	42.92

Table S-4. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES
 WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
 BY END-USE SECTOR AND MAJOR FUEL

DoE Region 4 (Kentucky, Tennessee, North Carolina, South Carolina, Mississippi, Alabama, Georgia, Florida, Canal Zone)

R E S I D E N T I A L

YEAR	ELECTRICITY				DISTILLATE FUEL				LIQUEFIED PETROLEUM GAS				NATURAL GAS			
	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1986	0.98	1.03	1.08	1.13	0.98	1.03	1.08	1.13	0.98	1.03	1.08	1.13	1.00	1.05	1.10	1.15
1987	0.97	1.07	1.18	1.29	0.98	1.08	1.19	1.30	0.98	1.08	1.19	1.30	1.04	1.15	1.26	1.37
1988	0.97	1.12	1.29	1.47	1.01	1.17	1.35	1.54	1.01	1.17	1.35	1.54	1.09	1.27	1.46	1.66
1989	0.97	1.18	1.42	1.69	1.04	1.26	1.52	1.82	1.04	1.27	1.52	1.82	1.16	1.41	1.70	2.03
1990	0.96	1.22	1.54	1.92	1.07	1.37	1.73	2.16	1.07	1.37	1.73	2.16	1.24	1.59	2.00	2.50
1991	0.95	1.27	1.68	2.20	1.13	1.51	2.00	2.60	1.13	1.51	2.00	2.61	1.32	1.77	2.34	3.05
1992	0.94	1.33	1.84	2.51	1.18	1.66	2.30	3.14	1.18	1.66	2.30	3.14	1.41	1.98	2.75	3.75
1993	0.92	1.36	1.98	2.82	1.23	1.82	2.65	3.78	1.24	1.83	2.65	3.78	1.49	2.20	3.19	4.56
1994	0.91	1.40	2.14	3.19	1.29	2.00	3.04	4.54	1.29	2.00	3.04	4.54	1.58	2.45	3.72	5.55
1995	0.89	1.45	2.31	3.61	1.34	2.19	3.49	5.44	1.35	2.19	3.49	5.44	1.66	2.70	4.30	6.70
1996	0.90	1.55	2.58	4.21	1.39	2.39	3.98	6.49	1.39	2.38	3.98	6.49	1.72	2.94	4.91	8.01
1997	0.92	1.64	2.87	4.90	1.45	2.60	4.54	7.74	1.45	2.60	4.54	7.73	1.79	3.21	5.61	9.57
1998	0.93	1.75	3.20	5.71	1.50	2.83	5.18	9.23	1.50	2.83	5.18	9.23	1.86	3.50	6.41	11.42
1999	0.94	1.86	3.57	6.65	1.56	3.08	5.91	11.02	1.55	3.08	5.90	11.00	1.93	3.82	7.32	13.64
2000	0.95	1.98	3.98	7.74	1.61	3.36	6.75	13.14	1.61	3.35	6.73	13.11	2.00	4.16	8.37	16.30
2001	0.96	2.09	4.41	8.98	1.66	3.63	7.65	15.58	1.66	3.62	7.63	15.53	2.07	4.52	9.52	19.39
2002	0.97	2.22	4.89	10.41	1.72	3.93	8.67	18.46	1.71	3.92	8.65	18.41	2.14	4.91	10.83	23.07
2003	0.98	2.35	5.42	12.07	1.77	4.26	9.84	21.89	1.76	4.24	9.80	21.82	2.22	5.33	12.32	27.43
2004	0.98	2.48	6.01	13.99	1.82	4.61	11.15	25.94	1.82	4.59	11.11	25.86	2.29	5.80	14.03	32.64
2005	0.99	2.63	6.67	16.23	1.88	4.99	12.64	30.76	1.87	4.97	12.60	30.64	2.37	6.29	15.96	38.82
2006	0.99	2.75	7.31	18.59	1.95	5.43	14.43	36.71	1.94	5.41	14.37	36.56	2.46	6.85	18.18	46.25
2007	0.98	2.88	8.01	21.30	2.03	5.93	16.49	43.84	2.02	5.89	16.40	43.61	2.55	7.45	20.74	55.15
2008	0.98	3.01	8.77	24.38	2.10	6.46	18.82	52.32	2.09	6.42	18.73	52.06	2.64	8.11	23.64	65.71
2009	0.98	3.15	9.61	27.93	2.18	7.04	21.50	62.48	2.17	7.00	21.36	62.09	2.74	8.82	26.94	78.30
2010	0.97	3.29	10.53	32.00	2.26	7.67	24.53	74.54	2.25	7.62	24.38	74.08	2.84	9.60	30.73	93.36

Table S-4, continued. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES
WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
BY END-USE SECTOR AND MAJOR FUEL

DoE Region 4 (Kentucky, Tennessee, North Carolina, South Carolina, Mississippi, Alabama, Georgia, Florida, Canal Zone)

C O M M E R C I A L

YEAR	ELECTRICITY				DISTILLATE FUEL				RESIDUAL FUEL				NATURAL GAS				STEAM COAL			
	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1986	0.98	1.03	1.08	1.13	1.02	1.07	1.12	1.17	1.00	1.05	1.10	1.15	0.99	1.04	1.09	1.14	1.02	1.07	1.12	1.17
1987	0.97	1.07	1.18	1.29	0.98	1.08	1.18	1.29	1.01	1.11	1.22	1.33	1.02	1.12	1.23	1.35	1.03	1.14	1.25	1.36
1988	0.97	1.12	1.29	1.47	1.01	1.17	1.35	1.54	1.04	1.20	1.38	1.58	1.07	1.24	1.42	1.63	1.04	1.20	1.39	1.58
1989	0.97	1.18	1.42	1.69	1.05	1.28	1.54	1.84	1.07	1.31	1.57	1.88	1.13	1.38	1.66	1.98	1.06	1.28	1.55	1.85
1990	0.96	1.22	1.54	1.93	1.09	1.39	1.76	2.20	1.12	1.43	1.80	2.25	1.22	1.56	1.96	2.45	1.08	1.37	1.73	2.17
1991	0.95	1.27	1.68	2.20	1.16	1.55	2.05	2.68	1.16	1.56	2.06	2.69	1.30	1.74	2.30	3.00	1.09	1.46	1.93	2.53
1992	0.94	1.33	1.84	2.51	1.23	1.73	2.40	3.27	1.21	1.70	2.36	3.22	1.39	1.96	2.71	3.71	1.10	1.55	2.15	2.93
1993	0.92	1.37	1.98	2.83	1.30	1.92	2.78	3.97	1.26	1.86	2.69	3.84	1.47	2.18	3.16	4.51	1.12	1.65	2.40	3.42
1994	0.91	1.41	2.14	3.19	1.37	2.12	3.22	4.81	1.30	2.02	3.07	4.59	1.57	2.43	3.69	5.51	1.13	1.76	2.67	3.98
1995	0.89	1.46	2.32	3.61	1.44	2.34	3.73	5.81	1.35	2.20	3.51	5.47	1.65	2.69	4.28	6.67	1.15	1.87	2.98	4.64
1996	0.91	1.55	2.58	4.21	1.49	2.55	4.26	6.95	1.41	2.41	4.02	6.55	1.72	2.94	4.90	7.99	1.16	1.99	3.32	5.41
1997	0.92	1.65	2.88	4.91	1.55	2.79	4.87	8.31	1.47	2.63	4.60	7.85	1.79	3.21	5.61	9.57	1.17	2.11	3.68	6.28
1998	0.93	1.75	3.21	5.72	1.61	3.04	5.57	9.93	1.53	2.88	5.28	9.41	1.86	3.51	6.43	11.45	1.19	2.24	4.10	7.31
1999	0.94	1.86	3.58	6.66	1.68	3.32	6.37	11.87	1.59	3.15	6.05	11.27	1.94	3.83	7.35	13.70	1.20	2.38	4.57	8.52
2000	0.95	1.98	3.98	7.76	1.74	3.62	7.28	14.18	1.66	3.45	6.93	13.50	2.02	4.19	8.43	16.42	1.22	2.54	5.09	9.92
2001	0.96	2.10	4.42	9.00	1.80	3.93	8.27	16.84	1.72	3.75	7.88	16.06	2.09	4.56	9.60	19.54	1.23	2.68	5.65	11.51
2002	0.97	2.22	4.90	10.44	1.86	4.26	9.40	20.00	1.77	4.07	8.97	19.09	2.16	4.96	10.94	23.28	1.24	2.84	6.27	13.34
2003	0.98	2.35	5.44	12.11	1.92	4.62	10.67	23.74	1.83	4.42	10.20	22.70	2.24	5.39	12.46	27.73	1.25	3.01	6.95	15.47
2004	0.99	2.49	6.03	14.04	1.98	5.00	12.11	28.17	1.90	4.79	11.60	27.00	2.32	5.87	14.20	33.04	1.26	3.18	7.71	17.93
2005	0.99	2.64	6.69	16.27	2.04	5.42	13.75	33.46	1.96	5.20	13.19	32.10	2.40	6.38	16.18	39.36	1.27	3.37	8.55	20.79
2006	0.99	2.76	7.33	18.64	2.12	5.92	15.72	39.98	2.04	5.69	15.12	38.45	2.50	6.96	18.48	47.00	1.28	3.55	9.44	24.01
2007	0.99	2.89	8.03	21.36	2.21	6.46	17.98	47.82	2.13	6.22	17.31	46.03	2.59	7.58	21.10	56.09	1.29	3.76	10.47	27.83
2008	0.98	3.02	8.81	24.48	2.30	7.05	20.56	57.15	2.21	6.80	19.82	55.11	2.69	8.27	24.10	67.00	1.30	3.98	11.60	32.26
2009	0.98	3.16	9.65	28.05	2.39	7.70	23.50	68.30	2.30	7.43	22.69	65.94	2.79	9.01	27.52	79.97	1.31	4.21	12.86	37.39
2010	0.98	3.31	10.58	32.13	2.48	8.40	26.87	81.63	2.40	8.12	25.99	78.97	2.90	9.82	31.42	95.46	1.32	4.46	14.26	43.33

