

- 1 **Q. Please provide all underlying data and a complete copy of the computer printout,**
2 **including all related statistical tests (e.g., confidence, goodness of fit, variance, etc.)**
3 **for the regression equations presented on page 52 of 67 and for the equation in**
4 **footnote 31 on page 52 of 67.**
5
6 **A. A copy of the requested data is provided in Attachment A.**

**Regression Equations
Underlying Data**

ATMOS ENERGY CORP

TICKER:

SIC:

Ticker Symbol

	Div per Share	Price-Close	MDY	Growth	DCF
Jan93	0.26	19.25	5.40	7	
Feb93	0.26	20.438	5.09	6	
Mar93	0.26	21	4.95	6	
Apr93	0.26	20.188	5.15	6	
May93	0.26	19.5	5.33	5	
Jun93	0.26	20.063	5.18	5	
Jul93	0.26	20.125	5.17	5	
Aug93	0.26	19.063	5.46	5	
Sep93	0.26	18.813	5.53	5	
Oct93	0.26	18.375	5.66	5	
Nov93	0.26	18.125	5.74	4.25	
Dec93	0.26	19.438	5.35	4.25	
Jan94	0.26	19.313	5.38	4	
Feb94	0.26	17.75	5.86	4	
Mar94	0.26	17.25	6.03	4.25	
Apr94	0.26	17.938	5.80	4	
May94	0.26	17.25	6.03	5	
Jun94	0.26	16.938	6.14	5	
Jul94	0.26	17.5	5.94	5	
Aug94	0.26	16.375	6.35	5	
Sep94	0.26	15.313	6.79	4.75	
Oct94	0.26	16.25	6.40	4.5	
Nov94	0.26	14.813	7.02	4.5	
Dec94	0.26	15	6.93	4.5	
Jan95	0.26	16	6.50	4.5	
Feb95	0.26	16.875	6.16	4.5	
Mar95	0.26	17.375	5.99	4.5	
Apr95	0.26	18.25	5.70	4.75	
May95	0.26	17.125	6.07	4.75	
Jun95	0.26	17.375	5.99	4.5	
Jul95	0.26	17.5	5.94	5	
Aug95	0.26	18.438	5.64	5	
Sep95	0.26	19.313	5.38	5	
Oct95	0.26	19.313	5.38	5	
Nov95	0.265	19.125	5.54	5	
Dec95	0.265	19.75	5.37	5	
Jan96	0.265	20.25	5.23	5	
Feb96	0.265	18.125	5.85	5	
Mar96	0.265	18.375	5.77	5	
Apr96	0.265	18.875	5.62	5	
May96	0.265	17.625	6.01	5	
Jun96	0.265	18.875	5.62	5	
Jul96	0.265	18.25	5.81	5	
Aug96	0.265	20.25	5.23	5	
Sep96	0.265	19.125	5.54	5	
Oct96	0.265	21	5.05	5	
Nov96	0.27	21.125	5.11	5	
Dec96	0.27	21.125	5.11	5	
Jan97	0.27	20.875	5.17	5	
Feb97	0.27	19.5	5.54	5	
Mar97	0.27	18.625	5.80	5	
Apr97	0.27	19.25	5.61	5	
May97	0.27	19.125	5.65	5	
Jun97	0.27	20.625	5.24	5	
Jul97	0.27	20.937	5.16	5	
Aug97	0.27	18.937	5.70	5	
Sep97	0.27	18.937	5.70	5	
Oct97	0.27	18.125	5.96	5	
Nov97	0.27	19.625	5.50	5	
Dec97	0.27	20.437	5.28	5	
Jan98	0.27	19.812	5.45	5	
Feb98	0.27	20.312	5.32	4.5	
Mar98	0.27	21.5	5.02	4.5	
Apr98	0.27	20.813	5.19	4.5	
May98	0.27	20	5.40	4.5	
Jun98	0.27	19.813	5.45	5	
Jul98	0.27	18.813	5.74	5	
Aug98	0.27	18.313	5.90	5	
Sep98	0.27	19.375	5.57	5	
Oct98	0.27	20.938	5.16	5	
Nov98	0.27	21.563	5.01	5	
Dec98	0.27	23.063	4.68	5.00	

ATMOS ENERGY CORP

TICKER:

SIC:

Ticker Symbol

Div per Share ATO

	Div per Sh	Price-Clos	DY	Growth	DCF
12.6 Jan93	0.213	16.667	5.11	11.5	16.9 Jan93
11.2 Feb93	0.213	16.75	5.09	11.5	16.9 Feb93
11.1 Mar93	0.213	17.583	4.85	10.75	15.9 Mar93
11.3 Apr93	0.213	18.5	4.61	10.75	15.6 Apr93
10.5 May93	0.213	18.667	4.56	10.75	15.6 May93
10.3 Jun93	0.213	18.75	4.54	10.75	15.5 Jun93
10.3 Jul93	0.213	19.75	4.31	10.75	15.3 Jul93
10.6 Aug93	0.213	21.25	4.01	10	14.2 Aug93
10.7 Sep93	0.213	20.333	4.19	10	14.4 Sep93
10.8 Oct93	0.213	20.75	4.11	10	14.3 Oct93
10.1 Nov93	0.22	18.25	4.82	11.5	16.6 Nov93
9.7 Dec93	0.22	18.417	4.78	11.5	16.6 Dec93
9.5 Jan94	0.22	19.5	4.51	11.5	16.3 Jan94
10.0 Feb94	0.22	19.667	4.47	9	13.7 Feb94
10.4 Mar94	0.22	17.833	4.93	9	14.2 Mar94
9.9 Apr94	0.22	19.167	4.59	8	12.8 Apr94
11.2 May94	0.22	18.5	4.76	9.5	14.5 May94
11.3 Jun94	0.22	18.375	4.79	9.5	14.5 Jun94
11.1 Jul94	0.22	17.75	4.96	9.5	14.7 Jul94
11.5 Aug94	0.22	17	5.18	9.5	14.9 Aug94
11.7 Sep94	0.22	17.75	4.96	9	14.2 Sep94
11.0 Oct94	0.22	16.375	5.37	9	14.6 Oct94
11.7 Nov94	0.23	17.375	5.29	9	14.5 Nov94
11.6 Dec94	0.23	17	5.41	9	14.7 Dec94
11.1 Jan95	0.23	16.375	5.62	9	14.9 Jan95
10.8 Feb95	0.23	18.125	5.08	8	13.3 Feb95
10.6 Mar95	0.23	18.5	4.97	8	13.2 Mar95
10.6 Apr95	0.23	18.75	4.91	8	13.1 Apr95
11.0 May95	0.23	19.25	4.78	9	14.0 May95
10.6 Jun95	0.23	20.25	4.54	9	13.7 Jun95
11.1 Jul95	0.23	20	4.60	9	13.8 Jul95
10.8 Aug95	0.23	19.875	4.63	9	13.8 Aug95
10.5 Sep95	0.23	19.375	4.75	9	14.0 Sep95
10.5 Oct95	0.23	18.375	5.01	9	14.2 Oct95
10.7 Nov95	0.24	20.875	4.60	9	13.8 Nov95
10.5 Dec95	0.24	23	4.17	9	13.4 Dec95
10.4 Jan96	0.24	21.25	4.52	9	13.7 Jan96
11.0 Feb96	0.24	22.625	4.24	9	13.4 Feb96
10.9 Mar96	0.24	23	4.17	7	11.3 Mar96
10.8 Apr96	0.24	24.75	3.88	7	11.0 Apr96
11.2 May96	0.24	24.125	3.98	8	12.1 May96
10.8 Jun96	0.24	30.625	3.13	8	11.3 Jun96
11.0 Jul96	0.24	21.375	4.49	8	12.7 Jul96
10.4 Aug96	0.24	22.875	4.20	8	12.4 Aug96
10.7 Sep96	0.24	23.375	4.11	8	12.3 Sep96
10.2 Oct96	0.24	23.75	4.04	8	12.2 Oct96
10.2 Nov96	0.25	24.625	4.06	8	12.2 Nov96
10.2 Dec96	0.25	23.875	4.19	8	12.4 Dec96
10.3 Jan97	0.25	22.75	4.40	8	12.6 Jan97
10.7 Feb97	0.25	24.5	4.08	8.4	12.7 Feb97
10.9 Mar97	0.25	25.375	3.94	8.4	12.5 Mar97
10.8 Apr97	0.25	22.625	4.42	8.4	13.0 Apr97
10.8 May97	0.25	23.125	4.32	8.4	12.9 May97
10.4 Jun97	0.25	24	4.17	9	13.4 Jun97
10.3 Jul97	0.25	24.062	4.16	9	13.3 Jul97
10.8 Aug97	0.255	27.25	3.74	9.5	13.4 Aug97
10.8 Sep97	0.255	24.875	4.10	9.25	13.5 Sep97
11.1 Oct97	0.255	25.25	4.04	9.25	13.5 Oct97
10.6 Nov97	0.265	26.562	3.99	9.5	13.7 Nov97
10.4 Dec97	0.265	30.25	3.50	9.5	13.2 Dec97
10.6 Jan98	0.265	28.5	3.72	9	12.9 Jan98
9.9 Feb98	0.265	28.687	3.70	10	13.9 Feb98
9.6 Mar98	0.265	29.625	3.58	9.5	13.2 Mar98
9.8 Apr98	0.265	29.438	3.60	9.5	13.3 Apr98
10.0 May98	0.265	30.75	3.45	9.5	13.1 May98
10.6 Jun98	0.265	30.5	3.48	9	12.6 Jun98
10.9 Jul98	0.265	29.25	3.62	9	12.8 Jul98
11.0 Aug98	0.265	28.375	3.74	9	12.9 Aug98
10.7 Sep98	0.265	28.563	3.71	9	12.9 Sep98
10.3 Oct98	0.265	29.688	3.57	9	12.7 Oct98
10.1 Nov98	0.275	30.625	3.59	8	11.7 Nov98
9.8 Dec98	0.275	32.25	3.41	9.00	12.6 Dec98

