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Final Data Processing Project

Part I

1. **From the file annualreports.sas7bdat: Convert the fiscal year variable to date only. Eliminate financial reports after fiscal year 2013.**

   CODE:

```
libname stocks "C:\Users\sgupt36\Desktop\New folder";
proc contents data=stocks.annualreports varnum;
run;
proc freq data=stocks.annualreports;
table IndFinancialYearEnd;
run;
data work.annualreports;
set stocks.annualreports;
FiscalYearDate=datepart(IndFinancialYearEnd);
FiscalYear=Year(FiscalYearDate);
        run;
```

The FREQ Procedure

FiscalYear	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1991	1	0.00	1	0.00
1992	3	0.01	4	0.01
1993	1003	1.95	1007	1.95
1994	1269	2.46	2276	4.42
1995	1396	2.71	3672	7.13
1996	1528	2.97	5200	10.09
1997	1658	3.22	6858	13.31
1998	1797	3.49	8655	16.80
1999	2010	3.90	10665	20.70
2000	2114	4.10	12779	24.80
2001	2234	4.34	15013	29.14
2002	2355	4.57	17368	33.71
2003	2481	4.81	19849	38.52
2004	2699	5.24	22548	43.76
2005	2825	5.48	25373	49.24
2006	2870	5.57	28243	54.81
2007	2912	5.65	31155	60.46
2008	3034	5.89	34189	66.35
2009	3147	6.11	37336	72.46
2010	3283	6.37	40619	78.83
2011	3362	6.52	43981	85.36
2012	3456	6.71	47437	92.06
2013	3505	6.80	50942	98.86
2014	585	1.14	51527	100.00

2. **Find your Sector and Industry in the spreadsheet list on Blackboard.**

```
sector="Public Utilitie" and Industry="Power Generation"
```

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3. Using the file AnnualReports, create a file that contains only the records in your Sector and Industry. The remainder of the assignment refers to the companies in your sector and industry.

Code:

```
data MyCompanies;
set work.no2014;
if sector="Public Utilitie" and Industry="Power Generation";
run;
proc freq data=Mycompanies order=freq;
title "Number of annual reports recorded by Name";
tables name;
run;
title;
proc sort nodupkey data=MyCompanies;
by name fiscalyear;
        run;
```

Number of annual reports recorded by Name

The FREQ Procedure

Name	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Scana Corporation	25	6.23	25	6.23
Allete, Inc.	21	5.24	46	11.47
Alliant Energy Corporation	21	5.24	67	16.71
Avista Corporation	21	5.24	88	21.95
CMS Energy Corporation	21	5.24	109	27.18
Consolidated Edison Inc	21	5.24	130	32.42
Duke Energy Corporation	21	5.24	151	37.66
Exelon Corporation	21	5.24	172	42.89
Integrys Energy Group	21	5.24	193	48.13
NiSource, Inc	21	5.24	214	53.37
NorthWestern Corporation	21	5.24	235	58.60
PEPCO Holdings, Inc.	21	5.24	256	63.84
Pacific Gas & Electric Co.	21	5.24	277	69.08
Public Service Enterprise Gr	21	5.24	298	74.31
UNITIL Corporation	21	5.24	319	79.55
Westar Energy, Inc.	21	5.24	340	84.79
Wisconsin Energy Corporation	21	5.24	361	90.02
Xcel Energy Inc.	21	5.24	382	95.26
Ameren Corporation	17	4.24	399	99.50
Genie Energy Ltd.	2	0.50	401	100.00

4. Remove duplicates of Name within the same fiscal year using proc sort nodupkey.

Code:

```
proc sort nodupkey data=MyCompanies;
by symbol;
        run;
```

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The FREQ Procedure

Symbol	NameCompressed	Frequency	Percent	Cumulative Frequency	Cumulative Percent
ALE	AlleteInc	21	5.29	21	5.29
AVA	AvistaCorporation	21	5.29	42	10.58
CMS	CMSEnergyCorporation	21	5.29	63	15.87
DUK	DukeEnergyCorporation	21	5.29	84	21.16
ED	ConsolidatedEdisonInc	21	5.29	105	26.45
EXC	ExelonCorporation	21	5.29	126	31.74
LNT	AlliantEnergyCorporation	21	5.29	147	37.03
NI	NiSourceInc	21	5.29	168	42.32
NWE	NorthWesternCorporation	21	5.29	189	47.61
PCG	PacificGas&ElectricCo	21	5.29	210	52.90
PEG	PublicServiceEnterpriseGr	21	5.29	231	58.19
POM	PEPCOHoldingsInc	21	5.29	252	63.48
SCG	ScanaCorporation	21	5.29	273	68.77
TEG	IntegrysEnergyGroup	21	5.29	294	74.06
UTL	UNITILCorporation	21	5.29	315	79.35
WEC	WisconsinEnergyCorporation	21	5.29	336	84.63
WR	WestarEnergyInc	21	5.29	357	89.92
XEL	XcelEnergyInc	21	5.29	378	95.21
AEE	AmerenCorporation	17	4.28	395	99.50
GNE	GenieEnergyLtd	2	0.50	397	100.00

5. **Use proc freq to determine the four companies in your industry with the largest number of rows in the file from step 3.**

Code:

```
proc freq data=MyCompanies order=freq;
tables NameCompressed/list out=CompanyCounts;
title "Count of Symbol by Name";
run;
title1;
proc sort data=CompanyCounts;
by descending Count Symbol;
run;
data FourCompanies;
set CompanyCounts(obs=4);
run;
```

	Symbol	NameCompressed	Frequency Count	Percent of Total Frequency
1	ALE	AlleteInc	21	5.2896725441
2	AVA	AvistaCorporation	21	5.2896725441
3	CMS	CMSEnergyCorporation	21	5.2896725441
4	DUK	DukeEnergyCorporation	21	5.2896725441