Table S-5. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES
 WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 5 (Minnesota, Wisconsin, Michigan, Illinois, Indiana, Ohio)

R E S I D E N T I A L

YEAR	ELECTRICITY				DISTILLATE FUEL				LIQUEFIED PETROLEUM GAS				NATURAL GAS			
	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1986	1.03	1.08	1.13	1.18	0.98	1.03	1.08	1.13	0.98	1.03	1.08	1.13	1.01	1.06	1.11	1.16
1987	1.04	1.15	1.26	1.38	0.98	1.08	1.19	1.30	0.98	1.08	1.19	1.30	1.03	1.13	1.24	1.36
1988	1.03	1.19	1.37	1.56	1.01	1.17	1.35	1.54	1.01	1.17	1.34	1.54	1.06	1.23	1.41	1.62
1989	1.00	1.22	1.46	1.75	1.04	1.27	1.53	1.83	1.04	1.27	1.53	1.82	1.11	1.35	1.63	1.94
1990	0.98	1.25	1.57	1.96	1.08	1.37	1.73	2.16	1.08	1.37	1.73	2.16	1.17	1.50	1.89	2.36
1991	0.96	1.28	1.67	2.21	1.13	1.52	2.01	2.62	1.13	1.52	2.01	2.62	1.24	1.66	2.19	2.86
1992	0.94	1.32	1.83	2.50	1.19	1.67	2.32	3.16	1.19	1.67	2.32	3.16	1.32	1.85	2.57	3.50
1993	0.92	1.36	1.98	2.82	1.25	1.84	2.67	3.82	1.24	1.84	2.67	3.81	1.39	2.06	2.99	4.26
1994	0.91	1.41	2.14	3.19	1.30	2.02	3.07	4.59	1.30	2.02	3.07	4.58	1.47	2.29	3.47	5.18
1995	0.90	1.46	2.33	3.63	1.36	2.22	3.53	5.51	1.36	2.21	3.53	5.50	1.55	2.52	4.02	6.27
1996	0.91	1.55	2.59	4.23	1.41	2.42	4.03	6.57	1.41	2.41	4.02	6.56	1.61	2.75	4.59	7.48
1997	0.92	1.65	2.89	4.93	1.46	2.63	4.60	7.84	1.46	2.62	4.59	7.82	1.67	3.00	5.25	8.94
1998	0.93	1.76	3.22	5.74	1.52	2.87	5.25	9.35	1.52	2.86	5.23	9.32	1.74	3.27	5.99	10.68
1999	0.94	1.87	3.59	6.69	1.58	3.12	5.98	11.15	1.57	3.11	5.96	11.11	1.80	3.57	6.85	12.76
2000	0.96	1.99	4.00	7.79	1.63	3.40	6.83	13.30	1.63	3.39	6.80	13.25	1.87	3.89	7.82	15.24
2001	0.97	2.11	4.44	9.03	1.69	3.68	7.74	15.77	1.68	3.66	7.71	15.71	1.94	4.23	8.90	18.13
2002	0.97	2.23	4.92	10.47	1.74	3.98	8.78	18.70	1.73	3.96	8.74	18.61	2.00	4.59	10.13	21.56
2003	0.98	2.36	5.45	12.14	1.79	4.31	9.96	22.16	1.78	4.29	9.91	22.05	2.07	4.98	11.52	25.63
2004	0.99	2.50	6.05	14.07	1.85	4.67	11.30	26.28	1.84	4.64	11.23	26.14	2.14	5.41	13.10	30.49
2005	1.00	2.65	6.71	16.32	1.90	5.05	12.80	31.15	1.89	5.02	12.73	30.98	2.22	5.88	14.92	36.29
2006	0.99	2.77	7.35	18.69	1.98	5.51	14.62	37.19	1.96	5.47	14.53	36.95	2.30	6.40	17.00	43.24
2007	0.99	2.89	8.05	21.41	2.05	6.00	16.69	44.38	2.04	5.96	16.58	44.08	2.38	6.96	19.38	51.53
2008	0.99	3.03	8.82	24.53	2.13	6.54	19.05	52.96	2.11	6.49	18.93	52.61	2.47	7.58	22.10	61.43
2009	0.98	3.17	9.67	28.10	2.21	7.13	21.76	63.24	2.19	7.07	21.59	62.75	2.56	8.25	25.20	73.23
2010	0.98	3.31	10.59	32.19	2.29	7.77	24.85	75.50	2.27	7.70	24.64	74.87	2.65	8.98	28.72	87.25

Table S-5, continued. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES
 WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 5 (Minnesota, Wisconsin, Michigan, Illinois, Indiana, Ohio)

C O M M E R C I A L

YEAR	ELECTRICITY			DISTILLATE FUEL			RESIDUAL FUEL			NATURAL GAS			STEAM COAL			
	0%	5%	10%	0%	5%	10%	0%	5%	10%	0%	5%	10%	0%	5%	10%	15%
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1986	1.03	1.08	1.13	0.97	1.02	1.07	1.12	1.00	1.05	1.10	1.15	1.00	1.05	1.10	1.15	1.00
1987	1.04	1.15	1.26	0.98	1.08	1.18	1.29	1.01	1.11	1.22	1.33	1.02	1.13	1.24	1.35	1.12
1988	1.03	1.19	1.37	1.01	1.17	1.35	1.54	1.03	1.20	1.37	1.57	1.06	1.22	1.41	1.61	1.24
1989	1.00	1.22	1.46	1.05	1.28	1.54	1.84	1.06	1.29	1.56	1.86	1.11	1.34	1.62	1.93	1.37
1990	0.98	1.25	1.57	1.09	1.39	1.76	2.19	1.10	1.40	1.77	2.21	1.17	1.49	1.88	2.35	1.57
1991	0.96	1.28	1.69	1.16	1.55	2.05	2.68	1.14	1.53	2.02	2.64	1.24	1.66	2.19	2.86	1.83
1992	0.94	1.32	1.83	1.23	1.73	2.39	3.26	1.18	1.66	2.29	3.13	1.32	1.86	2.58	3.52	2.14
1993	0.92	1.36	1.98	1.29	1.91	2.78	3.96	1.22	1.80	2.61	3.72	1.40	2.07	3.00	4.28	2.50
1994	0.90	1.40	2.13	1.36	2.12	3.22	4.80	1.26	1.95	2.96	4.42	1.48	2.30	3.50	5.22	2.91
1995	0.90	1.46	2.32	1.43	2.33	3.72	5.80	1.30	2.11	3.36	5.25	1.56	2.55	4.05	6.32	3.39
1996	0.91	1.55	2.59	1.49	2.55	4.25	6.92	1.35	2.31	3.86	6.29	1.63	2.78	4.64	7.56	3.93
1997	0.92	1.65	2.89	1.55	2.78	4.86	8.28	1.41	2.53	4.42	7.54	1.69	3.04	5.32	9.06	4.57
1998	0.93	1.76	3.22	1.61	3.03	5.55	9.89	1.47	2.77	5.07	9.03	1.76	3.33	6.09	10.85	5.33
1999	0.94	1.87	3.59	1.67	3.31	6.35	11.83	1.53	3.03	5.81	10.82	1.84	3.63	6.97	12.99	6.20
2000	0.96	1.99	4.00	1.74	3.61	7.26	14.14	1.59	3.31	6.65	12.96	1.91	3.97	7.98	15.55	7.22
2001	0.96	2.10	4.43	1.79	3.92	8.25	16.79	1.65	3.60	7.57	15.41	1.98	4.32	9.09	18.52	8.43
2002	0.97	2.23	4.92	1.85	4.24	9.36	19.93	1.70	3.91	8.61	18.34	2.05	4.70	10.37	22.07	9.81
2003	0.98	2.36	5.45	1.91	4.60	10.63	23.67	1.76	4.24	9.80	21.80	2.12	5.11	11.80	26.27	11.37
2004	0.99	2.50	6.05	1.97	4.99	12.08	28.10	1.82	4.60	11.14	25.92	2.20	5.56	13.46	31.32	13.17
2005	1.00	2.65	6.71	2.04	5.41	13.72	33.37	1.88	5.00	12.67	30.82	2.28	6.04	15.32	37.28	15.27
2006	0.99	2.77	7.35	2.12	5.90	15.67	39.86	1.96	5.46	14.51	36.90	2.36	6.59	17.50	44.51	17.69
2007	0.99	2.90	8.06	2.20	6.44	17.93	47.66	2.04	5.97	16.61	44.18	2.46	7.18	19.99	53.15	20.50
2008	0.99	3.03	8.83	2.29	7.03	20.49	56.95	2.12	6.53	19.03	52.89	2.55	7.83	22.83	63.48	23.75
2009	0.98	3.17	9.68	2.38	7.67	23.41	68.04	2.21	7.13	21.79	63.31	2.65	8.54	26.07	75.76	27.51
2010	0.98	3.31	10.60	2.47	8.37	26.78	81.36	2.30	7.80	24.94	75.78	2.75	9.31	29.78	90.48	31.87
																36.92
																42.76

Table S-6. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES
 WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 6 (Texas, New Mexico, Oklahoma, Arkansas, Louisiana)