NEW JER:

TICKER:

SIC:

Ticker Symbol

ATMOS ENERGY CORP

TICKER:

SIC:

Ticker Symbol

TICKER:

SIC:

ATO
Ticker Symbol 4924

Div per Share ATO

NEW JER:

TICKER:

SIC:

Ticker Syr

Div per Share Price-Close MDY			Growth		DCF		Div per Sh Price-Clos DY			Growth		DCF	
Jan99	0.27	20.125	5.37	5.00	10.5	Jan99	0.275	28.813	3.82	9.00	13.0	Jan99	
Feb99	0.27	19.062	5.67	5.00	10.8	Feb99	0.275	24	4.58	9.00	13.8	Feb99	
Mar99	0.27	17.562	6.15	5.00	11.3	Mar99	0.275	23.062	4.77	9.00	14.0	Mar99	
Apr99	0.27	18.188	5.94	5.00	11.1	Apr99	0.275	25.25	4.36	8.00	12.5	Apr99	
May99	0.27	18.875	5.72	5.00	10.9	May99	0.275	25.375	4.33	7.85	12.4	May99	
Jun99	0.27	18.438	5.86	5.00	11.0	Jun99	0.275	25	4.40	7.85	12.4	Jun99	
Jul-99	0.27	18.875	5.72	5.00	10.9	Jul-99	0.275	25	4.40	7.85	12.4	Jul-99	
Aug-99	0.27	18.062	5.98	5.00	11.1	Aug-99	0.275	25.062	4.39	7.85	12.4	Aug-99	
Sep-99	0.27	16.25	6.65	5.00	11.8	Sep-99	0.275	24.125	4.56	7.85	12.6	Sep-99	
Oct-99	0.27	17.375	6.22	5.00	11.4	Oct-99	0.275	21.125	5.21	7.00	12.4	Oct-99	
Nov-99	0.27	18.5	5.84	5.00	11.0	Nov-99	0.285	21.125	5.40	7.00	12.6	Nov-99	
Dec-99	0.27	17	6.35	5.00	11.5	Dec-99	0.285	20.438	5.58	7.00	12.8	Dec-99	
Jan-00	0.27	17.188	6.28	5.00	11.4	Jan-00	0.285	17.187	6.63	7.0000	13.9	Jan-00	
Feb-00	0.27	17.062	6.33	5.00	11.5	Feb-00	0.285	17.125	6.66	7.0000	13.9	Feb-00	
Mar-00	0.27	18.375	5.88	5.00	11.0	Mar-00	0.285	16.375	6.96	7.0000	14.2	Mar-00	
Apr-00	0.27	17.5	6.17	5.00	11.3	Apr-00	0.285	16.125	7.07	7.0000	14.3	Apr-00	
May-00	0.27	16.625	6.50	5.00	11.7	May-00	0.285	17.688	6.45	6.3500	13.0	May-00	
Jun-00	0.27	15.938	6.78	5.00	11.9	Jun-00	0.285	17.5	6.51	7.0000	13.7	Jun-00	
Jul-00	0.27	18.062	5.98	5.30	11.4	Jul-00	0.285	20.63	5.53	7.0	12.7	Jul-00	
Aug-00	0.27	18.938	5.70	5.30	11.2	Aug-00	0.285	20.75	5.49	7.0	12.7	Aug-00	
Sep-00	0.27	20.062	5.38	5.30	10.8	Sep-00	0.285	20.63	5.53	7.0	12.7	Sep-00	
Oct-00	0.27	20.375	5.30	5.30	10.7	Oct-00	0.285	23.13	4.93	7.0	12.1	Oct-00	
Nov-00	0.27	22.5	4.80	5.30	10.2	Nov-00	0.29	25.13	4.62	7.0	11.8	Nov-00	
Dec-00	0.27	22.062	4.90	5.30	10.3	Dec-00	0.29	24.38	4.76	7.0	11.9	Dec-00	
Jan-01	0.27	20.5	5.27	5.30	10.7	Jan-01	0.29	24.47	4.74	7.0	11.9	Jan-01	
Feb-01	0.27	21.63	4.99	5.30	10.4	Feb-01	0.29	23.30	4.98	7.0	12.2	Feb-01	
Mar-01	0.27	21.91	4.93	5.30	10.4	Mar-01	0.29	23.80	4.87	7.0	12.0	Mar-01	
Apr-01	0.27	22.85	4.73	5.00	9.8	Apr-01	0.29	22.67	5.12	7.0	12.3	Apr-01	
May-01	0.27	23.5	4.60	5.00	9.7	May-01	0.29	23.20	5.00	7.0	12.2	May-01	
Jun-01	0.27	23.75	4.55	6.50	11.2	Jun-01	0.29	24.46	4.74	7.5	12.4	Jun-01	
Jul-01	0.27	23.41	4.61	8.00	12.8	Jul-01	0.29	21.75	5.33	8.0	13.5	Jul-01	
Aug-01	0.27	24.25	4.45	8.00	12.6	Aug-01	0.29	22.20	5.23	7.5	12.9	Aug-01	
Sep-01	0.27	20.8	5.19	8.00	13.4	Sep-01	0.29	21.74	5.34	7.0	12.5	Sep-01	
Oct-01	0.27	21.13	5.11	8.00	13.3	Oct-01	0.29	21.97	5.28	6.0	11.4	Oct-01	
Nov-01	0.27	21.43	5.04	8.00	13.2	Nov-01	0.295	19.60	6.02	6.0	12.2	Nov-01	
Dec-01	0.27	22.6	4.78	8.00	13.0	Dec-01	0.295	21.13	5.58	6.0	11.8	Dec-01	
Jan-02	0.27	21.28	5.08	8.00	13.3	Jan-02	0.295	21.10	5.59	6.0	11.8	Jan-02	
Feb-02	0.27	22.25	4.85	8.00	13.0	Feb-02	0.295	22.30	5.29	6.0	11.5	Feb-02	
Mar-02	0.27	23.5	4.60	8.00	12.8	Mar-02	0.295	23.60	5.00	6.0	11.2	Mar-02	
Apr-02	0.27	23.94	4.51	8.00	12.7	Apr-02	0.295	23.93	4.93	6.0	11.1	Apr-02	
May-02	0.27	22.9	4.72	8.00	12.9	May-02	0.295	23.14	5.10	6.0	11.3	May-02	
Jun-02	0.27	23.2	4.66	8.00	12.8	Jun-02	0.295	23.44	5.03	6.0	11.2	Jun-02	