6. Write programming to create flag variables to indicate whether the record is a member of each of the top four companies in your sector & industry (do not use %CatToBinWithDrop). Name each flag variable as the name of the company. Execute proc freq as demonstrated in the instruction video to show that this programming worked correctly.
    a. Use compress() to remove any spaces or additional nuisance characters (parentheses, periods, commas, etc.) in the company name in order to create a workable SAS variable. Do not use underscores or any other character to differentiate the words in the industry name. So, for example, if one of your companies is “Daily Journal Corp. (S.C.)” then the flag variable would be named DailyJournalCorpSC. All records with the name Daily Journal Corp. (S.C.) would have a 1 for DailyJournalCorpSC and all other records would have a zero.

```
data WithBinaries;
set mycompanies;
if namecompressed ="AlleteInc" then AlleteInc=1;
                              else AlleteInc=0;
if namecompressed ="AlliantEnergyCorporation" then
```

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```
AllliantEnergyCorporation=1;
                              else AlliantEnergyCorporation=0;
if namecompressed ="AvistaCorporation" then AvistaCorporation=1;
                              else AvistaCorporation=0;
if namecompressed ="DukeEnergyCorporation" then DukeEnergyCorporation=1
```

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```
else DukeEnergyCorporation=0;
run;
proc freq data=withbinaries order=freq;
tables
name*AlleteInc*AlliantEnergyCorporation*AvistaCorporation*DukeEnergyCorporatio
n/  list nopercent nocum missing missprint;
        run;
```

The FREQ Procedure

Name	AlleteInc	AlliantEnergyCorporation	AvistaCorporation	DukeEnergyCorporation	Frequency
Allete, Inc.	1	0	0	0	21
Alliant Energy Corporation	0	1	0	0	21
Avista Corporation	0	0	1	0	21
CMS Energy Corporation	0	0	0	0	21
Consolidated Edison Inc	0	0	0	0	21
Duke Energy Corporation	0	0	0	1	21
Exelon Corporation	0	0	0	0	21
Integrys Energy Group	0	0	0	0	21
NiSource, Inc	0	0	0	0	21
NorthWestern Corporation	0	0	0	0	21
PEPCO Holdings, Inc.	0	0	0	0	21
Pacific Gas & Electric Co.	0	0	0	0	21
Public Service Enterprise Gr	0	0	0	0	21
Scana Corporation	0	0	0	0	21
UNITIL Corporation	0	0	0	0	21
Westar Energy, Inc.	0	0	0	0	21
Wisconsin Energy Corporation	0	0	0	0	21
Xcel Energy Inc.	0	0	0	0	21
Ameren Corporation	0	0	0	0	17
Genie Energy Ltd.	0	0	0	0	2

7.

Use the four companies with the largest number of records in your sector and industry to execute an analysis of variance for the metric listed in the assignment spreadsheet. If there is a tie for the companies with the largest number of records then break the tie based on alphabetical order. Use the ticker symbol for the company as the independent variable. Execute a difference of means test (as was done in the homework) to see which means (if any) differ from the others.