R E S I D E N T I A L

YEAR	ELECTRICITY			DISTILLATE FUEL			LIQUEFIED PETROLEUM GAS			NATURAL GAS			
	0%	5%	10%	0%	5%	10%	0%	5%	10%	0%	5%	10%	15%
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1986	1.03	1.08	1.13	0.98	1.02	1.07	1.12	0.98	1.03	1.07	1.12	1.03	1.08
1987	1.05	1.16	1.27	0.98	1.08	1.18	1.29	0.98	1.08	1.18	1.29	1.07	1.18
1988	1.05	1.22	1.40	1.01	1.17	1.35	1.54	1.01	1.17	1.35	1.54	1.12	1.30
1989	1.05	1.28	1.54	1.05	1.28	1.54	1.84	1.05	1.28	1.54	1.84	1.18	1.43
1990	1.06	1.35	1.70	1.09	1.39	1.75	2.19	1.09	1.39	1.76	2.19	1.25	1.60
1991	1.07	1.44	1.90	1.16	1.55	2.05	2.68	1.16	1.55	2.05	2.68	1.32	1.77
1992	1.08	1.53	2.11	1.22	1.72	2.38	3.26	1.22	1.72	2.39	3.26	1.40	1.98
1993	1.10	1.62	2.36	1.29	1.91	2.77	3.95	1.29	1.91	2.77	3.95	1.48	2.19
1994	1.11	1.72	2.62	1.36	2.11	3.20	4.78	1.36	2.11	3.20	4.78	1.57	2.43
1995	1.13	1.84	2.94	1.43	2.32	3.70	5.77	1.43	2.32	3.70	5.77	1.65	2.69
1996	1.15	1.96	3.27	1.48	2.53	4.22	6.88	1.48	2.53	4.22	6.88	1.72	2.94
1997	1.16	2.09	3.65	1.54	2.76	4.82	8.22	1.53	2.75	4.81	8.20	1.78	3.20
1998	1.18	2.22	4.06	1.59	3.00	5.50	9.80	1.59	3.00	5.49	9.78	1.85	3.49
1999	1.19	2.36	4.53	1.65	3.27	6.27	11.69	1.65	3.26	6.26	11.66	1.92	3.81
2000	1.21	2.51	5.04	1.71	3.56	7.16	13.94	1.71	3.55	7.13	13.90	2.00	4.15
2001	1.22	2.66	5.59	1.77	3.86	8.12	16.53	1.76	3.84	8.09	16.47	2.07	4.51
2002	1.23	2.81	6.20	1.82	4.17	9.20	19.60	1.81	4.16	9.17	19.53	2.14	4.90
2003	1.24	2.98	6.88	1.88	4.51	10.43	23.21	1.87	4.50	10.40	23.14	2.21	5.32
2004	1.25	3.15	7.63	1.93	4.89	11.83	27.52	1.93	4.87	11.79	27.43	2.29	5.78
2005	1.26	3.34	8.46	1.99	5.29	13.41	32.62	1.99	5.27	13.36	32.51	2.37	6.28
2006	1.25	3.49	9.27	2.07	5.77	15.32	38.95	2.06	5.74	15.25	38.78	2.45	6.83
2007	1.25	3.65	10.16	2.15	6.28	17.48	46.48	2.14	6.25	17.40	46.27	2.54	7.43
2008	1.24	3.82	11.13	2.23	6.85	19.97	55.52	2.22	6.81	19.86	55.21	2.63	8.09
2009	1.24	3.99	12.19	2.32	7.47	22.80	66.27	2.30	7.42	22.65	65.83	2.73	8.80
2010	1.23	4.18	13.36	2.40	8.14	26.04	79.10	2.39	8.08	25.86	78.56	2.83	9.57

Table S-6, continued. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES
WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
BY END-USE SECTOR AND MAJOR FUEL

DoE Region 6 (Texas, New Mexico, Oklahoma, Arkansas, Louisiana)

C O M M E R C I A L

YEAR	ELECTRICITY			DISTILLATE FUEL			RESIDUAL FUEL			NATURAL GAS			STEAM COAL		
	0%	5%	10%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1986	1.03	1.08	1.13	0.97	1.02	1.07	1.12	1.00	1.05	1.10	1.15	1.00	1.01	1.06	1.11
1987	1.05	1.16	1.27	0.98	1.08	1.18	1.29	1.00	1.11	1.22	1.33	1.00	1.05	1.15	1.27
1988	1.06	1.22	1.41	1.02	1.18	1.35	1.55	1.04	1.21	1.39	1.59	1.00	1.09	1.26	1.45
1989	1.06	1.28	1.55	1.06	1.28	1.55	1.85	1.09	1.32	1.59	1.90	1.00	1.13	1.38	1.66
1990	1.06	1.35	1.70	1.10	1.40	1.77	2.21	1.14	1.45	1.83	2.29	1.00	1.20	1.53	1.93
1991	1.08	1.44	1.90	1.17	1.57	2.07	2.71	1.19	1.59	2.11	2.75	1.00	1.27	1.70	2.25
1992	1.09	1.53	2.12	1.24	1.75	2.42	3.30	1.24	1.75	2.42	3.30	1.00	1.35	1.90	2.63
1993	1.10	1.63	2.36	1.32	1.94	2.82	4.03	1.30	1.91	2.78	3.96	1.00	1.43	2.11	3.06
1994	1.11	1.73	2.63	1.39	2.15	3.27	4.88	1.35	2.09	3.18	4.75	1.00	1.51	2.35	3.57
1995	1.14	1.85	2.95	1.46	2.38	3.80	5.92	1.41	2.29	3.65	5.69	1.00	1.60	2.61	4.15
1996	1.15	1.97	3.28	1.52	2.60	4.34	7.07	1.46	2.50	4.18	6.81	1.00	1.66	2.85	4.75
1997	1.17	2.09	3.66	1.58	2.84	4.96	8.45	1.53	2.74	4.79	8.17	1.00	1.73	3.11	5.44
1998	1.18	2.23	4.08	1.64	3.10	5.67	10.11	1.59	3.00	5.49	9.78	1.00	1.80	3.40	6.23
1999	1.20	2.37	4.55	1.71	3.38	6.48	12.08	1.66	3.28	6.29	11.72	1.00	1.88	3.72	7.13
2000	1.21	2.52	5.07	1.77	3.69	7.41	14.43	1.73	3.59	7.21	14.05	1.00	1.95	4.06	8.17
2001	1.22	2.67	5.62	1.83	4.00	8.41	17.14	1.78	3.90	8.20	16.70	1.00	2.03	4.42	9.31
2002	1.23	2.83	6.23	1.89	4.33	9.56	20.34	1.85	4.23	9.33	19.86	1.00	2.10	4.81	10.60
2003	1.24	2.99	6.91	1.95	4.70	10.86	24.17	1.91	4.59	10.61	23.61	1.00	2.17	5.23	12.08
2004	1.25	3.17	7.67	2.02	5.09	12.33	28.69	1.97	4.99	12.07	28.08	1.00	2.25	5.69	13.77
2005	1.26	3.35	8.50	2.08	5.52	14.00	34.06	2.04	5.41	13.73	33.39	1.00	2.33	6.19	15.68
2006	1.26	3.51	9.32	2.16	6.03	16.01	40.72	2.12	5.92	15.71	39.96	1.00	2.42	6.75	17.92
2007	1.25	3.67	10.21	2.25	6.58	18.30	48.65	2.21	6.47	18.00	47.85	1.00	2.51	7.35	20.46
2008	1.25	3.84	11.20	2.34	7.17	20.91	58.14	2.30	7.07	20.62	57.32	1.00	2.61	8.02	23.37
2009	1.25	4.02	12.27	2.43	7.83	23.91	69.48	2.40	7.73	23.61	68.61	1.00	2.71	8.74	26.69
2010	1.24	4.20	13.44	2.52	8.55	27.35	83.10	2.49	8.44	27.01	82.08	1.00	2.81	9.52	30.46

Table S-7. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES
 WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 7 (Kansas, Missouri, Iowa, Nebraska)

R E S I D E N T I A L

YEAR	ELECTRICITY				DISTILLATE FUEL				LIQUEFIED PETROLEUM GAS				NATURAL GAS			
	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1986	1.05	1.10	1.15	1.21	1.03	1.08	1.12	1.12	0.98	1.03	1.08	1.12	1.00	1.05	1.10	1.15
1987	1.02	1.12	1.23	1.35	1.08	1.19	1.30	1.30	0.98	1.08	1.19	1.30	1.04	1.14	1.26	1.37
1988	0.98	1.14	1.31	1.50	1.17	1.35	1.54	1.54	1.01	1.17	1.35	1.54	1.10	1.27	1.46	1.67
1989	0.96	1.16	1.40	1.67	1.27	1.53	1.83	1.83	1.04	1.27	1.53	1.83	1.15	1.40	1.68	2.01
1990	0.95	1.21	1.52	1.90	1.38	1.74	2.17	2.17	1.08	1.38	1.74	2.17	1.23	1.57	1.99	2.48
1991	0.94	1.26	1.66	2.17	1.53	2.02	2.64	2.64	1.14	1.53	2.02	2.64	1.31	1.75	2.31	3.02
1992	0.92	1.30	1.80	2.46	1.69	2.34	3.19	3.19	1.20	1.69	2.34	3.19	1.39	1.96	2.72	3.71
1993	0.91	1.34	1.95	2.78	1.86	2.70	3.86	3.86	1.26	1.86	2.70	3.85	1.47	2.17	3.15	4.50
1994	0.90	1.39	2.11	3.15	2.05	3.11	4.64	4.64	1.32	2.05	3.11	4.64	1.56	2.42	3.68	5.48
1995	0.88	1.44	2.29	3.58	2.25	3.58	5.59	5.59	1.38	2.25	3.58	5.58	1.64	2.67	4.25	6.62
1996	0.90	1.53	2.56	4.17	2.45	4.09	6.66	6.66	1.43	2.45	4.08	6.65	1.70	2.91	4.85	7.91
1997	0.91	1.63	2.85	4.85	2.67	4.66	7.95	7.95	1.48	2.66	4.65	7.93	1.77	3.17	5.54	9.45
1998	0.92	1.73	3.17	5.65	2.91	5.32	9.49	9.49	1.54	2.90	5.31	9.46	1.83	3.46	6.33	11.29
1999	0.93	1.84	3.53	6.59	3.17	6.08	11.32	11.32	1.59	3.16	6.06	11.28	1.90	3.77	7.23	13.48
2000	0.94	1.96	3.94	7.67	3.45	6.93	13.50	13.50	1.65	3.44	6.90	13.45	1.98	4.11	8.27	16.10
2001	0.95	2.07	4.37	8.89	3.73	7.86	16.00	16.00	1.70	3.72	7.83	15.94	2.05	4.47	9.40	19.14
2002	0.96	2.20	4.84	10.31	4.04	8.91	18.97	18.97	1.75	4.02	8.87	18.88	2.12	4.85	10.70	22.77
2003	0.97	2.33	5.37	11.96	4.37	10.11	22.50	22.50	1.81	4.35	10.05	22.38	2.19	5.27	12.18	27.10
2004	0.97	2.46	5.96	13.86	4.73	11.45	26.65	26.65	1.86	4.71	11.41	26.54	2.26	5.72	13.85	32.22
2005	0.98	2.61	6.61	16.08	5.12	12.99	31.59	31.59	1.92	5.10	12.93	31.45	2.34	6.21	15.76	38.33
2006	0.98	2.73	7.24	18.41	5.58	14.83	37.73	37.73	1.99	5.55	14.75	37.51	2.43	6.76	17.97	45.69
2007	0.97	2.85	7.93	21.09	6.08	16.93	45.02	45.02	2.07	6.05	16.83	44.75	2.52	7.36	20.47	54.44
2008	0.97	2.98	8.69	24.17	6.63	19.34	53.77	53.77	2.14	6.59	19.21	53.39	2.61	8.01	23.34	64.88
2009	0.97	3.12	9.53	27.69	7.23	22.08	64.16	64.16	2.22	7.18	21.91	63.69	2.70	8.71	26.61	77.33
2010	0.96	3.26	10.44	31.72	7.88	25.20	76.57	76.57	2.31	7.82	25.02	76.01	2.80	9.48	30.34	92.19