SEY RESOURCES

NJR

4924

NJR

Div per Sh Price-Clos DY

Growth

DCF

NICOR INC

TICKER: GAS

SIC: 4924

TICKER Syr GAS

Div per Sh Price-Clos DY

Growth

DCF

NORTHWEST NATURAL GAS CO

TICKER: NWNG

SIC: 4924

TICKER Syr NWNG

Div per Sh Price-Clos DY

Growth

0.25	16.83	6.02	4.67	10.83	Jan93	0.295	25.125	4.70	5.5	10.3	Jan93	0.287	19.833	5.79	6
0.25	17.75	5.71	3.33	9.14	Feb93	0.295	27.188	4.34	5.5	10.0	Feb93	0.287	21.333	5.38	6
0.25	17.50	5.79	3.33	9.22	Mar93	0.305	30.313	4.02	5.5	9.6	Mar93	0.287	21.583	5.32	6
0.25	17.25	5.87	4.17	10.16	Apr93	0.305	28.625	4.26	5.5	9.9	Apr93	0.293	22.333	5.25	6
0.25	17.25	5.87	4.00	9.99	May93	0.305	28.5	4.28	5.5	9.9	May93	0.293	23.667	4.95	6
0.25	18.50	5.48	4.00	9.59	Jun93	0.305	27.25	4.48	6	10.6	Jun93	0.293	22.667	5.17	6
0.25	18.50	5.48	4.67	10.27	Jul93	0.305	26.75	4.56	7	11.7	Jul93	0.293	24.167	4.85	5.5
0.25	18.83	5.38	4.00	9.49	Aug93	0.305	29.875	4.08	7	11.2	Aug93	0.293	25.167	4.66	5.5
0.25	19.42	5.22	4.00	9.32	Sep93	0.305	30.5	4.00	7	11.1	Sep93	0.293	24.75	4.74	5.5
0.25	18.33	5.53	4.00	9.64	Oct93	0.305	28.25	4.32	7	11.5	Oct93	0.293	24.167	4.85	5.5
0.25	17.25	5.87	3.00	8.96	Nov93	0.305	27.5	4.44	6	10.6	Nov93	0.293	23.333	5.02	5.5
0.25	17.25	5.87	3.00	8.96	Dec93	0.305	28	4.36	6	10.5	Dec93	0.293	22.833	5.13	5.5
0.25	17.50	5.79	3.33	9.22	Jan94	0.305	28.75	4.24	6	10.4	Jan94	0.293	24	4.88	5.5
0.25	17.17	5.90	3.33	9.33	Feb94	0.305	27	4.52	5.5	10.1	Feb94	0.293	23.833	4.92	5.5
0.25	16.25	6.24	3.00	9.33	Mar94	0.315	25.5	4.94	6	11.1	Mar94	0.293	22.5	5.21	5.5
0.25	16.50	6.14	3.00	9.23	Apr94	0.315	26.625	4.73	5.5	10.4	Apr94	0.293	22.5	5.21	5
0.25	16.00	6.33	3.33	9.77	May94	0.315	26.875	4.69	6	10.8	May94	0.293	20.667	5.67	6
0.25	14.67	6.91	3.33	10.36	Jun94	0.315	26.375	4.78	6	10.9	Jun94	0.293	20	5.86	6
0.25	14.83	6.83	3.33	10.28	Jul94	0.315	25.125	5.01	5.5	10.7	Jul94	0.293	19.833	5.91	6
0.25	14.92	6.79	3.33	10.24	Aug94	0.315	24.375	5.17	6	11.3	Aug94	0.293	20.333	5.76	6
0.25	14.08	7.20	3.33	10.65	Sep94	0.315	24.25	5.20	6	11.4	Sep94	0.293	21.333	5.49	6
0.25	14.50	6.99	3.33	10.44	Oct94	0.315	24.375	5.17	6	11.3	Oct94	0.293	20	5.86	4.5
0.25	15.25	6.64	3.33	10.09	Nov94	0.315	22.5	5.60	5.5	11.3	Nov94	0.293	19.167	6.11	4.5
0.25	15.08	6.72	3.33	10.16	Dec94	0.315	22.75	5.54	5.5	11.2	Dec94	0.293	19.667	5.96	4.5
0.25	14.92	6.79	3.33	10.24	Jan95	0.315	23.875	5.28	5	10.4	Jan95	0.293	20.25	5.79	4
0.25	15.42	6.57	3.33	10.02	Feb95	0.315	24.75	5.09	5	10.2	Feb95	0.293	20.167	5.81	4
0.25	14.83	6.83	3.33	10.28	Mar95	0.32	25	5.12	5	10.2	Mar95	0.293	20.833	5.63	4.25
0.25	15.00	6.76	3.33	10.20	Apr95	0.32	24.75	5.17	5	10.3	Apr95	0.293	20.625	5.68	4.5
0.25	15.17	6.68	3.33	10.13	May95	0.32	26.625	4.81	5	9.9	May95	0.293	19.75	5.93	4.5
0.25	15.42	6.57	3.33	10.02	Jun95	0.32	26.875	4.76	5	9.9	Jun95	0.293	20.833	5.63	4.5
0.25	15.83	6.40	3.33	9.84	Jul95	0.32	25.375	5.04	4	9.1	Jul95	0.293	21	5.58	4.25
0.25	16.00	6.33	3.33	9.77	Aug95	0.32	25.625	5.00	4	9.1	Aug95	0.293	20.667	5.67	4.25
0.25	17.25	5.87	3.33	9.31	Sep95	0.32	27.25	4.70	4	8.8	Sep95	0.293	20.667	5.67	4.5
0.25	16.67	6.08	3.33	9.51	Oct95	0.32	26.875	4.76	4	8.9	Oct95	0.3	21.333	5.63	4.5
0.25	18.58	5.45	3.33	8.88	Nov95	0.32	25.375	5.04	5	10.2	Nov95	0.3	22.333	5.37	4.5
0.25	20.08	5.05	3.33	8.46	Dec95	0.32	27.5	4.65	5	9.8	Dec95	0.3	22	5.45	4.5
0.25	18.25	5.55	3.33	8.98	Jan96	0.32	27.25	4.70	5	9.8	Jan96	0.3	22.167	5.41	4.5
0.25	19.42	5.22	3.33	8.64	Feb96	0.32	26.625	4.81	5	9.9	Feb96	0.3	22	5.45	4.5
0.26	19.25	5.40	3.33	8.83	Mar96	0.33	26.75	4.93	5	10.1	Mar96	0.3	21.167	5.67	4.5
0.26	18.92	5.50	3.33	8.92	Apr96	0.33	27.875	4.74	5	9.9	Apr96	0.3	21.667	5.54	4.5
0.26	18.33	5.67	3.33	9.10	May96	0.33	27.75	4.76	5	9.9	May96	0.3	22.833	5.26	4.5
0.26	19.17	5.43	3.33	8.85	Jun96	0.33	28.375	4.65	5	9.8	Jun96	0.3	23.333	5.14	4.5
0.26	18.50	5.62	3.33	9.05	Jul96	0.33	28.375	4.65	5	9.8	Jul96	0.3	23.083	5.20	4.5
0.26	19.08	5.45	3.33	8.87	Aug96	0.33	31.375	4.21	5	9.3	Aug96	0.3	23.667	5.07	4.5
0.26	18.67	5.57	3.33	9.00	Sep96	0.33	33.75	3.91	5	9.0	Sep96	0.3	23	5.22	5
0.26	18.42	5.65	3.33	9.07	Oct96	0.33	34.875	3.78	5	8.9	Oct96	0.3	25.375	4.73	5
0.26	19.75	5.27	3.33	8.69	Nov96	0.33	36.5	3.62	5	8.7	Nov96	0.3	25	4.80	5
0.27	19.50	5.47	3.33	8.89	Dec96	0.33	35.75	3.69	5	8.8	Dec96	0.3	24	5.00	5
0.27	19.92	5.36	3.33	8.78	Jan97	0.33	36.125	3.65	5	8.7	Jan97	0.3	25	4.80	5
0.27	19.17	5.57	3.33	8.99	Feb97	0.33	33.5	3.94	5	9.0	Feb97	0.3	24.25	4.95	4.2
0.27	19.00	5.61	3.33	9.04	Mar97	0.35	32	4.38	5.5	10.0	Mar97	0.3	24.5	4.90	4.2
0.27	19.25	5.54	3.33	8.97	Apr97	0.35	33.875	4.13	5.5	9.7	Apr97	0.3	24.25	4.95	4.2
0.27	20.75	5.14	3.33	8.56	May97	0.35	34.375	4.07	5.5	9.7	May97	0.3	24.375	4.92	5.35
0.27	20.92	5.10	3.33	8.52	Jun97	0.35	35.875	3.90	5.5	9.5	Jun97	0.3	26.187	4.58	5.05
0.27	21.08	5.06	3.33	8.48	Jul97	0.35	36.625	3.82	5.5	9.4	Jul97	0.3	26	4.62	5.05
0.27	21.37	4.99	3.33	8.41	Aug97	0.35	36.312	3.86	6	10.0	Aug97	0.3	25	4.80	5.05
0.27	21.58	4.94	3.33	8.36	Sep97	0.35	37.5	3.73	6	9.8	Sep97	0.3	25.75	4.66	5.05
0.27	21.58	4.94	3.33	8.36	Oct97	0.35	38.562	3.63	6	9.7	Oct97	0.305	24.625	4.95	5.05
0.27	23.21	4.60	3.33	8.01	Nov97	0.35	40.25	3.48	6.45	10.0	Nov97	0.305	28	4.36	5.05
0.27	26.71	4.09	3.83	8.01	Dec97	0.35	42.187	3.32	5.5	8.9	Dec97	0.305	31	3.94	5
0.27	23.67	4.62	3.83	8.54	Jan98	0.35	40.25	3.48	5.5	9.1	Jan98	0.305	26.625	4.58	5.05
0.27	24.33	4.49	4.00	8.58	Feb98	0.35	41.125	3.40	5.5	9.0	Feb98	0.305	28.187	4.33	5.05
0.27	26.12	4.19	4.00	8.27	Mar98	0.37	42.25	3.50	5.5	9.1	Mar98	0.305	28.125	4.34	5.05
0.27	25.17	4.34	4.00	8.43	Apr98	0.37	40.938	3.62	5.5	9.2	Apr98	0.305	27	4.52	5.05
0.27	23.96	4.56	4.00	8.65	May98	0.37	38.688	3.83	5.5	9.4	May98	0.305	27.5	4.44	5
0.27	23.79	4.60	4.00	8.69	Jun98	0.37	40.125	3.69	6	9.8	Jun98	0.305	27.969	4.36	5
0.27	22.83	4.79	4.00	8.88	Jul98	0.37	38.5	3.84	6.45	10.4	Jul98	0.305	26.25	4.65	5
0.27	22.46	4.87	4.00	8.97	Aug98	0.37	38.813	3.81	6	9.9	Aug98	0.305	24.375	5.01	5
0.27	23.75	4.60	4.00	8.70	Sep98	0.37	41.438	3.57	6	9.7	Sep98	0.305	27.656	4.41	5
0.27	25.63	4.27	4.00	8.35	Oct98	0.37	42.375	3.49	6	9.6	Oct98	0.305	27.875	4.38	5
0.27	25.96	4.21	4.00	8.30	Nov98	0.37	42.063	3.52	6	9.6	Nov98	0.305	28.375	4.30	5
0.28	26.33	4.25	4.00	8.34	Dec98	0.37	42.25	3.50	5.50	9.1	Dec98	0.305	25.875	4.71	5.00