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```
data ForAnova;
set withbinaries;
if AlleteInc=1 or AlliantEnergyCorporation=1 or AvistaCorporation=1 or
DukeEnergyCorporation=1;
run;
data Convertmetric;
set Foranova;
NetPMtoInd=input(NetProfitMarginToIndustry,8.);
run;
proc means data=Convertmetric ;
class symbol;
var NetPMtoInd;
run;
proc anova data=Convertmetric;
class symbol;
model NetPMtoInd=symbol;
means symbol/snk;
run;
          quit;
```

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The MEANS Procedure

Analysis Variable : NetPMtoInd						
Symbol	N Obs	N	Mean	Std Dev	Minimum	Maximum
ALE	21	20	121.2850000	216.0838416	-650.0000000	509.1000000
AVA	21	20	51.8550000	88.6056579	-257.1000000	188.9000000
DUK	21	20	-218.2700000	1505.44	-6600.00	337.0000000
LNT	21	20	124.3500000	187.2876945	-292.9000000	722.7000000

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The ANOVA Procedure

Class Level Information		
Class	Levels	Values
Symbol	4	ALE AVA DUK LNT

Number of Observations Read	84
Number of Observations Used	80

The ANOVA Procedure

Dependent Variable: NetPMtoInd

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	1578695.11	526231.70	0.89	0.4486
Error	76	44763266.93	588990.35		
Corrected Total	79	46341962.04			

R-Square	Coeff Var	Root MSE	NetPMtoInd Mean
0.034066	3875.067	767.4571	19.80500

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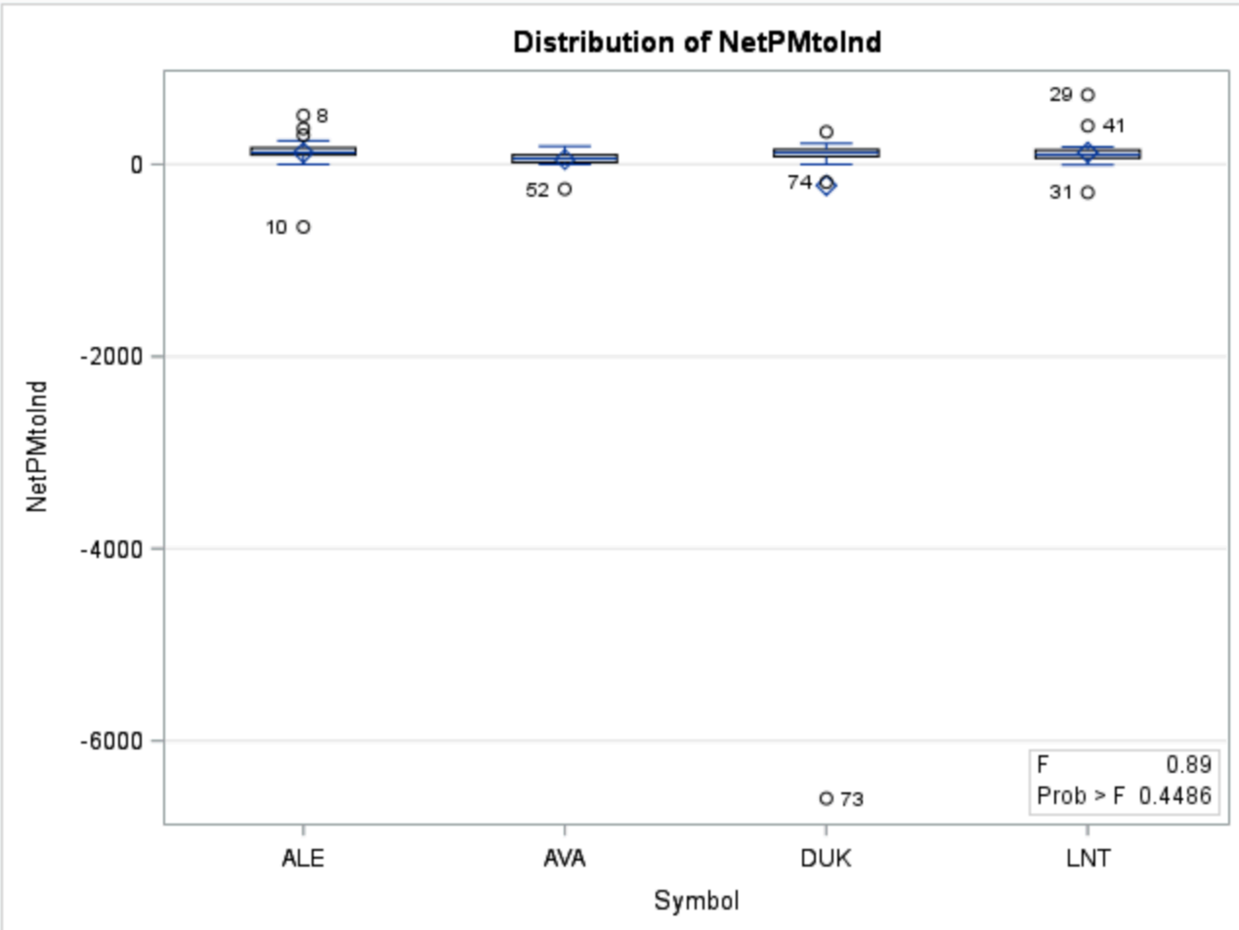
Source	DF	Anova SS	Mean Square	F Value	Pr > F
Symbol	3	1578695.111	526231.704	0.89	0.4486



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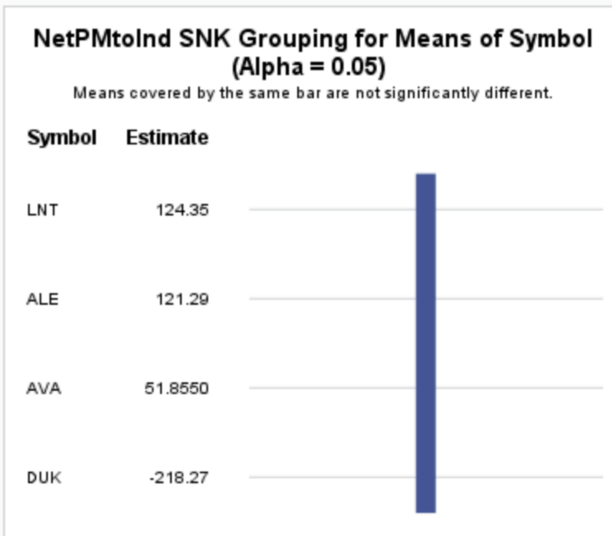
The ANOVA Procedure

Student-Newman-Keuls Test for NetPMtoInd

Note: This test controls the Type I experimentwise error rate under the complete null hypothesis but not under partial null hypotheses.

Alpha	0.05
Error Degrees of Freedom	76
Error Mean Square	588990.4

Number of Means	2	3	4
Critical Range	483.36152	580.14847	637.50061



8. Match the companies in your sector and industry (NOT just your top 4) to the options file using the ticker symbol. For the time period range listed for you in the spreadsheet for the expiration date of the options, how many different options traded for your companies? Use proc freq to produce a count report for the number of options for each of the companies. What was the average strike price of all the Puts, and separately all the Calls for your companies for these options. If a company did not have options then report its number of puts and calls as zero and the average price of each as blank.

Code:

```
data work.OptionsFile;
set stocks.OptionsFile (rename=(underlying=symbol));
if "01Apr2014"d<=expdate<="31Jan2016"d;
run;

proc sort data = OptionsFile;
by symbol expdate strike;
run;
data MyOptions;
merge MyCompanies(in=OnCompanies keep=symbol)
      work.OptionsFile(in=OnOptions)
        ;
by symbol;
if OnCompanies and OnOptions;
run;
```

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```
proc freq data=MyOptions;
table symbol;
run;
```

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The FREQ Procedure

Symbol	Frequency	Percent	Cumulative Frequency	Cumulative Percent
AEE	4	1.51	4	1.51
ALE	5	1.89	9	3.40
AVA	2	0.75	11	4.15
CMS	2	0.75	13	4.91
DUK	68	25.66	81	30.57
ED	46	17.36	127	47.92
EXC	82	30.94	209	78.87
GNE	1	0.38	210	79.25
LNT	3	1.13	213	80.38
NI	14	5.28	227	85.66
NWE	1	0.38	228	86.04
PCG	7	2.64	235	88.68
PEG	2	0.75	237	89.43
POM	6	2.26	243	91.70
SCG	6	2.26	249	93.96
TEG	7	2.64	256	96.60
WEC	4	1.51	260	98.11
WR	2	0.75	262	98.87
XEL	3	1.13	265	100.00