Table S-7, continued. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES
WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
BY END-USE SECTOR AND MAJOR FUEL

DoE Region 7 (Kansas, Missouri, Iowa, Nebraska)

C O M M E R C I A L

YEAR	ELECTRICITY				DISTILLATE FUEL				RESIDUAL FUEL				NATURAL GAS				STEAM COAL				
	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1986	1.05	1.10	1.16	1.21	0.97	1.02	1.07	1.12	1.17	1.00	1.05	1.10	1.15	0.99	1.04	1.09	1.14	1.01	1.06	1.11	1.16
1987	1.02	1.12	1.23	1.35	0.98	1.08	1.18	1.29	1.41	1.01	1.11	1.22	1.33	1.04	1.14	1.26	1.37	1.02	1.12	1.23	1.35
1988	0.98	1.14	1.31	1.50	1.01	1.17	1.35	1.54	1.74	1.03	1.19	1.37	1.56	1.10	1.27	1.46	1.67	1.03	1.19	1.37	1.56
1989	0.95	1.16	1.40	1.67	1.05	1.28	1.54	1.84	2.17	1.05	1.28	1.54	1.83	1.15	1.40	1.69	2.01	1.04	1.26	1.52	1.81
1990	0.94	1.21	1.52	1.90	1.09	1.40	1.76	2.20	2.70	1.08	1.38	1.74	2.17	1.24	1.59	2.01	2.50	1.05	1.34	1.69	2.11
1991	0.94	1.25	1.66	2.17	1.17	1.56	2.06	2.70	3.57	1.11	1.49	1.97	2.57	1.32	1.77	2.34	3.06	1.06	1.42	1.88	2.45
1992	0.92	1.30	1.80	2.45	1.24	1.74	2.41	3.29	4.52	1.14	1.60	2.22	3.03	1.42	1.99	2.76	3.77	1.07	1.51	2.09	2.85
1993	0.91	1.34	1.94	2.77	1.31	1.93	2.80	4.00	5.58	1.17	1.73	2.51	3.58	1.50	2.22	3.22	4.59	1.08	1.60	2.32	3.31
1994	0.89	1.39	2.11	3.14	1.38	2.14	3.25	4.84	6.74	1.20	1.86	2.83	4.23	1.59	2.47	3.76	5.61	1.10	1.70	2.58	3.86
1995	0.88	1.43	2.28	3.56	1.45	2.36	3.76	5.86	8.41	1.23	2.01	3.20	4.99	1.68	2.74	4.36	6.79	1.11	1.80	2.87	4.47
1996	0.89	1.53	2.55	4.15	1.51	2.57	4.29	7.00	10.21	1.28	2.20	3.67	5.98	1.75	2.99	4.99	8.13	1.12	1.91	3.19	5.20
1997	0.90	1.62	2.84	4.84	1.56	2.81	4.91	8.37	12.41	1.34	2.40	4.20	7.16	1.82	3.27	5.71	9.74	1.13	2.03	3.55	6.06
1998	0.92	1.73	3.16	5.63	1.63	3.07	5.62	10.01	15.11	1.40	2.63	4.82	8.59	1.90	3.57	6.54	11.66	1.15	2.16	3.96	7.05
1999	0.93	1.84	3.52	6.57	1.69	3.35	6.42	11.96	18.11	1.45	2.88	5.52	10.29	1.97	3.91	7.49	13.96	1.16	2.31	4.42	8.24
2000	0.94	1.95	3.93	7.65	1.76	3.65	7.34	14.30	21.41	1.52	3.15	6.33	12.33	2.05	4.27	8.58	16.71	1.18	2.45	4.92	9.59
2001	0.95	2.07	4.36	8.87	1.81	3.96	8.33	16.97	25.51	1.57	3.42	7.19	14.65	2.13	4.64	9.77	19.90	1.19	2.59	5.46	11.11
2002	0.96	2.19	4.83	10.29	1.87	4.29	9.47	20.15	29.61	1.62	3.71	8.19	17.43	2.20	5.05	11.14	23.73	1.20	2.74	6.05	12.87
2003	0.96	2.32	5.36	11.93	1.93	4.65	10.75	23.93	34.71	1.68	4.03	9.31	20.73	2.28	5.49	12.69	28.25	1.21	2.90	6.70	14.92
2004	0.97	2.46	5.94	13.83	2.00	5.05	12.21	28.41	40.81	1.73	4.38	10.59	24.65	2.37	5.98	14.47	33.66	1.21	3.07	7.43	17.29
2005	0.98	2.60	6.59	16.04	2.06	5.47	13.87	33.73	47.91	1.79	4.75	12.04	29.30	2.45	6.50	16.48	40.10	1.22	3.25	8.23	20.03
2006	0.98	2.72	7.22	18.37	2.14	5.97	15.84	40.30	57.01	1.86	5.19	13.79	35.07	2.54	7.09	18.82	47.87	1.23	3.43	9.12	23.20
2007	0.97	2.85	7.92	21.06	2.23	6.51	18.12	48.19	66.11	1.94	5.68	15.80	42.01	2.64	7.72	21.48	57.12	1.24	3.63	10.11	26.88
2008	0.97	2.98	8.68	24.12	2.31	7.11	20.72	57.59	77.21	2.02	6.20	18.08	50.26	2.74	8.42	24.55	68.24	1.25	3.84	11.20	31.14
2009	0.97	3.11	9.51	27.65	2.40	7.75	23.68	68.82	82.24	2.10	6.78	20.71	60.20	2.85	9.18	28.04	81.48	1.26	4.06	12.41	36.08
2010	0.96	3.26	10.42	31.67	2.50	8.46	27.07	82.24	97.29	2.19	7.41	23.72	72.07	2.96	10.01	32.02	97.29	1.27	4.30	13.75	41.79

Table S-8. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES
 WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 8 (Montana, North Dakota, South Dakota, Wyoming, Utah, Colorado)