SEY RESOURCES

NJR

4924

NJR

Div per Sh Price-Clos DY

Growth

DCF

NICOR INC

TICKER: GAS

SIC: 4924

Ticker Syr GAS

Div per Sh Price-Clos DY

Growth

DCF

NORTHWEST NATURAL GAS CO

TICKER: NWNG

SIC: 4924

Ticker Syr NWNG

Div per Sh Price-Clos DY

Growth

0.28	24.25	4.62	4.00	8.71	Jan99	0.37	37.563	3.94	5.50	9.5	Jan99	0.305	23.5	5.19	5.00
0.28	23.29	4.81	4.00	8.90	Feb99	0.37	37.188	3.98	6.00	10.1	Feb99	0.305	22.469	5.43	5.00
0.28	23.71	4.72	4.00	8.82	Mar99	0.39	35.938	4.34	6.00	10.5	Mar99	0.305	21.125	5.78	5.00
0.28	24.58	4.56	4.00	8.65	Apr99	0.39	36.375	4.29	6.00	10.4	Apr99	0.305	22.562	5.41	5.00
0.28	25.17	4.45	4.00	8.54	May99	0.39	37.625	4.15	6.00	10.3	May99	0.305	24	5.08	5.00
0.28	24.96	4.49	4.00	8.58	Jun99	0.39	38.062	4.10	6.00	10.2	Jun99	0.305	24.125	5.06	5.00
0.28	26.37	4.25	4.00	8.33	Jul-99	0.39	38.688	4.03	6.00	10.2	Jul-99	0.305	26.375	4.63	5.00
0.28	25.83	4.34	4.00	8.42	Aug-99	0.39	38.688	4.03	6.00	10.2	Aug-99	0.305	25	4.88	5.00
0.28	26.67	4.20	4.00	8.28	Sep-99	0.39	37.188	4.19	6.00	10.3	Sep-99	0.305	25.812	4.73	5.00
0.28	27.13	4.13	4.00	8.21	Oct-99	0.39	35.25	4.43	6.90	11.5	Oct-99	0.305	24.125	5.06	5.00
0.28	26.83	4.17	4.00	8.26	Nov-99	0.39	33.688	4.63	6.45	11.2	Nov-99	0.305	22.25	5.48	4.50
0.29	26.04	4.40	4.00	8.49	Dec-99	0.39	32.125	4.86	6.45	11.5	Dec-99	0.305	21.938	5.56	4.00
0.29	25.21	4.55	4.00	8.64	Jan-00	0.39	33.25	4.69	6.4500	11.3	Jan-00	0.31	19.875	6.24	4.0000
0.29	24.75	4.63	4.00	8.73	Feb-00	0.39	30.375	5.14	6.0000	11.3	Feb-00	0.31	19.5	6.36	4.0000
0.29	28.50	4.02	4.00	8.10	Mar-00	0.415	32.938	5.04	6.0000	11.2	Mar-00	0.31	19.5	6.36	4.0000
0.29	28.63	4.27	4.00	8.36	Apr-00	0.415	33.875	4.90	6.0000	11.0	Apr-00	0.31	22	5.64	4.0000
0.29	25.83	4.44	4.17	8.70	May-00	0.415	36.438	4.56	6.4500	11.2	May-00	0.31	20.375	6.09	3.0000
0.29	25.37	4.52	4.17	8.78	Jun-00	0.415	32.625	5.09	6.4500	11.7	Jun-00	0.31	22.375	5.54	4.0000
0.29	26.67	4.30	4.17	8.56	Jul-00	0.415	34.688	4.79	6.45	11.4	Jul-00	0.31	23.125	5.36	4
0.29	26.67	4.30	4.17	8.56	Aug-00	0.415	36.875	4.50	6.45	11.1	Aug-00	0.31	23	5.39	5
0.29	27.08	4.23	4.17	8.49	Sep-00	0.415	36.188	4.59	6.45	11.2	Sep-00	0.31	22.75	5.45	5
0.29	26.63	4.31	4.17	8.56	Oct-00	0.415	35.312	4.70	6.45	11.3	Oct-00	0.31	23.438	5.29	5
0.29	26.83	4.27	4.33	8.70	Nov-00	0.415	38.562	4.30	6	10.4	Nov-00	0.31	24	5.17	5
0.29	28.83	4.07	4.33	8.49	Dec-00	0.415	43.188	3.84	6	10.0	Dec-00	0.31	26.5	4.68	5
0.29	24.84	4.72	4.33	9.16	Jan-01	0.415	35.66	4.66	6	10.8	Jan-01	0.31	24.01	5.16	5
0.29	25.51	4.60	4.33	9.03	Feb-01	0.415	37	4.49	6	10.6	Feb-01	0.31	24.45	5.07	5
0.29	27.43	4.28	4.33	8.70	Mar-01	0.44	37.27	4.72	6	10.9	Mar-01	0.31	24	5.17	5
0.29	28.86	4.07	4.33	8.49	Apr-01	0.44	39.19	4.49	6	10.6	Apr-01	0.31	22.2	5.59	5
0.29	29.76	3.94	4.33	8.36	May-01	0.44	38.79	4.54	6	10.7	May-01	0.31	23.9	5.19	4.5
0.29	30.13	3.89	4.33	8.31	Jun-01	0.44	38.98	4.52	6	10.7	Jun-01	0.31	24.2	5.12	4.5
0.29	28.97	4.05	4.33	8.47	Jul-01	0.44	35.65	4.94	6	11.1	Jul-01	0.31	24.26	5.11	4.2
0.29	28.81	4.07	4.17	8.32	Aug-01	0.44	38.33	4.59	6	10.7	Aug-01	0.31	24.8	5.00	4.6
0.29	29.03	4.04	4.33	8.46	Sep-01	0.44	39.06	4.51	6	10.6	Sep-01	0.31	23.02	5.39	5
0.29	30.45	3.85	4.33	8.27	Oct-01	0.415	39.88	4.16	6	10.3	Oct-01	0.315	24.22	5.20	5
0.29	31.30	3.75	4.17	7.99	Nov-01	0.415	38.97	4.26	6	10.4	Nov-01	0.315	24.45	5.15	4.2
0.29	31.17	3.76	4.17	8.01	Dec-01	0.44	41.59	4.23	6	10.4	Dec-01	0.315	25.52	4.94	4.2
0.30	30.25	3.97	4.17	8.22	Jan-02	0.44	40.64	4.33	6	10.5	Jan-02	0.315	26.15	4.82	4.6
0.30	30.39	3.95	4.00	8.03	Feb-02	0.44	41.85	4.21	6	10.3	Feb-02	0.315	26.34	4.78	4.6
0.30	30.24	3.97	4.00	8.05	Mar-02	0.46	45.55	4.04	6	10.2	Mar-02	0.315	28.01	4.50	4.6
0.30	32.00	3.75	4.00	7.83	Apr-02	0.46	46.78	3.93	5	9.0	Apr-02	0.315	28.4	4.44	4.6
0.30	30.50	3.93	4.67	8.69	May-02	0.46	48.06	3.83	5	8.9	May-02	0.315	29.25	4.31	4.6
0.30	29.85	4.02	4.67	8.78	Jun-02	0.46	45.75	4.02	5	9.1	Jun-02	0.315	28.75	4.38	4.6