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	Symbol	type	_TYPE_	_FREQ_	strike
1	AEE	C	3	2	37.5
2	AEE	P	3	2	32.5
3	ALE	C	3	2	52.5
4	ALE	P	3	3	45
5	AVA	C	3	1	30
6	AVA	P	3	1	25
7	CMS	C	3	1	30
8	CMS	P	3	1	30
9	DUK	C	3	33	68.181818182
10	DUK	P	3	35	62.357142857
11	ED	C	3	20	58.875
12	ED	P	3	26	51.346153846
13	EXC	C	3	40	31.9
14	EXC	P	3	42	30.904761905
15	GNE	C	3	1	12.5
16	LNT	C	3	2	52.5
17	LNT	P	3	1	45
18	NI	C	3	9	31
19	NI	P	3	5	28
20	NWE	C	3	1	50
21	PCG	C	3	3	45
22	PCG	P	3	4	35.625
23	PEG	C	3	1	35
24	PEG	P	3	1	30
25	POM	C	3	3	20
26	POM	P	3	3	17.5
27	SCG	C	3	3	40
28	SCG	P	3	3	36.666666667
29	TEG	C	3	3	60
30	TEG	P	3	4	52.5
31	WEC	C	3	2	42.5
32	WEC	P	3	2	37.5
33	WR	C	3	1	35
34	WR	P	3	1	30
35	XEL	C	3	2	27.5
36	XEL	P	3	1	30

9. Determine the dividend yield for your companies as of the date listed for you in the assignment spreadsheet. Pretend that you bought shares in each of these companies on the first trading date of the year listed for you in the spreadsheet. Determine how much was paid in dividends per share for

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the next number of years as listed for you in the assignment spreadsheet. Total up the amount of the dividends and divide by the share price for each company and calculate the dividend yield (total dividends paid divided by share price). If a company did not pay dividends then their dividend amounts and yield will be zero.

Code:

```
data work.prices;
set stocks.pricesrevised;
year=year(date);
run;

proc means data=work.prices n nmiss min;
class year;
var date;
run;

proc means data=work.prices nway;
class year;
var date;
output out= FirstTradingDayPerYear min=;
run;
proc print data=FirstTradingDayPerYear;
         run;

data MyFirstTradingDay;
set stocks.pricesrevised;
if date="03Jan2012"d;
run;
proc sort data= MyFirstTradingDay;
by tic;
run;
```

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```
data MyPriceFirstTradingDay;
merge MyCompanies(in=OnCompanies keep=symbol)
      MyFirstTradingDay (in=OnPrices rename=(tic=symbol))
        ;
by symbol;
if OnCompanies and OnPrices;
run;
```

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The MEANS Procedure

Analysis Variable : date				
year	N Obs	N	N Miss	Minimum
1990	236427	236427	0	10959.00
1991	265352	265352	0	11324.00
1992	324379	324379	0	11689.00
1993	368578	368578	0	12057.00
1994	413628	413628	0	12421.00
1995	461929	461929	0	12786.00
1996	521295	521295	0	13150.00
1997	567305	567305	0	13516.00
1998	607120	607120	0	13881.00
1999	658318	658318	0	14248.00
2000	709691	709691	0	14612.00
2001	729225	729225	0	14977.00
2002	770016	770016	0	15342.00
2003	807331	807331	0	15707.00
2004	858335	858335	0	16072.00
2005	911405	911405	0	16439.00
2006	963640	963640	0	16804.00
2007	1030282	1030282	0	17169.00
2008	1094823	1094823	0	17533.00

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The MEANS Procedure

Analysis Variable : date						
year	N Obs	N	Mean	Std Dev	Minimum	Maximum
1990	236427	236427	11149.43	101.5883998	10959.00	11322.00
1991	265352	265352	11507.74	105.1157229	11324.00	11687.00
1992	324379	324379	11876.50	104.1837473	11689.00	12053.00
1993	368578	368578	12240.95	104.8234908	12057.00	12418.00
1994	413628	413628	12604.57	105.2044098	12421.00	12782.00
1995	461929	461929	12969.54	104.8658063	12786.00	13146.00
1996	521295	521295	13333.99	105.3522560	13150.00	13514.00
1997	567305	567305	13699.35	104.9205072	13516.00	13879.00
1998	607120	607120	14065.27	104.4563654	13881.00	14244.00
1999	658318	658318	14431.70	104.5317011	14248.00	14609.00
2000	709691	709691	14794.54	104.6670729	14612.00	14973.00
2001	729225	729225	15157.86	105.1455937	14977.00	15340.00
2002	770016	770016	15524.91	104.7003470	15342.00	15705.00
2003	807331	807331	15890.40	104.8558770	15707.00	16070.00
2004	858335	858335	16256.98	105.2327205	16072.00	16436.00
2005	911405	911405	16621.58	104.6656918	16439.00	16800.00
2006	963640	963640	16985.95	104.3181576	16804.00	17164.00
2007	1030282	1030282	17351.95	104.1816413	17169.00	17531.00
2008	1094823	1094823	17716.10	104.9833074	17533.00	17897.00

```
data work.DivFile;
set stocks.DivFile;
Where Date ge "03Jan2012"d;
rename tic=symbol;
run;
```

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```
data MyDividends;
merge MyPriceFirstTradingDay (in=OnPrice)
      DivFile                (in=OnDiv)
        ;
by    symbol;
if   OnPrice and OnDiv;
run;

proc summary data=MyDividends nway;
class symbol adjclose;
var DivAmount;
output out=Divsum sum=;
run;

data DivCalc;
format DivYield percent8.1;
set Divsum;
DivYield=DivAmount/AdjClose;
         run;
```