R E S I D E N T I A L

YEAR	ELECTRICITY			DISTILLATE FUEL			LIQUEFIED PETROLEUM GAS			NATURAL GAS					
	0%	5%	10%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1986	1.01	1.06	1.11	0.98	1.03	1.08	1.12	0.98	1.03	1.08	1.12	1.00	1.05	1.10	1.15
1987	1.00	1.11	1.22	0.98	1.08	1.19	1.30	0.98	1.08	1.19	1.30	1.03	1.13	1.24	1.36
1988	1.00	1.16	1.33	1.01	1.17	1.35	1.54	1.01	1.17	1.35	1.54	1.05	1.22	1.40	1.60
1989	0.99	1.21	1.45	1.05	1.27	1.53	1.83	1.05	1.27	1.53	1.83	1.07	1.30	1.56	1.86
1990	0.98	1.25	1.58	1.08	1.38	1.74	2.18	1.08	1.38	1.74	2.18	1.13	1.45	1.82	2.28
1991	0.97	1.30	1.71	1.14	1.53	2.03	2.64	1.14	1.53	2.02	2.64	1.19	1.59	2.10	2.75
1992	0.96	1.35	1.87	1.20	1.69	2.35	3.20	1.20	1.69	2.35	3.20	1.25	1.77	2.45	3.34
1993	0.94	1.39	2.02	1.27	1.87	2.71	3.87	1.26	1.87	2.71	3.87	1.32	1.95	2.82	4.03
1994	0.93	1.44	2.19	1.33	2.06	3.13	4.67	1.32	2.06	3.12	4.66	1.39	2.16	3.28	4.90
1995	0.93	1.52	2.42	1.39	2.26	3.60	5.62	1.39	2.26	3.60	5.62	1.46	2.38	3.79	5.91
1996	0.94	1.61	2.69	1.44	2.46	4.11	6.70	1.44	2.46	4.11	6.69	1.52	2.60	4.34	7.07
1997	0.96	1.72	3.00	1.49	2.68	4.69	7.99	1.49	2.68	4.68	7.98	1.58	2.83	4.95	8.44
1998	0.97	1.83	3.34	1.55	2.92	5.35	9.54	1.55	2.91	5.34	9.51	1.64	3.09	5.66	10.08
1999	0.98	1.94	3.72	1.61	3.19	6.11	11.38	1.60	3.17	6.09	11.35	1.70	3.37	6.46	12.05
2000	0.99	2.06	4.15	1.67	3.47	6.97	13.57	1.66	3.45	6.94	13.52	1.77	3.68	7.39	14.39
2001	1.00	2.19	4.60	1.72	3.75	7.90	16.09	1.71	3.74	7.87	16.03	1.83	3.99	8.40	17.11
2002	1.01	2.31	5.10	1.77	4.06	8.96	19.07	1.77	4.05	8.92	18.99	1.89	4.33	9.56	20.35
2003	1.02	2.45	5.66	1.83	4.40	10.16	22.62	1.82	4.38	10.11	22.51	1.96	4.71	10.87	24.20
2004	1.03	2.59	6.28	1.88	4.76	11.52	26.81	1.87	4.74	11.47	26.68	2.02	5.11	12.37	28.80
2005	1.03	2.75	6.96	1.94	5.15	13.06	31.77	1.93	5.13	13.00	31.63	2.09	5.55	14.07	34.23
2006	1.03	2.87	7.63	2.02	5.61	14.91	37.93	2.00	5.58	14.83	37.72	2.17	6.04	16.05	40.83
2007	1.03	3.00	8.36	2.09	6.12	17.03	45.28	2.08	6.08	16.92	44.99	2.25	6.57	18.29	48.64
2008	1.02	3.14	9.16	2.17	6.67	19.44	54.03	2.16	6.63	19.32	53.70	2.33	7.15	20.85	57.97
2009	1.02	3.29	10.04	2.25	7.27	22.20	64.51	2.24	7.22	22.04	64.05	2.41	7.79	23.78	69.11
2010	1.01	3.44	10.99	2.34	7.92	25.35	77.03	2.32	7.86	25.14	76.39	2.50	8.47	27.11	82.36

Table S-8, continued. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES
 WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 8 (Montana, North Dakota, South Dakota, Wyoming, Utah, Colorado)

C O M M E R C I A L

YEAR	ELECTRICITY				DISTILLATE FUEL				RESIDUAL FUEL				NATURAL GAS				STEAM COAL				
	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
1986	1.01	1.06	1.11	1.16	0.97	1.02	1.07	1.12	1.17	1.00	1.05	1.10	1.15	1.01	1.06	1.11	1.16	1.03	1.08	1.13	1.18
1987	1.01	1.11	1.22	1.33	0.98	1.08	1.18	1.29	1.40	1.01	1.11	1.22	1.33	1.03	1.13	1.24	1.36	1.04	1.14	1.25	1.37
1988	1.00	1.16	1.33	1.52	1.01	1.17	1.35	1.54	1.73	1.04	1.21	1.39	1.59	1.04	1.21	1.39	1.59	1.05	1.21	1.39	1.59
1989	0.99	1.21	1.45	1.73	1.05	1.28	1.54	1.84	2.19	1.08	1.32	1.59	1.90	1.05	1.28	1.54	1.84	1.06	1.29	1.56	1.86
1990	0.98	1.25	1.58	1.97	1.09	1.39	1.76	2.19	2.68	1.13	1.45	1.83	2.28	1.11	1.42	1.79	2.24	1.07	1.37	1.73	2.16
1991	0.97	1.30	1.71	2.24	1.16	1.55	2.05	2.68	3.26	1.19	1.59	2.10	2.75	1.17	1.56	2.06	2.70	1.09	1.46	1.93	2.53
1992	0.96	1.35	1.87	2.55	1.23	1.73	2.39	3.26	3.96	1.24	1.74	2.42	3.30	1.23	1.73	2.40	3.27	1.10	1.55	2.15	2.93
1993	0.94	1.39	2.01	2.88	1.29	1.91	2.77	3.96	4.79	1.29	1.91	2.77	3.95	1.29	1.91	2.77	3.95	1.11	1.64	2.38	3.40
1994	0.93	1.44	2.19	3.27	1.36	2.11	3.21	4.79	5.79	1.35	2.09	3.17	4.73	1.36	2.12	3.21	4.80	1.13	1.75	2.66	3.97
1995	0.93	1.51	2.41	3.76	1.43	2.33	3.71	5.79	6.93	1.40	2.28	3.63	5.65	1.43	2.33	3.71	5.78	1.14	1.85	2.95	4.60
1996	0.94	1.61	2.69	4.38	1.49	2.55	4.25	6.93	8.28	1.46	2.49	4.16	6.78	1.49	2.55	4.25	6.92	1.15	1.96	3.27	5.34
1997	0.95	1.71	2.99	5.10	1.55	2.78	4.86	8.28	9.90	1.52	2.73	4.77	8.13	1.55	2.78	4.86	8.29	1.17	2.09	3.66	6.23
1998	0.97	1.82	3.34	5.94	1.61	3.03	5.55	9.90	11.83	1.58	2.98	5.46	9.74	1.61	3.04	5.57	9.93	1.17	2.21	4.05	7.23
1999	0.98	1.94	3.72	6.93	1.67	3.31	6.35	11.83	14.14	1.65	3.26	6.26	11.66	1.68	3.32	6.38	11.88	1.19	2.36	4.53	8.44
2000	0.99	2.06	4.14	8.07	1.74	3.61	7.26	14.14	16.78	1.72	3.57	7.17	13.97	1.75	3.63	7.30	14.22	1.21	2.52	5.06	9.85
2001	1.00	2.18	4.59	9.36	1.79	3.91	8.24	16.78	19.93	1.78	3.88	8.16	16.62	1.81	3.95	8.32	16.95	1.22	2.66	5.61	11.42
2002	1.01	2.31	5.10	10.85	1.85	4.25	9.36	19.93	23.67	1.84	4.21	9.28	19.75	1.88	4.30	9.48	20.18	1.23	2.82	6.21	13.23
2003	1.02	2.45	5.65	12.58	1.91	4.60	10.63	23.67	28.10	1.90	4.57	10.56	23.50	1.94	4.67	10.80	24.04	1.24	2.98	6.89	15.33
2004	1.03	2.59	6.27	14.59	1.97	4.99	12.08	28.10	33.37	1.96	4.96	12.00	27.93	2.01	5.09	12.31	28.66	1.25	3.15	7.63	17.76
2005	1.03	2.74	6.96	16.92	2.04	5.41	13.72	33.37	39.86	2.03	5.39	13.66	33.24	2.08	5.53	14.02	34.12	1.26	3.33	8.46	20.57
2006	1.03	2.87	7.62	19.39	2.12	5.90	15.67	39.86	47.65	2.11	5.88	15.63	39.75	2.16	6.03	16.01	40.72	1.27	3.53	9.37	23.83
2007	1.03	3.00	8.35	22.21	2.20	6.44	17.92	47.65	56.94	2.20	6.44	17.91	47.62	2.25	6.57	18.28	48.62	1.28	3.73	10.38	27.60
2008	1.02	3.14	9.15	25.45	2.29	7.03	20.48	56.94	68.07	2.29	7.03	20.51	57.00	2.33	7.16	20.89	58.06	1.28	3.95	11.50	31.97
2009	1.02	3.28	10.03	29.16	2.38	7.67	23.42	68.07	81.33	2.38	7.69	23.49	68.26	2.42	7.81	23.85	69.31	1.29	4.17	12.74	37.03
2010	1.01	3.44	10.99	33.40	2.47	8.37	26.77	81.33		2.48	8.40	26.88	81.68	2.52	8.52	27.25	82.80	1.30	4.41	14.11	42.89

Table S-9. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES
 WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
 BY END-USE SECTOR AND MAJOR FUEL

DoE Region 9 (California, Nevada, Arizona, Hawaii, Trust Territory of the Pacific Islands, American Samoa, Guam)