PEOPLES ENERGY CORP
TICKER: PGL
SIC: 4924
Ticker Syr PGL

PIEDMONT NATURAL GAS CO
TICKER: PNY
SIC: 4924
Ticker Syr PNY

WASHINGTON GAS LIGHT CC
TICKER: WGL
SIC: 4924
Ticker Syr WGL

DCF	Div per Sh Price-Clos DY	Growth	DCF	Div per Sh Price-Clos DY	Growth	DCF	Div per Sh Price-Clos
12.0 Jan93	0.44 30 5.87	4	10.0 Jan93	0.23 19.563 4.70	8.5	13.4 Jan93	0.267 18.75
11.5 Feb93	0.44 32.5 5.42	4	9.5 Feb93	0.23 21.813 4.22	8.5	12.9 Feb93	0.267 19.938
11.5 Mar93	0.445 32.375 5.50	4.5	10.1 Mar93	0.245 21.938 4.47	8	12.6 Mar93	0.267 22.188
11.4 Apr93	0.445 30.375 5.86	4.5	10.5 Apr93	0.245 24.625 3.98	8.5	12.6 Apr93	0.272 21.625
11.1 May93	0.445 32.5 5.48	4.5	10.1 May93	0.245 23 4.26	8	12.4 May93	0.272 21.375
11.3 Jun93	0.445 32.375 5.50	4.5	10.1 Jun93	0.245 22.75 4.31	8	12.5 Jun93	0.272 21.875
10.5 Jul93	0.445 34.25 5.20	5.25	10.6 Jul93	0.245 24.375 4.02	8	12.2 Jul93	0.272 22
10.3 Aug93	0.445 35.5 5.01	5.25	10.4 Aug93	0.245 26.375 3.72	7	10.8 Aug93	0.272 21.125
10.4 Sep93	0.445 31.875 5.58	5.25	11.0 Sep93	0.245 25.375 3.86	7	11.0 Sep93	0.272 22.688
10.5 Oct93	0.445 31.75 5.61	5.25	11.0 Oct93	0.245 25.375 3.86	7	11.0 Oct93	0.272 21.438
10.7 Nov93	0.445 29.125 6.11	4.25	10.5 Nov93	0.245 21.25 4.61	7	11.8 Nov93	0.272 20.438
10.8 Dec93	0.445 30.5 5.84	4.25	10.2 Dec93	0.245 20.125 4.87	5.5	10.5 Dec93	0.272 20.625
10.5 Jan94	0.445 30.875 5.77	4.25	10.1 Jan94	0.245 21.75 4.51	5.5	10.1 Jan94	0.272 20.75
10.6 Feb94	0.445 29.875 5.96	3.5	9.6 Feb94	0.245 22.375 4.38	5.5	10.0 Feb94	0.272 20.063
10.9 Mar94	0.45 27.375 6.58	4.25	11.0 Mar94	0.26 21 4.95	5.5	10.6 Mar94	0.272 19.75
10.3 Apr94	0.45 31 5.81	4	9.9 Apr94	0.26 21.125 4.92	5.5	10.6 Apr94	0.277 19.313
11.8 May94	0.45 27.875 6.46	5	11.6 May94	0.26 20 5.20	6	11.4 May94	0.277 19
12.0 Jun94	0.45 23.375 7.70	5	12.9 Jun94	0.26 20.25 5.14	6	11.3 Jun94	0.277 18.875
12.1 Jul94	0.45 25.625 7.02	4	11.2 Jul94	0.26 21.375 4.87	5.85	10.9 Jul94	0.277 19
11.9 Aug94	0.45 26.75 6.73	3	9.8 Aug94	0.26 21 4.95	5.85	10.9 Aug94	0.277 19
11.7 Sep94	0.45 26.25 6.86	3	10.0 Sep94	0.26 21.5 4.84	6	11.0 Sep94	0.277 17.938
10.5 Oct94	0.45 28.125 6.40	3	9.5 Oct94	0.26 20.125 5.17	6	11.3 Oct94	0.277 17.938
10.8 Nov94	0.45 24.5 7.35	3	10.5 Nov94	0.26 19.625 5.30	6	11.5 Nov94	0.277 16.688
10.6 Dec94	0.45 26.125 6.89	3	10.0 Dec94	0.26 18.875 5.51	6	11.7 Dec94	0.277 16.75
9.9 Jan95	0.45 26.375 6.82	3	9.9 Jan95	0.26 18.875 5.51	6	11.7 Jan95	0.277 17.25
9.9 Feb95	0.45 26.25 6.86	3	10.0 Feb95	0.26 19.75 5.27	5.5	10.9 Feb95	0.277 19.063
10.0 Mar95	0.45 25 7.20	3	10.3 Mar95	0.275 20.375 5.40	5.5	11.0 Mar95	0.277 20.188
10.3 Apr95	0.45 25.25 7.13	3	10.2 Apr95	0.275 20.375 5.40	6	11.6 Apr95	0.28 19.5
10.6 May95	0.45 26.75 6.73	3	9.8 May95	0.275 20.375 5.40	6	11.6 May95	0.28 19.375
10.3 Jun95	0.45 25.875 6.96	3	10.1 Jun95	0.275 20.75 5.30	6	11.5 Jun95	0.28 18.875
9.9 Jul95	0.45 26.25 6.86	3	10.0 Jul95	0.275 19.875 5.53	6	11.7 Jul95	0.28 18.25
10.0 Aug95	0.45 27.25 6.61	3	9.7 Aug95	0.275 20.375 5.40	6	11.6 Aug95	0.28 19.125
10.3 Sep95	0.45 27.5 6.55	3	9.6 Sep95	0.275 20 5.50	6	11.7 Sep95	0.28 19.875
10.3 Oct95	0.45 28.75 6.26	3	9.4 Oct95	0.275 22 5.00	6	11.2 Oct95	0.28 19.125