	DivYield	Symbol	AdjClose	_TYPE_	_FREQ_	DivAmount
1	15.3%	AEE	28.85	3	11	4.4
2	14.2%	ALE	36.67	3	11	5.21
3	14.7%	AVA	22.65	3	11	3.334
4	14.2%	CMS	19.63	3	11	2.79
5	14.8%	DUK	57.3	3	11	8.475
6	11.2%	ED	54.59	3	10	6.14
7	12.2%	EXC	36.82	3	12	4.485
8	1.7%	GNE	7.9	3	3	0.133
9	13.3%	LNT	39.19	3	11	5.21
10	12.6%	NI	21.31	3	11	2.68
11	13.0%	NWE	32.24	3	11	4.2
12	13.8%	PCG	36.37	3	11	5.005
13	14.1%	PEG	28.2	3	11	3.97
14	17.0%	POM	17.48	3	11	2.97
15	14.1%	SCG	39.59	3	11	5.584
16	15.9%	TEG	46.95	3	11	7.48
17	15.2%	UTL	25	3	11	3.795
18	10.8%	WEC	31.72	3	10	3.426
19	14.8%	WR	25.16	3	11	3.73
20	12.5%	XEL	24.56	3	11	3.08

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	Symbol	AdjClose	_TYPE_	_FREQ_	DivAmount
1	AEE	28.85	3	11	4.4
2	ALE	36.67	3	11	5.21
3	AVA	22.65	3	11	3.334
4	CMS	19.63	3	11	2.79
5	DUK	57.3	3	11	8.475
6	ED	54.59	3	10	6.14
7	EXC	36.82	3	12	4.485
8	GNE	7.9	3	3	0.133
9	LNT	39.19	3	11	5.21
10	NI	21.31	3	11	2.68
11	NWE	32.24	3	11	4.2
12	PCG	36.37	3	11	5.005
13	PEG	28.2	3	11	3.97
14	POM	17.48	3	11	2.97
15	SCG	39.59	3	11	5.584
16	TEG	46.95	3	11	7.48
17	UTL	25	3	11	3.795
18	WEC	31.72	3	10	3.426
19	WR	25.16	3	11	3.73
20	XEL	24.56	3	11	3.08

10. **Determine the minimum and maximum split amounts for your companies and the total number of splits. Match to the splits file by ticker for your companies. For the time period listed for you in the assignment spreadsheet determine the maximum and**

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minimum split amount for your companies. If a company did not have a split in the time period, then report a split amount of blank and a number of splits of zero.
Code:

```
data work.splits(drop=date rename=(splitdate=date));
set stocks.splits;
SplitDate=input(date,YYMMDD10.);
format SplitDate YYMMDD10.;
rename tic=symbol;
run;
data MySplits;
merge MyCompanies(in=OnCompanies keep=symbol)
      Splits(in=OnSplits )
        ;
by symbol;
if OnCompanies and OnSplits and date ge "02Jan1990"d;
   run;
proc means data=Mysplits max min;
class symbol;
var split;
run;
proc summary data=MySplits nway;
class symbol;
var split;
output out=SplitMinMax(drop=_type_) min=SplitMin max=SplitMax;
run;
```

The MEANS Procedure

Analysis Variable : Split			
Symbol	N Obs	Maximum	Minimum
ALE	2	3.0000000	0.5000000
AVA	1	0.5000000	0.5000000
DUK	3	3.0000000	0.5000000
EXC	1	0.5000000	0.5000000
NI	1	0.5000000	0.5000000
PEG	1	0.5000000	0.5000000
SCG	1	0.5000000	0.5000000
UTL	2	0.9009009	0.5000000
WEC	2	0.6666667	0.5000000
XEL	1	0.5000000	0.5000000

11. **Build a summary of one record per symbol summarizing the options, split and dividend information as detailed in the previous instructions and demonstrated in the webvideo.**

Code:

```
data OnePerSymbolStart;
merge MyCompanies(in=OnBase keep=symbol)
      SplitMinMax(in=OnSplits)
```

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```
        DivCalc(in=OnDiv)
        ;
by symbol;
if OnBase;
run;
option nolabel;
proc freq data=MyOptions;
table symbol /out=OptionsCount (drop=Percent rename=(count=OptionsCount));
run;
options label;
proc transpose data= OptionStrikes (drop=_type_  _freq_)

               out=OptionsTransposed Prefix=StrikePrice_;
            by symbol;id type;var strike;
run;


options nolabel;
data OnePerSymbolRound2;
merge MyCompanies (in=OnBase keep=symbol)
      SplitMinMax (in=OnSplits drop= rename=(_freq_=SplitCount))
        Divcalc     (in=OnDiv drop=_type_  _freq_ adjclose)

        OptionsCount(in=OnOptions)
        Optionstransposed (in=OptionsPrices drop=_NAME_)
        ;
by symbol;
if OnBase;
run;
options label;