R E S I D E N T I A L

YEAR	ELECTRICITY			DISTILLATE FUEL			LIQUEFIED PETROLEUM GAS			NATURAL GAS					
	0%	5%	10%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1986	1.06	1.11	1.16	0.98	1.03	1.08	1.13	0.98	1.03	1.08	1.13	0.97	1.02	1.07	1.12
1987	1.06	1.17	1.29	0.98	1.08	1.19	1.30	0.98	1.08	1.19	1.30	1.01	1.12	1.23	1.34
1988	1.05	1.21	1.39	1.01	1.17	1.35	1.54	1.01	1.17	1.35	1.54	1.04	1.20	1.38	1.58
1989	1.04	1.27	1.53	1.04	1.27	1.53	1.82	1.04	1.27	1.53	1.83	1.16	1.40	1.69	2.02
1990	1.05	1.34	1.69	1.08	1.38	1.74	2.17	1.08	1.38	1.74	2.17	1.23	1.57	1.99	2.48
1991	1.06	1.41	1.87	1.14	1.52	2.01	2.63	1.14	1.52	2.01	2.63	1.30	1.74	2.30	3.01
1992	1.07	1.50	2.08	1.19	1.68	2.33	3.18	1.19	1.68	2.33	3.18	1.38	1.94	2.69	3.67
1993	1.08	1.60	2.32	1.25	1.85	2.68	3.83	1.25	1.85	2.69	3.83	1.45	2.15	3.11	4.44
1994	1.11	1.72	2.62	1.31	2.03	3.09	4.61	1.31	2.03	3.09	4.61	1.53	2.38	3.61	5.39
1995	1.13	1.83	2.92	1.37	2.23	3.56	5.55	1.37	2.23	3.56	5.55	1.60	2.61	4.16	6.49
1996	1.14	1.95	3.25	1.42	2.43	4.06	6.62	1.42	2.43	4.05	6.61	1.67	2.85	4.75	7.75
1997	1.16	2.07	3.63	1.47	2.65	4.63	7.89	1.47	2.65	4.62	7.88	1.73	3.11	5.43	9.26
1998	1.17	2.21	4.04	1.53	2.89	5.29	9.42	1.53	2.88	5.27	9.39	1.80	3.39	6.21	11.06
1999	1.19	2.35	4.50	1.59	3.14	6.03	11.23	1.58	3.13	6.01	11.20	1.87	3.70	7.09	13.21
2000	1.20	2.50	5.01	1.65	3.42	6.88	13.40	1.64	3.41	6.86	13.35	1.94	4.03	8.10	15.77
2001	1.21	2.64	5.56	1.70	3.70	7.80	15.88	1.69	3.69	7.77	15.82	2.01	4.38	9.22	18.77
2002	1.22	2.80	6.17	1.75	4.01	8.85	18.84	1.74	4.00	8.81	18.76	2.07	4.75	10.48	22.31
2003	1.23	2.96	6.84	1.80	4.34	10.03	22.32	1.80	4.32	9.98	22.22	2.14	5.16	11.92	26.54
2004	1.24	3.14	7.59	1.86	4.70	11.37	26.45	1.85	4.68	11.32	26.34	2.22	5.61	13.57	31.59
2005	1.25	3.32	8.41	1.92	5.08	12.89	31.36	1.91	5.06	12.83	31.22	2.29	6.09	15.44	37.55
2006	1.25	3.47	9.22	1.99	5.54	14.73	37.45	1.98	5.52	14.65	37.26	2.38	6.63	17.61	44.78
2007	1.24	3.63	10.10	2.06	6.04	16.81	44.69	2.05	6.01	16.72	44.45	2.47	7.21	20.07	53.36
2008	1.24	3.80	11.07	2.14	6.58	19.19	53.34	2.13	6.54	19.08	53.03	2.56	7.85	22.88	63.61
2009	1.23	3.97	12.13	2.23	7.18	21.92	63.69	2.21	7.13	21.76	63.25	2.65	8.54	26.07	75.78
2010	1.23	4.15	13.29	2.31	7.82	25.02	76.00	2.29	7.76	24.84	75.48	2.74	9.29	29.74	90.36

Table S-9, continued. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES
WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
BY END-USE SECTOR AND MAJOR FUEL

DoE Region 9 (California, Nevada, Arizona, Hawaii, Trust Territory of the Pacific Islands, American Samoa, Guam)

C O M M E R C I A L

YEAR	ELECTRICITY				DISTILLATE FUEL				RESIDUAL FUEL				NATURAL GAS				STEAM COAL				
	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1986	1.06	1.11	1.16	1.22	0.97	1.02	1.07	1.12	1.17	1.00	1.05	1.10	1.15	0.95	1.00	1.05	1.10	1.11	1.17	1.22	1.28
1987	1.06	1.17	1.29	1.41	0.98	1.08	1.18	1.29	1.41	1.01	1.11	1.22	1.33	0.97	1.07	1.18	1.29	1.11	1.23	1.35	1.47
1988	1.05	1.21	1.39	1.59	1.01	1.17	1.35	1.54	1.74	1.03	1.20	1.38	1.57	0.98	1.13	1.30	1.48	1.13	1.31	1.50	1.72
1989	1.04	1.27	1.53	1.82	1.06	1.28	1.55	1.85	2.21	1.07	1.30	1.56	1.86	1.09	1.32	1.59	1.90	1.15	1.40	1.69	2.02
1990	1.05	1.34	1.69	2.11	1.10	1.40	1.77	2.21	2.71	1.11	1.41	1.78	2.23	1.14	1.45	1.83	2.29	1.17	1.50	1.89	2.36
1991	1.06	1.42	1.87	2.44	1.17	1.57	2.07	2.71	3.31	1.15	1.54	2.04	2.66	1.18	1.58	2.09	2.72	1.20	1.60	2.12	2.77
1992	1.07	1.50	2.08	2.84	1.24	1.75	2.42	3.31	4.03	1.19	1.68	2.33	3.17	1.23	1.73	2.39	3.27	1.22	1.72	2.38	3.25
1993	1.09	1.60	2.33	3.32	1.32	1.95	2.82	4.03	4.88	1.24	1.83	2.65	3.78	1.27	1.88	2.73	3.90	1.23	1.82	2.65	3.78
1994	1.11	1.72	2.62	3.90	1.39	2.15	3.27	4.88	5.92	1.28	1.98	3.02	4.50	1.33	2.06	3.12	4.66	1.26	1.95	2.97	4.43
1995	1.13	1.84	2.92	4.56	1.46	2.38	3.80	5.92	7.08	1.32	2.15	3.43	5.35	1.37	2.23	3.56	5.55	1.29	2.10	3.34	5.21
1996	1.14	1.95	3.26	5.31	1.52	2.60	4.34	7.08	8.46	1.38	2.36	3.93	6.41	1.43	2.44	4.07	6.64	1.31	2.23	3.73	6.08
1997	1.16	2.08	3.63	6.19	1.58	2.84	4.96	8.46	10.10	1.44	2.58	4.51	7.69	1.49	2.67	4.66	7.95	1.32	2.37	4.14	7.07
1998	1.17	2.21	4.05	7.21	1.64	3.10	5.67	10.10	12.08	1.50	2.82	5.16	9.20	1.55	2.92	5.34	9.52	1.34	2.53	4.63	8.24
1999	1.19	2.35	4.51	8.40	1.71	3.38	6.48	12.08	14.44	1.56	3.09	5.92	11.02	1.61	3.19	6.12	11.40	1.35	2.68	5.14	9.58
2000	1.20	2.50	5.02	9.79	1.78	3.69	7.42	14.44	17.15	1.62	3.38	6.79	13.22	1.68	3.49	7.00	13.64	1.37	2.85	5.74	11.17
2001	1.21	2.65	5.58	11.35	1.83	4.00	8.42	17.15	20.36	1.68	3.67	7.72	15.72	1.74	3.79	7.98	16.26	1.38	3.02	6.35	12.94
2002	1.22	2.80	6.18	13.16	1.89	4.34	9.56	20.36	24.17	1.74	3.98	8.78	18.69	1.80	4.12	9.10	19.37	1.39	3.19	7.04	14.98
2003	1.23	2.97	6.86	15.26	1.95	4.70	10.86	24.17	28.69	1.80	4.32	9.99	22.23	1.86	4.49	10.36	23.06	1.40	3.37	7.79	17.35
2004	1.24	3.14	7.61	17.70	2.02	5.09	12.33	28.69	34.06	1.86	4.69	11.36	26.43	1.93	4.88	11.81	27.48	1.42	3.58	8.66	20.16
2005	1.25	3.33	8.44	20.53	2.08	5.52	14.00	34.06	40.72	1.92	5.09	12.91	31.42	2.00	5.31	13.45	32.73	1.43	3.78	9.59	23.34
2006	1.25	3.48	9.25	23.52	2.16	6.03	16.01	40.72	48.66	2.00	5.57	14.79	37.61	2.08	5.78	15.36	39.06	1.44	4.00	10.62	27.02
2007	1.24	3.64	10.13	26.94	2.25	6.58	18.30	48.66	58.15	2.08	6.09	16.94	45.03	2.16	6.31	17.55	46.67	1.44	4.23	11.76	31.28
2008	1.24	3.81	11.10	30.87	2.34	7.18	20.92	58.15	69.50	2.17	6.65	19.40	53.92	2.24	6.87	20.04	55.71	1.46	4.48	13.07	36.32
2009	1.24	3.98	12.17	35.36	2.43	7.83	23.92	69.50	83.13	2.25	7.27	22.20	64.52	2.32	7.49	22.89	66.51	1.47	4.74	14.47	42.05
2010	1.23	4.17	13.34	40.53	2.53	8.55	27.36	83.13		2.35	7.95	25.43	77.26	2.41	8.17	26.13	79.41	1.48	5.01	16.02	48.67

Table S-10. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES
 WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 10 (Washington, Oregon, Idaho, Alaska)