10.0 Nov95	0.45 30.5 5.90	3	9.0 Nov95	0.275 23.5 4.68	7	11.8 Nov95	0.28 20.875
10.1 Dec95	0.45 31.75 5.67	3	8.8 Dec95	0.275 23.25 4.73	7	11.9 Dec95	0.28 20.5
10.0 Jan96	0.45 32.625 5.52	3	8.6 Jan96	0.275 23.375 4.71	7	11.9 Jan96	0.28 21.875
10.1 Feb96	0.45 31 5.81	3	8.9 Feb96	0.275 22.5 4.89	7	12.1 Feb96	0.28 21.875
10.3 Mar96	0.46 32.375 5.68	3	8.8 Mar96	0.29 22.25 5.21	7	12.4 Mar96	0.28 21.875
10.2 Apr96	0.46 31.5 5.84	3.5	9.4 Apr96	0.29 21.625 5.36	6.9	12.4 Apr96	0.285 21
9.9 May96	0.46 32 5.75	4	9.9 May96	0.29 21.625 5.36	6.9	12.4 May96	0.285 20.75
9.8 Jun96	0.46 33.5 5.49	4	9.6 Jun96	0.29 23.125 5.02	7	12.2 Jun96	0.285 22
9.8 Jul96	0.46 31.125 5.91	4	10.0 Jul96	0.29 23.625 4.91	7	12.1 Jul96	0.285 20.75
9.7 Aug96	0.46 34 5.41	4	9.5 Aug96	0.29 24.75 4.69	7	11.9 Aug96	0.285 21.875
10.3 Sep96	0.46 34 5.41	4	9.5 Sep96	0.29 24.125 4.81	7	12.0 Sep96	0.285 22
9.8 Oct96	0.46 35.25 5.22	4	9.3 Oct96	0.29 24.5 4.73	7	11.9 Oct96	0.285 22.375
9.9 Nov96	0.46 36.25 5.08	4	9.2 Nov96	0.29 25.125 4.62	7	11.8 Nov96	0.285 23.875
10.1 Dec96	0.46 33.875 5.43	4	9.5 Dec96	0.29 23.375 4.96	7	12.1 Dec96	0.285 22.625
9.9 Jan97	0.46 33.25 5.53	4	9.6 Jan97	0.29 24.125 4.81	7	12.0 Jan97	0.285 22.125
9.3 Feb97	0.46 33.875 5.43	3	8.5 Feb97	0.29 23.625 4.91	7	12.1 Feb97	0.285 22.125
9.2 Mar97	0.47 33.125 5.68	3	8.8 Mar97	0.305 23 5.30	6	11.5 Mar97	0.285 22.5
9.3 Apr97	0.47 33.75 5.57	3	8.7 Apr97	0.305 23.5 5.19	5	10.3 Apr97	0.295 22.75
10.4 May97	0.47 35.5 5.30	3.5	8.9 May97	0.305 24.375 5.01	5	10.1 May97	0.295 24.625
9.7 Jun97	0.47 37.437 5.02	3.5	8.6 Jun97	0.305 25.687 4.75	5	9.9 Jun97	0.295 25.125
9.8 Jul97	0.47 38.375 4.90	3.5	8.5 Jul97	0.305 25 4.88	5	10.0 Jul97	0.295 25.812
10.0 Aug97	0.47 37.687 4.99	3.5	8.6 Aug97	0.305 26.437 4.61	5	9.7 Aug97	0.295 25.437
9.8 Sep97	0.47 37.687 4.99	3.5	8.6 Sep97	0.305 29.125 4.19	5	9.3 Sep97	0.295 25.625
10.1 Oct97	0.47 35.75 5.26	3.5	8.9 Oct97	0.305 28 4.36	5	9.5 Oct97	0.295 25.687
9.5 Nov97	0.47 36.625 5.13	4	9.2 Nov97	0.305 32.687 3.73	5	8.8 Nov97	0.295 26.812
9.0 Dec97	0.47 39.375 4.77	4	8.9 Dec97	0.305 35.937 3.39	6.5	10.0 Dec97	0.295 30.937
9.7 Jan98	0.47 37.75 4.98	4	9.1 Jan98	0.305 30.312 4.02	6.5	10.7 Jan98	0.295 26.5
9.5 Feb98	0.47 36.125 5.20	3.5	8.8 Feb98	0.305 31 3.94	8	12.1 Feb98	0.295 26.937
9.5 Mar98	0.48 36.375 5.28	3.5	8.9 Mar98	0.325 34.75 3.74	8	11.9 Mar98	0.295 27.375
9.7 Apr98	0.48 36.25 5.30	3.5	8.9 Apr98	0.325 34.063 3.82	8	12.0 Apr98	0.3 27.188
9.5 May98	0.48 36.875 5.21	3.5	8.8 May98	0.325 31.688 4.10	8	12.3 May98	0.3 26.063
9.5 Jun98	0.48 38.625 4.97	4	9.1 Jun98	0.325 33.625 3.87	8	12.0 Jun98	0.3 26.75
9.8 Jul98	0.48 35 5.49	4	9.6 Jul98	0.325 29.125 4.46	8	12.6 Jul98	0.3 23.75
10.1 Aug98	0.48 33.125 5.80	4	9.9 Aug98	0.325 28.188 4.61	8	12.8 Aug98	0.3 23.75
9.5 Sep98	0.48 36 5.33	4	9.4 Sep98	0.325 33.875 3.84	8	12.0 Sep98	0.3 27.688
9.5 Oct98	0.48 36.875 5.21	3.75	9.1 Oct98	0.325 34.75 3.74	8	11.9 Oct98	0.3 26.438
9.4 Nov98	0.48 37.688 5.09	3.75	8.9 Nov98	0.325 35 3.71	6.5	10.3 Nov98	0.3 25.5
9.8 Dec98	0.48 39.875 4.82	4.00	8.9 Dec98	0.325 36 3.61	6.50	10.2 Dec98	0.3 27