data OnePerSymbolNoBlanks;
set OnePerSymbolRound2;
format StrikePrice_C StrikePrice_p 8.2;
array numbervars _numeric_;
do over numbervars;
   if numbervars=. then numbervars=0;
end;
run;
data OnePerSymbolNoBlanks;
set OnePerSymbolRound2;
format StrikePrice_C StrikePrice_p 8.2;
array BlankToZero SplitCount DivYield DivAmount OptionsCount;
do over BlankToZero;
   if BlankToZero=. then BlankToZero=0;
end;
run;
```

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	Symbol	SplitCount	SplitMin	SplitMax	DivYield	DivAmount	OptionsCount	StrikePrice_C	StrikePrice_P
1	AEE	0	.	.	15.3%	4.4	4	37.50	32.50
2	ALE	2	0.5	3	14.2%	5.21	5	52.50	45.00
3	AVA	1	0.5	0.5	14.7%	3.334	2	30.00	25.00
4	CMS	0	.	.	14.2%	2.79	2	30.00	30.00
5	DUK	3	0.5	3	14.8%	8.475	68	68.18	62.36
6	ED	0	.	.	11.2%	6.14	46	58.88	51.35
7	EXC	1	0.5	0.5	12.2%	4.485	82	31.90	30.90
8	GNE	0	.	.	1.7%	0.133	1	12.50	.
9	LNT	0	.	.	13.3%	5.21	3	52.50	45.00
10	NI	1	0.5	0.5	12.6%	2.68	14	31.00	28.00
11	NWE	0	.	.	13.0%	4.2	1	50.00	.
12	PCG	0	.	.	13.8%	5.005	7	45.00	35.63
13	PEG	1	0.5	0.5	14.1%	3.97	2	35.00	30.00
14	POM	0	.	.	17.0%	2.97	6	20.00	17.50
15	SCG	1	0.5	0.5	14.1%	5.584	6	40.00	36.67
16	TEG	0	.	.	15.9%	7.48	7	60.00	52.50
17	UTL	2	0.5	0.9009009009	15.2%	3.795	0	.	.
18	WEC	2	0.5	0.6666666667	10.8%	3.426	4	42.50	37.50
19	WR	0	.	.	14.8%	3.73	2	35.00	30.00
20	XEL	1	0.5	0.5	12.5%	3.08	3	27.50	30.00

The FREQ Procedure

Symbol	Frequency	Percent	Cumulative Frequency	Cumulative Percent
AEE	4	1.51	4	1.51
ALE	5	1.89	9	3.40
AVA	2	0.75	11	4.15
CMS	2	0.75	13	4.91
DUK	68	25.66	81	30.57
ED	46	17.36	127	47.92
EXC	82	30.94	209	78.87
GNE	1	0.38	210	79.25
LNT	3	1.13	213	80.38
NI	14	5.28	227	85.66
NWE	1	0.38	228	86.04
PCG	7	2.64	235	88.68
PEG	2	0.75	237	89.43
POM	6	2.26	243	91.70
SCG	6	2.26	249	93.96
TEG	7	2.64	256	96.60
WEC	4	1.51	260	98.11
WR	2	0.75	262	98.87
XEL	3	1.13	265	100.00

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Part II

Evaluate the stocks in your sector and industry using the cut-off year and method specified in the assignment spreadsheet and as discussed in the videos providing background and demonstration of the application of that technique on Blackboard. Retain all graphs and regression output specified in the demonstration video. Write a brief synopsis as to whether the evaluation method was predictive of the performance of the stocks in your industry and sector and why. A few paragraphs is all that is required for the writing portion of this assignment. You will also be required to turn in some combination of your code and log, so please save it.

Answer: According to the efficient market hypothesis, all the information available is applied to the value of the stock,but we are limited to the information from the annual reports given to us. So, we need to evaluate strategy from the day of release of annual reports to the day before release of the next annual reports. DCF would be re-calculated.

The fiscal year for my Industry and sector was 2009. After calculating the ROC we found out that PEG has the highest return on capital followed by EXC.Which has been suggested from the graph.

Code:

```
libname stocks "C:\Users\sgupt36\Desktop\New folder";

data MyCompany;
set stocks.AnnualReports;
format InfoAvailDate YYMMDD10.;
where  sector="Public Utilitie" and Industry="Power Generation";
FiscalYearDate=datepart(IndFinancialYearEnd);
FiscalYear=Year(FiscalYearDate);
InfoAvailDate=input(IndDatePrelimLoaded,YYMMDD10.);
run;

Proc SORT data = MyCompany NODUPKEY;
   BY SYMBOL IndFinancialYearEnd;
RUN;

*Calculating ROI;
Data Report2009;
   SET MyCompany (keep=FiscalYear EBIT BSTotalCurrentLiabilities BSLTDebt
BSMinorIntLiab BSPrefStockEq BSCash BSNetFixedAss BSWC symbol InfoAvailDate
BSSharesOutCommon);
   WHERE FiscalYear=2009;
   ReturnOnCapital=EBIT/(BSNetFixedAss+BSWC);
   RUN;

   proc rank data= Report2009 out=Report2009ROC descending;
   var ReturnOnCapital;
   ranks RankROC;
   run;
```

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```
   *Determine Earnings Yield for cut-off year;
   data GetPrices;
   merge Report2009ROC (in=OnBase)
         stocks.pricesrevised (in=OnPrices rename=(tic=symbol) keep=tic date 
close adjclose)
             ;
      by symbol;
      if OnBase and date=InfoAvailDate;
      run;

      proc freq data=GetPrices;
      tables symbol;
      title "GetPrices";
      run;
      title;
data GetPrices2;
   merge Report2009ROC (in=OnBase)
         stocks.pricesrevised (in=OnPrices rename=(tic=symbol) keep=tic date 
close adjclose)
             ;
      by symbol;
      if OnBase and InfoAvailDate<=date<=InfoAvailDate+5;
      run;
      proc freq data=GetPrices2;
      tables symbol;
      title "GetPrices2";
      run;
      title;
      data GetPricesFirst;
      set GetPrices2;
      by symbol date;
      if first.symbol;
      run;

      data EarningsYield;
      set GetPricesFirst;
      MarketCap=close*BSSharesOutCommon;
      EarningsYield= EBIT/
(MarketCap+BSTotalCurrentLiabilities+BSLTDebt+BSMinorIntLiab+BSPrefStockEq-
BSCash);
      run;
proc rank data=EarningsYield out=EYAndROCRank descending;
var EarningsYield;
ranks RankEY;
run;
proc plot data=EYAndROCRank;
plot RankEY*RankROC=' ' $symbol;
run;
quit;

data AvgRank;
set EYAndROCRank;
AvgRank=(RankEY+RankROC)/2;
run;
data MyCompaniesOneYearLater(keep=symbol FiscalYear InfoAvailDate);
set stocks.AnnualReports;
```