R E S I D E N T I A L

YEAR	ELECTRICITY				DISTILLATE FUEL				LIQUEFIED PETROLEUM GAS				NATURAL GAS			
	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1986	0.95	1.00	1.05	1.10	0.98	1.03	1.08	1.13	0.98	1.03	1.08	1.13	0.99	1.04	1.09	1.14
1987	0.95	1.04	1.15	1.25	0.98	1.08	1.19	1.30	0.98	1.08	1.19	1.30	0.99	1.10	1.20	1.32
1988	0.96	1.11	1.27	1.45	1.01	1.17	1.35	1.54	1.01	1.17	1.35	1.54	0.99	1.15	1.32	1.51
1989	0.96	1.16	1.40	1.67	1.04	1.26	1.52	1.82	1.04	1.27	1.52	1.82	1.05	1.27	1.53	1.83
1990	0.97	1.24	1.56	1.95	1.07	1.37	1.73	2.16	1.07	1.37	1.73	2.16	1.10	1.40	1.77	2.21
1991	1.00	1.34	1.77	2.31	1.13	1.51	2.00	2.61	1.13	1.51	2.00	2.61	1.13	1.52	2.01	2.62
1992	1.02	1.43	1.98	2.70	1.18	1.66	2.30	3.14	1.18	1.66	2.30	3.14	1.18	1.67	2.31	3.15
1993	1.00	1.47	2.14	3.05	1.24	1.83	2.65	3.78	1.24	1.83	2.65	3.78	1.23	1.81	2.63	3.75
1994	1.02	1.58	2.40	3.58	1.29	2.00	3.04	4.54	1.29	2.00	3.04	4.54	1.28	1.99	3.02	4.51
1995	1.05	1.71	2.72	4.24	1.35	2.19	3.49	5.44	1.35	2.19	3.49	5.44	1.33	2.17	3.45	5.38
1996	1.06	1.82	3.03	4.94	1.40	2.39	3.99	6.50	1.40	2.39	3.98	6.49	1.38	2.36	3.94	6.43
1997	1.08	1.93	3.38	5.76	1.45	2.60	4.55	7.75	1.45	2.60	4.54	7.74	1.44	2.58	4.51	7.69
1998	1.09	2.06	3.76	6.71	1.50	2.83	5.19	9.24	1.50	2.83	5.18	9.23	1.49	2.82	5.15	9.19
1999	1.10	2.19	4.19	7.81	1.56	3.09	5.92	11.03	1.55	3.08	5.90	11.00	1.55	3.07	5.89	10.97
2000	1.12	2.32	4.67	9.10	1.62	3.36	6.75	13.15	1.61	3.35	6.73	13.12	1.61	3.35	6.73	13.10
2001	1.13	2.46	5.18	10.55	1.67	3.64	7.66	15.59	1.66	3.63	7.63	15.55	1.66	3.63	7.65	15.58
2002	1.14	2.61	5.75	12.23	1.72	3.94	8.68	18.48	1.71	3.93	8.66	18.43	1.72	3.95	8.70	18.53
2003	1.15	2.76	6.37	14.18	1.77	4.26	9.85	21.92	1.77	4.25	9.82	21.85	1.78	4.29	9.91	22.05
2004	1.16	2.92	7.07	16.45	1.83	4.61	11.16	25.97	1.82	4.60	11.13	25.89	1.84	4.66	11.27	26.22
2005	1.16	3.09	7.83	19.06	1.88	4.99	12.66	30.79	1.87	4.97	12.61	30.68	1.91	5.06	12.83	31.20
2006	1.16	3.23	8.59	21.84	1.95	5.44	14.45	36.76	1.94	5.42	14.39	36.60	1.97	5.50	14.61	37.17
2007	1.16	3.38	9.41	25.01	2.03	5.93	16.50	43.87	2.02	5.90	16.42	43.67	2.05	5.99	16.67	44.32
2008	1.15	3.54	10.31	28.67	2.10	6.46	18.84	52.36	2.09	6.43	18.74	52.09	2.12	6.52	19.00	52.81
2009	1.15	3.70	11.29	32.82	2.18	7.04	21.52	62.53	2.17	7.00	21.38	62.13	2.20	7.09	21.65	62.93
2010	1.14	3.87	12.38	37.62	2.27	7.68	24.57	74.65	2.25	7.63	24.40	74.14	2.28	7.72	24.70	75.03

Table S-10, continued. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES
 WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
 BY END-USE SECTOR AND MAJOR FUEL
 DoE Region 10 (Washington, Oregon, Idaho, Alaska)

C O M M E R C I A L

YEAR	ELECTRICITY				DISTILLATE FUEL				RESIDUAL FUEL				NATURAL GAS				STEAM COAL			
	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1986	0.95	1.00	1.05	1.10	0.97	1.02	1.07	1.12	1.17	1.00	1.05	1.10	1.15	1.00	1.05	1.10	1.14	1.00	1.05	1.10
1987	0.95	1.04	1.14	1.25	0.98	1.08	1.18	1.29	1.41	1.00	1.11	1.22	1.33	1.00	1.10	1.21	1.32	1.01	1.11	1.22
1988	0.96	1.11	1.27	1.45	1.01	1.17	1.35	1.54	1.76	1.03	1.19	1.37	1.57	1.00	1.16	1.33	1.52	1.02	1.18	1.36
1989	0.96	1.16	1.40	1.67	1.05	1.28	1.54	1.84	2.19	1.06	1.29	1.55	1.85	1.06	1.29	1.56	1.86	1.03	1.25	1.51
1990	0.97	1.24	1.56	1.95	1.09	1.39	1.76	2.19	2.70	1.09	1.40	1.76	2.20	1.12	1.43	1.81	2.25	1.04	1.32	1.67
1991	1.00	1.34	1.77	2.31	1.16	1.55	2.05	2.68	3.41	1.13	1.51	2.00	2.61	1.16	1.56	2.06	2.69	1.06	1.41	1.87
1992	1.02	1.43	1.98	2.71	1.23	1.73	2.39	3.26	4.33	1.17	1.64	2.28	3.11	1.22	1.71	2.37	3.24	1.07	1.50	2.08
1993	1.00	1.47	2.14	3.05	1.30	1.92	2.78	3.97	5.41	1.20	1.78	2.58	3.69	1.27	1.87	2.71	3.87	1.08	1.59	2.31
1994	1.02	1.58	2.40	3.58	1.36	2.12	3.22	4.80	6.61	1.24	1.93	2.93	4.37	1.33	2.06	3.14	4.68	1.09	1.69	2.58
1995	1.05	1.71	2.72	4.24	1.43	2.34	3.72	5.80	8.19	1.28	2.09	3.32	5.18	1.38	2.25	3.59	5.60	1.11	1.81	2.88
1996	1.06	1.82	3.03	4.94	1.49	2.55	4.25	6.93	10.11	1.33	2.28	3.80	6.20	1.44	2.47	4.11	6.71	1.12	1.92	3.20
1997	1.08	1.93	3.38	5.76	1.55	2.78	4.86	8.29	12.91	1.39	2.49	4.36	7.43	1.50	2.70	4.71	8.03	1.14	2.04	3.57
1998	1.09	2.06	3.76	6.71	1.61	3.03	5.56	9.90	15.41	1.45	2.73	5.00	8.91	1.56	2.95	5.40	9.62	1.15	2.17	3.98
1999	1.11	2.19	4.20	7.82	1.67	3.31	6.35	11.84	18.41	1.51	2.99	5.73	10.67	1.63	3.22	6.18	11.51	1.17	2.31	4.43
2000	1.12	2.33	4.68	9.11	1.74	3.62	7.26	14.15	21.91	1.57	3.27	6.57	12.79	1.69	3.52	7.08	13.79	1.18	2.46	4.94
2001	1.13	2.47	5.19	10.57	1.79	3.92	8.25	16.79	25.41	1.63	3.55	7.47	15.22	1.75	3.83	8.06	16.42	1.19	2.60	5.48
2002	1.14	2.61	5.75	12.25	1.85	4.25	9.37	19.95	29.91	1.68	3.85	8.49	18.09	1.82	4.16	9.18	19.55	1.20	2.75	6.07
2003	1.15	2.76	6.38	14.21	1.91	4.61	10.64	23.69	35.91	1.74	4.18	9.66	21.51	1.88	4.53	10.46	23.29	1.21	2.91	6.73
2004	1.16	2.92	7.08	16.47	1.98	4.99	12.09	28.13	43.41	1.80	4.54	10.99	25.57	1.95	4.93	11.93	27.75	1.22	3.08	7.45
2005	1.17	3.10	7.85	19.10	2.04	5.41	13.73	33.39	53.41	1.86	4.93	12.51	30.42	2.02	5.36	13.59	33.05	1.23	3.25	8.25
2006	1.16	3.24	8.60	21.87	2.12	5.90	15.69	39.89	63.41	1.93	5.39	14.32	36.42	2.10	5.84	15.52	39.47	1.24	3.45	9.15
2007	1.16	3.39	9.43	25.07	2.20	6.45	17.94	47.70	77.41	2.01	5.89	16.39	43.59	2.18	6.37	17.72	47.12	1.24	3.64	10.13
2008	1.15	3.55	10.34	28.73	2.29	7.03	20.50	56.99	89.41	2.10	6.44	18.77	52.18	2.26	6.94	20.24	56.26	1.26	3.86	11.24
2009	1.15	3.71	11.33	32.93	2.38	7.68	23.45	68.14	104.41	2.18	7.04	21.50	62.49	2.35	7.57	23.11	67.17	1.26	4.07	12.44
2010	1.15	3.88	12.41	37.70	2.47	8.37	26.79	81.41	121.41	2.27	7.70	24.63	74.82	2.44	8.25	26.39	80.18	1.27	4.31	13.80

Table S-11. PROJECTED NOMINAL, AVERAGE FUEL PRICE INDICES
 WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
 BY END-USE SECTOR AND MAJOR FUEL
 United States Average