PEOPLES ENERGY CORP

TICKER: PGL

SIC: 4924

Ticker Syr PGL

PIEDMONT NATURAL GAS CO

TICKER: PNY

SIC: 4924

Ticker Syr PNY

WASHINGTON GAS LIGHT CC

TICKER: WGL

SIC: 4924

Ticker Syr WGL

DCF		Div per Sh	Price-Clos	DY	Growth	DCF		Div per Sh	Price-Clos	DY	Growth	DCF		Div per Sh	Price-Clos	DY
10.3	Jan99	0.48	34.313	5.60	4.00	9.7	Jan99	0.325	30.875	4.21	6.50	10.8	Jan99	0.3		24
10.6	Feb99	0.48	33.938	5.66	4.00	9.8	Feb99	0.325	32.125	4.05	6.50	10.7	Feb99	0.3	23.938	
10.9	Mar99	0.49	32.312	6.07	4.00	10.2	Mar99	0.345	33	4.18	6.00	10.3	Mar99	0.3	22.625	
10.5	Apr99	0.49	37.375	5.24	4.00	9.3	Apr99	0.345	31.875	4.33	6.00	10.5	Apr99	0.305	23.562	
10.2	May99	0.49	38.5	5.09	4.00	9.2	May99	0.345	33.812	4.08	6.00	10.2	May99	0.305	24.438	
10.2	Jun99	0.49	37.688	5.20	4.00	9.3	Jun99	0.345	31.125	4.43	6.00	10.6	Jun99	0.305	26	
9.7	Jul-99	0.49	36.812	5.32	4.00	9.4	Jul-99	0.345	34.062	4.05	6.00	10.2	Jul-99	0.305	27.875	
10.0	Aug-99	0.49	36.438	5.38	4.00	9.5	Aug-99	0.345	33.562	4.11	6.00	10.2	Aug-99	0.305	26.688	
9.8	Sep-99	0.49	35.188	5.57	4.00	9.7	Sep-99	0.345	30.312	4.55	6.00	10.7	Sep-99	0.305	27.125	
10.2	Oct-99	0.49	35.125	5.58	3.75	9.4	Oct-99	0.345	30	4.60	6.00	10.7	Oct-99	0.305	26.5	
10.1	Nov-99	0.49	34.75	5.64	4.50	10.3	Nov-99	0.345	30.188	4.57	6.00	10.7	Nov-99	0.305	26	
9.7	Dec-99	0.49	33.313	5.88	4.50	10.5	Dec-99	0.345	30.125	4.58	6.00	10.7	Dec-99	0.305	27.5	
10.4	Jan-00	0.49	30.125	6.51	4.5000	11.2	Jan-00	0.345	27.75	4.97	6.0000	11.1	Jan-00	0.305	24.438	
10.5	Feb-00	0.49	28.938	6.77	4.5000	11.4	Feb-00	0.345	24.75	5.58	6.0000	11.7	Feb-00	0.305	23.875	
10.5	Mar-00	0.5	27.438	7.29	4.5000	12.0	Mar-00	0.365	26.062	5.60	6.0000	11.8	Mar-00	0.305	27.188	
9.2	Apr-00	0.5	31.062	6.44	4.5000	11.1	Apr-00	0.365	28.25	5.17	6.0000	11.3	Apr-00	0.31	25.625	
9.2	May-00	0.5	32.312	6.19	4.5000	10.8	May-00	0.365	28.312	5.16	5.5000	10.8	May-00	0.31	25.688	
9.7	Jun-00	0.5	32.375	6.18	4.5000	10.8	Jun-00	0.365	26.562	5.50	5.5000	11.1	Jun-00	0.31	24.062	
9.5	Jul-00	0.5	31.688	6.31	5	11.5	Jul-00	0.365	28.375	5.15	5.5	10.8	Jul-00	0.31	24.625	
10.5	Aug-00	0.5	32.5	6.15	6	12.3	Aug-00	0.365	27.688	5.27	5.5	10.9	Aug-00	0.31	25.312	
10.6	Sep-00	0.5	33.375	5.99	6	12.2	Sep-00	0.365	30.625	4.77	5.5	10.4	Sep-00	0.31	26.875	
10.4	Oct-00	0.5	34.375	5.82	6	12.0	Oct-00	0.365	30.5	4.79	5.5	10.4	Oct-00	0.31	25.5	
10.3	Nov-00	0.5	41.125	4.86	6	11.0	Nov-00	0.365	33.062	4.42	5.5	10.0	Nov-00	0.31	27.688	
9.8	Dec-00	0.5	44.75	4.47	6	10.6	Dec-00	0.365	38.188	3.82	5.5	9.4	Dec-00	0.31	30.438	
10.3	Jan-01	0.5	36.74	5.44	6	11.6	Jan-01	0.365	33.51	4.36	5	9.5	Jan-01	0.31	27.8	
10.2	Feb-01	0.5	39.15	5.11	6	11.3	Feb-01	0.365	32.07	4.55	5	9.7	Feb-01	0.31	27.38	
10.3	Mar-01	0.51	38.87	5.25	6	11.4	Mar-01	0.385	35.5	4.34	5	9.4	Mar-01	0.31	27.65	
10.7	Apr-01	0.51	39.75	5.13	6	11.3	Apr-01	0.385	35.55	4.33	5	9.4	Apr-01	0.315	28.6	
9.8	May-01	0.51	39.39	5.18	6	11.3	May-01	0.385	35.49	4.34	5	9.4	May-01	0.315	27.99	
9.7	Jun-01	0.51	40.2	5.07	6	11.2	Jun-01	0.385	35.52	4.34	5	9.4	Jun-01	0.315	27.11	
9.4	Jul-01	0.51	35.89	5.68	6	11.9	Jul-01	0.385	33.75	4.56	6	10.7	Jul-01	0.315	26.65	
9.7	Aug-01	0.51	38.19	5.34	6	11.5	Aug-01	0.385	33.2	4.64	7	11.8	Aug-01	0.315	27.33	
10.5	Sep-01	0.51	38.46	5.30	6	11.5	Sep-01	0.385	31.85	4.84	5	10.0	Sep-01	0.315	26.53	
10.3	Oct-01	0.51	41.26	4.94	6	11.1	Oct-01	0.385	31.1	4.95	5	10.1	Oct-01	0.315	27.75	
9.5	Nov-01	0.51	38.42	5.31	6	11.5	Nov-01	0.385	33.6	4.58	5	9.7	Nov-01	0.315	27.72	
9.2	Dec-01	0.51	38.18	5.34	6	11.5	Dec-01	0.385	35.35	4.36	5	9.5	Dec-01	0.315	28.95	
9.5	Jan-02	0.51	36.96	5.52	5	10.7	Jan-02	0.385	33.71	4.57	5	9.7	Jan-02	0.315	26.27	
9.5	Feb-02	0.51	37.15	5.49	6	11.7	Feb-02	0.385	32.01	4.81	5	9.9	Feb-02	0.315	26.7	
9.2	Mar-02	0.52	39.38	5.28	6	11.4	Mar-02	0.4	35.6	4.49	4.5	9.1	Mar-02	0.315	26.86	
9.1	Apr-02	0.52	39	5.33	6	11.5	Apr-02	0.4	37.25	4.30	4.5	8.9	Apr-02	0.318	27.1	
9.0	May-02	0.52	39.38	5.28	6	11.4	May-02	0.4	35.9	4.46	4.5	9.1	May-02	0.318	26.63	
9.1	Jun-02	0.52	36.46	5.70	6	11.9	Jun-02	0.4	36.98	4.33	4.5	8.9	Jun-02	0.318	25.9	