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```
format InfoAvailDate YYMMDD10.;
where  sector="Public Utilitie" and Industry="Power Generation";
FiscalYearDate=datepart(IndFinancialYearEnd);
FiscalYear=Year(FiscalYearDate);
InfoAvailDate=input(IndDatePrelimLoaded,YYMMDD10.);
if FiscalYear = 2010;
run;


data OneyearLaterWithPrice;
merge MyCompaniesOneYearLater (in=OnCompanies)
      stocks.pricesrevised (in=OnPrices rename=(tic=symbol
adjclose=LaterAdjClose) keep=tic date close adjclose)
        ;
        by symbol;
        if InfoAvailDate-5<=date<=InfoAvailDate-1;
        run;
        data PriceBeforeNextReport;
        set OneyearLaterWithPrice;
        by symbol date;
        if last.symbol;
        run;
data EvalBeforeNextReport;
merge AvgRank (in=OnBase)
      PriceBeforeNextReport(in=OnNext)
         ;
by symbol;
if OnBase;
return=(LaterAdjClose-AdjClose)/AdjClose;
run;

proc plot data=EvalBeforeNextReport;
plot return*AvgRank='  '$symbol;
run;
quit;
data MuchLaterPrice (keep=tic adjclose rename=(tic=symbol
adjclose=adjclose2014));
set stocks.pricesrevised;
if date="02Jan2014"d;
run;

data LaterReturn;
merge EvalBeforeNextReport (in=OnBase)
      MuchLaterPrice (in=OnLater);
by symbol;
if OnBase;
return2014=(adjclose2014-AdjClose)/AdjClose;
run;

proc plot data=LaterReturn;
plot return2014*AvgRank=' ' $symbol;
run;
quit;

proc reg data=LaterReturn;
model return2014=AvgRank;
```

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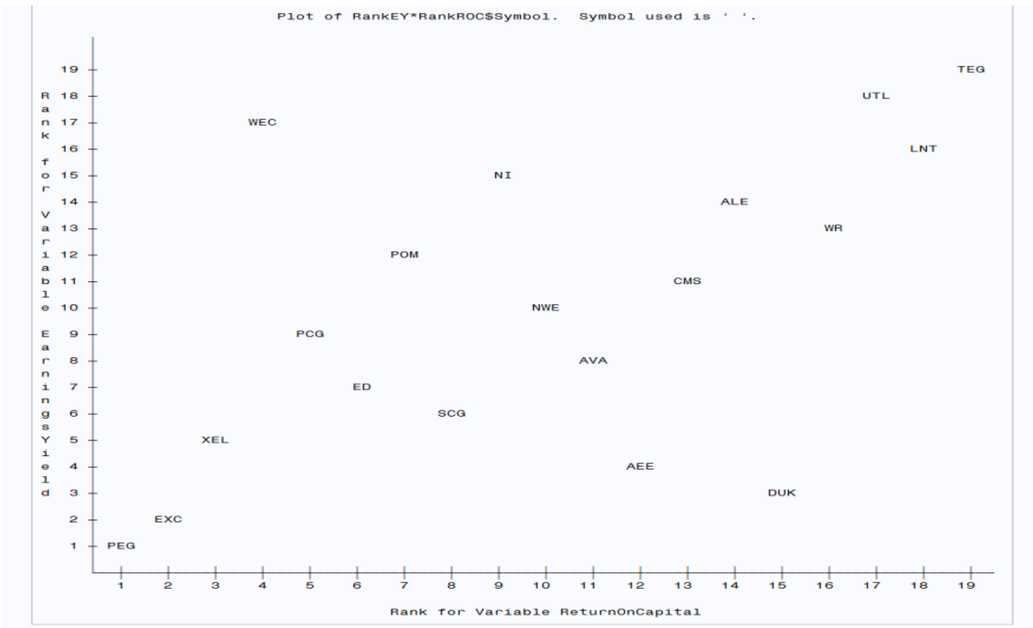
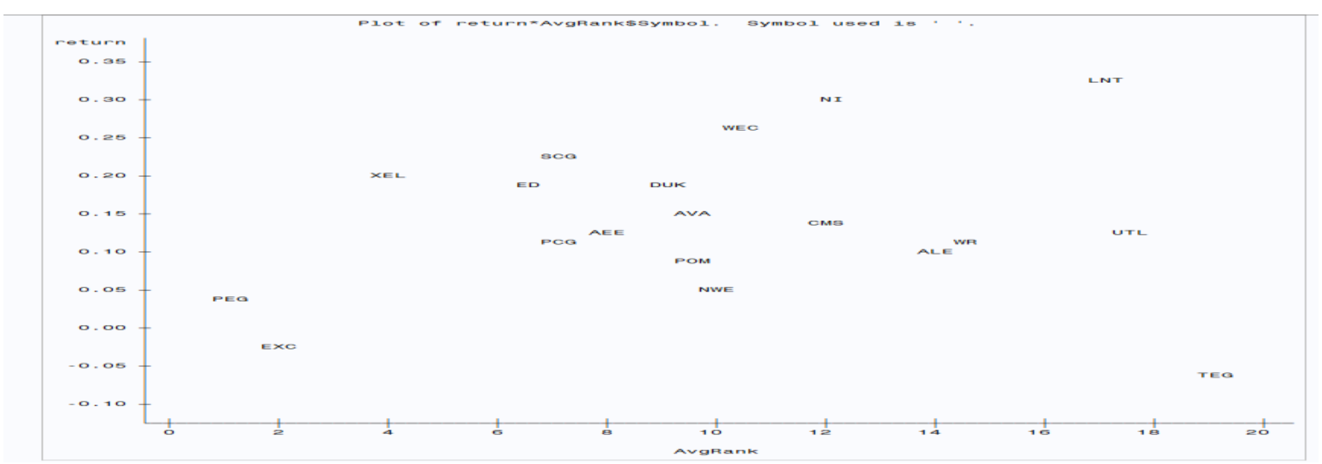
```
run;