R E S I D E N T I A L

YEAR	ELECTRICITY				DISTILLATE FUEL				LIQUEFIED PETROLEUM GAS				NATURAL GAS			
	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1986	1.01	1.06	1.11	1.16	0.98	1.03	1.08	1.13	0.98	1.03	1.08	1.13	1.00	1.05	1.10	1.15
1987	1.01	1.12	1.23	1.34	0.98	1.08	1.19	1.30	0.98	1.08	1.19	1.30	1.03	1.13	1.24	1.36
1988	1.01	1.17	1.35	1.54	1.01	1.17	1.35	1.54	1.01	1.17	1.35	1.54	1.06	1.23	1.41	1.62
1989	1.00	1.22	1.47	1.75	1.04	1.27	1.52	1.82	1.04	1.27	1.53	1.82	1.12	1.36	1.64	1.96
1990	0.99	1.27	1.60	2.00	1.07	1.37	1.73	2.16	1.08	1.37	1.73	2.16	1.18	1.51	1.91	2.38
1991	0.99	1.32	1.75	2.29	1.13	1.51	2.00	2.61	1.13	1.52	2.01	2.62	1.24	1.67	2.20	2.88
1992	0.99	1.39	1.92	2.62	1.18	1.66	2.30	3.14	1.19	1.68	2.32	3.17	1.32	1.85	2.57	3.51
1993	0.98	1.45	2.10	3.00	1.24	1.83	2.65	3.78	1.25	1.84	2.68	3.82	1.39	2.05	2.97	4.24
1994	0.98	1.52	2.30	3.44	1.29	2.00	3.04	4.54	1.31	2.03	3.08	4.59	1.46	2.26	3.44	5.13
1995	0.98	1.59	2.54	3.96	1.35	2.19	3.49	5.44	1.36	2.22	3.54	5.52	1.53	2.49	3.96	6.18
1996	0.99	1.69	2.83	4.61	1.40	2.39	3.98	6.50	1.41	2.42	4.04	6.58	1.59	2.71	4.52	7.38
1997	1.00	1.80	3.15	5.37	1.45	2.60	4.55	7.75	1.47	2.63	4.60	7.84	1.65	2.96	5.17	8.81
1998	1.02	1.92	3.51	6.25	1.50	2.83	5.19	9.24	1.52	2.87	5.25	9.36	1.71	3.23	5.90	10.52
1999	1.03	2.04	3.91	7.29	1.56	3.09	5.92	11.03	1.58	3.12	5.99	11.15	1.78	3.52	6.74	12.57
2000	1.04	2.17	4.36	8.49	1.62	3.36	6.75	13.15	1.63	3.40	6.82	13.29	1.85	3.84	7.71	15.01
2001	1.05	2.30	4.83	9.84	1.67	3.64	7.65	15.58	1.68	3.68	7.74	15.76	1.91	4.17	8.77	17.86
2002	1.06	2.43	5.36	11.41	1.72	3.94	8.68	18.48	1.74	3.98	8.77	18.68	1.97	4.53	9.98	21.25
2003	1.07	2.57	5.94	13.23	1.77	4.26	9.84	21.90	1.79	4.31	9.95	22.14	2.04	4.91	11.35	25.27
2004	1.08	2.72	6.59	15.34	1.82	4.61	11.16	25.97	1.84	4.66	11.27	26.23	2.11	5.34	12.92	30.07
2005	1.09	2.88	7.31	17.78	1.88	4.99	12.65	30.78	1.90	5.04	12.78	31.08	2.19	5.80	14.70	35.76
2006	1.08	3.02	8.01	20.37	1.95	5.44	14.44	36.74	1.97	5.49	14.58	37.09	2.26	6.31	16.76	42.62
2007	1.08	3.15	8.78	23.34	2.03	5.93	16.50	43.87	2.04	5.98	16.64	44.24	2.35	6.86	19.10	50.80
2008	1.07	3.30	9.61	26.73	2.10	6.46	18.83	52.35	2.12	6.51	18.99	52.79	2.43	7.47	21.78	60.55
2009	1.07	3.45	10.54	30.62	2.18	7.04	21.51	62.50	2.20	7.10	21.67	62.99	2.52	8.13	24.82	72.14
2010	1.07	3.61	11.55	35.08	2.27	7.67	24.56	74.61	2.28	7.73	24.73	75.15	2.61	8.85	28.31	86.01

Table S-11, continued. PROJECTED NOMINAL AVERAGE FUEL PRICE INDICES
 WITH ASSUMED GENERAL PRICE INFLATION RATES OF 0, 5, 10, AND 15 PERCENT
 BY END-USE SECTOR AND MAJOR FUEL
 United States Average

C O M M E R C I A L

YEAR	ELECTRICITY				DISTILLATE FUEL				RESIDUAL FUEL				NATURAL GAS				STEAM COAL				
	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	0%	5%	10%	15%	
1985	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1986	1.01	1.06	1.11	1.16	0.97	1.02	1.07	1.12	1.17	1.00	1.05	1.10	1.15	1.00	1.05	1.10	1.15	1.01	1.07	1.12	1.17
1987	1.02	1.12	1.23	1.35	0.98	1.08	1.18	1.29	1.41	1.00	1.11	1.21	1.33	1.02	1.12	1.23	1.35	1.02	1.13	1.24	1.35
1988	1.02	1.18	1.36	1.55	1.01	1.17	1.35	1.54	1.73	1.04	1.20	1.38	1.57	1.05	1.22	1.40	1.60	1.04	1.20	1.38	1.58
1989	1.01	1.22	1.47	1.76	1.05	1.27	1.53	1.83	2.12	1.07	1.30	1.57	1.87	1.11	1.35	1.62	1.94	1.05	1.27	1.53	1.83
1990	1.00	1.27	1.61	2.01	1.09	1.38	1.75	2.18	2.64	1.11	1.42	1.79	2.24	1.17	1.50	1.89	2.36	1.07	1.36	1.72	2.15
1991	0.99	1.33	1.76	2.30	1.15	1.54	2.04	2.67	3.35	1.16	1.55	2.05	2.68	1.24	1.66	2.19	2.86	1.08	1.45	1.92	2.50
1992	0.99	1.39	1.93	2.63	1.22	1.71	2.37	3.24	4.14	1.20	1.70	2.35	3.20	1.31	1.84	2.55	3.49	1.09	1.54	2.13	2.90
1993	0.99	1.46	2.11	3.02	1.28	1.90	2.75	3.93	5.01	1.25	1.85	2.68	3.82	1.38	2.04	2.95	4.21	1.11	1.63	2.37	3.38
1994	0.98	1.53	2.32	3.46	1.35	2.09	3.18	4.74	6.14	1.30	2.01	3.06	4.56	1.45	2.25	3.43	5.11	1.12	1.74	2.64	3.94
1995	0.99	1.61	2.56	3.99	1.42	2.31	3.67	5.73	7.54	1.35	2.19	3.49	5.44	1.52	2.48	3.95	6.16	1.13	1.84	2.93	4.57
1996	1.00	1.71	2.85	4.65	1.47	2.52	4.20	6.85	9.14	1.40	2.39	3.99	6.51	1.58	2.71	4.52	7.37	1.14	1.96	3.26	5.32
1997	1.01	1.82	3.18	5.41	1.53	2.75	4.80	8.19	10.84	1.46	2.62	4.58	7.81	1.65	2.96	5.18	8.83	1.16	2.09	3.65	6.22
1998	1.02	1.93	3.54	6.31	1.59	3.00	5.49	9.79	13.14	1.52	2.87	5.25	9.36	1.72	3.24	5.93	10.57	1.18	2.22	4.07	7.25
1999	1.04	2.06	3.94	7.35	1.65	3.27	6.28	11.70	15.62	1.58	3.14	6.02	11.21	1.79	3.54	6.79	12.65	1.19	2.36	4.53	8.44
2000	1.05	2.19	4.40	8.56	1.72	3.57	7.18	13.98	18.44	1.65	3.43	6.90	13.43	1.86	3.87	7.78	15.15	1.21	2.51	5.04	9.82
2001	1.06	2.32	4.87	9.93	1.77	3.87	8.15	16.60	22.44	1.71	3.73	7.85	15.98	1.93	4.21	8.85	18.03	1.22	2.66	5.59	11.38
2002	1.07	2.45	5.41	11.51	1.83	4.20	9.26	19.71	26.85	1.77	4.05	8.93	19.01	2.00	4.58	10.09	21.48	1.23	2.81	6.20	13.19
2003	1.08	2.60	6.00	13.35	1.89	4.55	10.51	23.39	31.44	1.82	4.39	10.14	22.58	2.07	4.98	11.50	25.59	1.24	2.97	6.87	15.29
2004	1.09	2.75	6.65	15.48	1.95	4.93	11.94	27.79	36.85	1.89	4.77	11.54	26.85	2.14	5.41	13.10	30.49	1.25	3.15	7.62	17.72
2005	1.10	2.91	7.38	17.95	2.01	5.35	13.55	32.97	42.44	1.95	5.18	13.13	31.94	2.22	5.89	14.93	36.32	1.25	3.33	8.46	20.54
2006	1.09	3.04	8.09	20.57	2.09	5.84	15.50	39.43	48.44	2.03	5.66	15.03	38.23	2.30	6.42	17.04	43.34	1.26	3.52	9.34	23.80
2007	1.09	3.19	8.86	23.57	2.18	6.37	17.72	47.12	54.44	2.12	6.19	17.22	45.78	2.39	7.00	19.47	51.78	1.27	3.71	10.33	27.47
2008	1.08	3.33	9.71	27.00	2.26	6.95	20.25	56.30	62.44	2.20	6.76	19.71	54.78	2.48	7.63	22.24	61.82	1.28	3.93	11.45	31.83
2009	1.08	3.49	10.65	30.94	2.35	7.59	23.17	67.32	73.44	2.29	7.39	22.58	65.62	2.58	8.32	25.40	73.81	1.29	4.16	12.69	36.88
2010	1.08	3.65	11.67	35.45	2.44	8.27	26.48	80.44	86.44	2.39	8.08	25.85	78.54	2.68	9.07	29.00	88.12	1.30	4.40	14.06	42.73

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10. SUPPLEMENTARY NOTES This report is comprised of energy price and discount factor tables which are annual updates of counterpart tables in NBS Handbook 135 and NBS Special Publication 709. Only minor changes have been made to this previously WERB-approved material. <input type="checkbox"/> Document describes a computer program; SF-185, FIPS Software Summary, is attached.			
11. ABSTRACT (A 200-word or less factual summary of most significant information. If document includes a significant bibliography or literature survey, mention it here) This report provides the 1985 annual edition of the energy price and discount factor tables used to supplement both the federal life-cycle costing methodology as described in NBS Handbook 135 (HB 135) and private sector life-cycle cost analysis as described in NBS Special Publication 709 (SP 709). Tables A (7%), Ba, and C represent revisions of Appendices A, B, and C, respectively, of HB 135. They should be used in life-cycle cost analyses of federal energy conservation projects. Tables A (10%), Bb, and C are to be used in life-cycle cost analyses of federal non-energy conservation projects that require energy price forecasts. The last section of this report, the supplement for private sector life-cycle cost analysis, is identical to Appendix B, Part I of SP 709 and is provided for the convenience of private sector analysts wishing to make use of federal energy price forecasts.			
12. KEY WORDS (Six to twelve entries; alphabetical order; capitalize only proper names; and separate key words by semicolons) average fuel prices; energy conservation; energy price forecasts; Federal Energy Management Program; life-cycle cost analysis; single present worth discount factors; uniform present worth discount factors			
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