			US LONG TREASURY	SAMPLE AVERAGE DCF	Moody's A rated
DY	Growth	DCF			
5.70	5	10.8	6.600	12.04	8.27
5.36	5	10.5	6.260	11.49	8.04
4.81	5	9.9	5.980	11.27	7.90
5.03	5	10.2	5.970	11.48	7.81
5.09	4.5	9.7	6.040	11.26	7.86
4.97	4.5	9.6	5.960	11.32	7.75
4.95	5	10.1	5.810	11.52	7.54
5.15	5	10.3	5.680	10.96	7.25
4.80	5	9.9	5.360	11.02	7.04
5.08	5	10.2	5.330	11.16	7.03
5.32	4.5	9.9	5.720	11.29	7.30
5.28	3.5	8.9	5.770	10.91	7.34
5.24	3.5	8.8	5.750	10.78	7.33
5.42	4	9.5	5.970	10.40	7.42
5.51	4	9.6	6.480	10.94	7.85
5.74	4	9.9	6.970	10.43	8.22
5.83	4	9.9	7.180	11.41	8.33
5.87	4.5	10.5	7.100	11.79	8.31
5.83	4.5	10.5	7.300	11.46	8.47
5.83	4	9.9	7.240	11.31	8.41
6.18	4	10.3	7.460	11.30	8.64
6.18	4	10.3	7.740	11.14	8.86
6.64	4	10.8	7.960	11.33	8.98
6.61	4	10.7	7.810	11.29	8.76
6.42	4	10.6	7.780	11.08	8.73
5.81	4	9.9	7.470	10.61	8.52
5.49	4	9.6	7.200	10.66	8.37
5.74	4	9.9	7.060	10.80	8.27
5.78	4	9.9	6.630	10.84	7.91
5.93	4	10.1	6.170	10.78	7.60
6.14	3	9.2	6.280	10.52	7.70
5.86	3	8.9	6.490	10.42	7.83
5.64	3	8.7	6.200	10.34	7.62
5.86	3	8.9	6.040	10.33	7.46
5.37	3	8.4	5.930	10.30	7.43
5.46	3	8.5	5.710	10.12	7.23
5.12	3.5	8.7	5.650	10.25	7.22
5.12	3.5	8.7	5.810	10.25	7.37
5.12	3.5	8.7	6.270	10.05	7.73
5.43	3.5	9.0	6.510	10.12	7.89
5.49	4	9.6	6.740	10.42	7.98
5.18	4	9.3	6.910	10.10	8.06
5.49	4	9.6	6.870	10.43	8.02
5.21	4	9.3	6.640	10.13	7.84
5.18	4	9.3	6.830	10.20	8.01
5.09	4	9.2	6.530	10.06	7.77
4.77	4	8.9	6.200	9.91	7.49
5.04	4	9.1	6.300	10.14	7.59
5.15	4	9.3	6.620	10.13	7.77
5.15	4	9.3	6.500	9.97	7.64
5.07	4	9.2	6.790	10.02	7.87
5.19	4	9.3	6.760	9.89	8.03
4.79	4	8.9	6.750	9.92	7.89
4.70	4	8.8	6.420	9.77	7.72
4.57	4	8.7	6.110	9.74	7.48
4.64	4	8.7	6.360	9.83	7.51
4.60	4	8.7	6.060	9.73	7.47
4.59	4	8.7	5.900	9.82	7.35
4.40	4	8.5	5.860	9.68	7.25
3.81	5	8.9	5.750	9.56	7.16
4.45	5	9.6	5.630	9.94	7.04
4.38	5	9.5	5.630	10.19	7.12
4.31	5	9.4	5.630	10.04	7.16
4.41	5	9.5	5.750	10.14	7.16
4.60	5	9.7	5.560	10.22	7.16
4.49	4.75	9.3	5.440	10.15	7.03
5.05	5	10.2	5.500	10.61	7.03
5.05	5	10.2	5.200	10.69	7.00
4.33	5	9.4	4.670	10.24	6.93
4.54	5	9.7	4.630	10.11	6.96
4.71	5	9.8	4.830	9.74	7.03
4.44	5.00	9.6	4.700	9.79	6.91

) US LONG SAMPLE Moody's A rated
 TREASURY AVERAGE
 DCF

DY	Growth	DCF			
5.00	5.00	10.1	4.670	10.32	6.97
5.01	5.00	10.1	5.180	10.56	7.09
5.30	5.00	10.4	5.240	10.73	7.26
5.18	5.00	10.3	5.260	10.32	7.22
4.99	5.00	10.1	5.560	10.13	7.47
4.69	5.00	9.8	5.870	10.16	7.74
4.38	5.00	9.5	5.860	9.96	7.71
4.57	5.00	9.7	5.970	10.06	7.91
4.50	5.00	9.6	5.920	10.15	7.93
4.60	5.00	9.7	6.160	10.31	8.06
4.69	5.00	9.8	6.200	10.42	7.94
4.44	4.75	9.3	6.430	10.42	8.14
4.99	4.7500	9.9	6.680	10.90	8.35
5.11	4.7500	10.0	6.380	11.08	8.25
4.49	4.7500	9.3	6.130	11.01	8.28
4.84	4.7500	9.7	6.150	10.80	8.29
4.83	4.5000	9.4	6.420	10.44	8.70
5.15	4.7500	10.0	6.080	10.84	8.36
5.04	4.75	9.9	6.04	10.61	8.25
4.90	4.75	9.8	5.75	10.84	8.13
4.61	4.75	9.5	5.82	10.72	8.23
4.86	4.75	9.7	5.74	10.65	8.14
4.48	4.5	9.1	5.48	10.19	8.11
4.07	4.5	8.7	5.12	9.84	7.84
4.46	4.5	9.1	5.19	10.33	7.80
4.53	4.5	9.1	4.9	10.29	7.74
4.48	4.5	9.1	4.97	10.26	7.68
4.41	4.5	9.0	5.34	10.27	7.94
4.50	4.5	9.1	5.41	10.13	7.99
4.65	4.5	9.3	5.42	10.15	7.85
4.73	4.8	9.6	5.07	10.67	7.68
4.61	4.5	9.2	4.84	10.60	7.47
4.75	4.5	9.4	4.59	10.42	7.76
4.54	4.5	9.1	4.25	10.09	7.36
4.55	4.5	9.1	4.78	10.05	7.71
4.35	4	8.4	5.07	9.82	7.75
4.80	4	8.9	5.07	9.89	7.60
4.72	4	8.8	4.88	9.96	7.51
4.69	4	8.8	5.42	9.70	7.79
4.69	4	8.8	5.11	9.46	7.54
4.78	4	8.9	5.08	9.61	7.49
4.91	4	9.0	4.86	9.71	7.42

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0.747872267
R Square	0.559312927
Adjusted R Square	0.555378221
Standard Error	0.456975432
Observations	114

8 LDCs 1993-June 2002
RP v. 30year

ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	29.68439981	29.68439981	142.1485941	1.17728E-21
Residual	112	23.38857306	0.208826545		
Total	113	53.07297286			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	8.952821684	0.3803241	23.53997996	3.56821E-45	8.199258699	9.706384668	8.199258699	9.706384668
Long Treasury	-0.71466534	0.059942029	-11.9226085	1.17728E-21	-0.83343272	-0.59589797	-0.83343272	-0.59589797

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0.772218171
R Square	0.596320904
Adjusted R Square	0.589047407
Standard Error	0.439332517
Observations	114

8 LDC DCF RP
93-2002 June
RP v 30 Year Treasury & A Rated

ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	2	31.64852316	15.82426158	81.98544466	1.36462E-22
Residual	111	21.4244497	0.19301306		
Total	113	53.07297286			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	7.143101427	0.674932298	10.58343399	1.61298E-18	5.805678445	8.480524409	5.805678445	8.480524409
Long Treasury	-0.519440978	0.086369986	-5.898356592	4.03979E-08	-0.680588818	-0.338293139	-0.680588818	-0.338293139
A Rated Moodys v 30year RP	0.35715567	0.111960935	3.190002557	0.001849809	0.135297673	0.579013667	0.135297673	0.579013667