proc reg data=LaterReturn;
model return=AvgRank;
run;
quit;
```

For the year 2009:



For a year later, 2010



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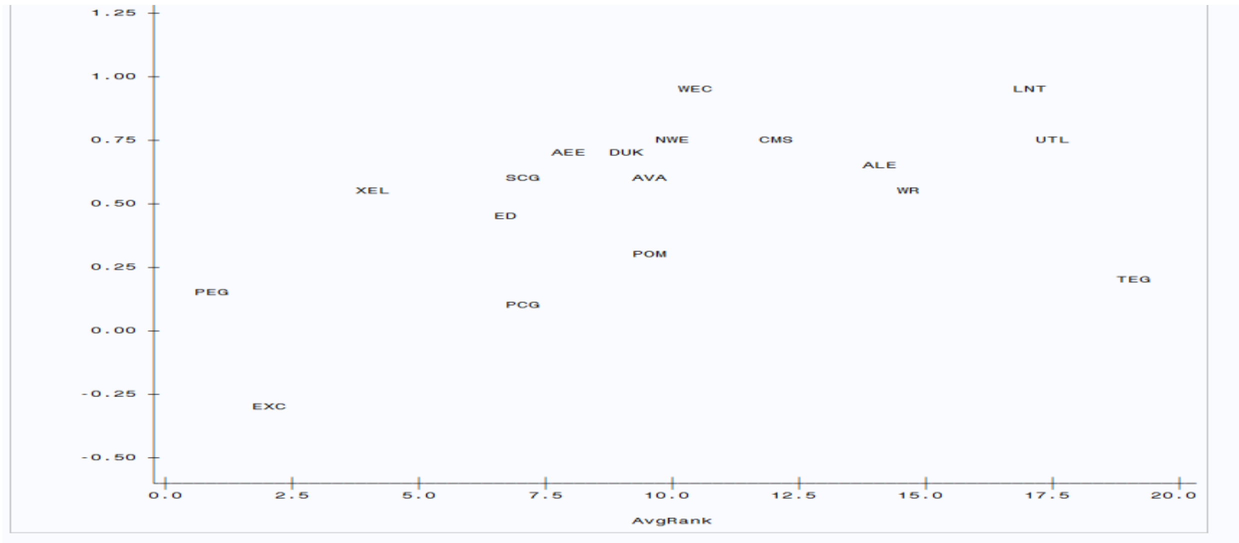
For the year 2014



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The REG Procedure
Model: MODEL1
Dependent Variable: return2014

Number of Observations Read	19
Number of Observations Used	19

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	0.52865	0.52865	4.37	0.0520
Error	17	2.05861	0.12109		
Corrected Total	18	2.58726			

Root MSE	0.34799	R-Square	0.2043
Dependent Mean	0.56973	Adj R-Sq	0.1575
Coeff Var	61.07873		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	0.22603	0.18285	1.24	0.2332
AvgRank	1	0.03437	0.01645	2.09	0.0520

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The REG Procedure
Model: MODEL1
Dependent Variable: return

Number of Observations Read	19
Number of Observations Used	19

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	0.00210	0.00210	0.20	0.6592
Error	17	0.17679	0.01040		
Corrected Total	18	0.17888			

Root MSE	0.10198	R-Square	0.0117
Dependent Mean	0.13862	Adj R-Sq	-0.0464
Coeff Var	73.56400		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	0.11699	0.05358	2.18	0.0433
AvgRank	1	0.00216	0.00482	0.45	0.6592

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Analysis:

We see that with 95% confidence the average rank was not statistically significant.

By applying the little book's method and calculating the ranks for subsequent years we find that the ranks are mostly similar with a little deviation. For instance, for the year 2009, we had PEG with the highest rank and EXC with the second highest, but for the year 2010, we got EXC with the highest rank and PEG the second, similar pattern was observed for the year 2014, proving that Little's Book method is efficient. The average rank was not statistically significant that is with 95% confidence.

APPENDIX

Log:

```
1187 libname stocks "C:\Users\sgupt36\Desktop\New folder";
NOTE: Libref STOCKS was successfully assigned as follows:
      Engine:        V9
      Physical Name: C:\Users\sgupt36\Desktop\New folder
1188 proc contents data=stocks.annualreports varnum;
1189  run;

NOTE: PROCEDURE CONTENTS used (Total process time):
      real time           0.19 seconds
      cpu time            0.06 seconds


1190 proc freq data=stocks.annualreports;
1191 table IndFinancialYearEnd;
1192  run;

NOTE: There were 51527 observations read from the data set STOCKS.ANNUALREPORTS.
NOTE: PROCEDURE FREQ used (Total process time):
      real time           0.15 seconds
      cpu time            0.09 seconds


1193 data work.annualreports;
1194 set stocks.annualreports;
1195  FiscalYearDate=datepart(IndFinancialYearEnd);
1196  FiscalYear=Year(FiscalYearDate);
1197  run;

NOTE: There were 51527 observations read from the data set STOCKS.ANNUALREPORTS.
NOTE: The data set WORK.ANNUALREPORTS has 51527 observations and 291 variables.
```

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```
NOTE: DATA statement used (Total process time):
      real time           0.11 seconds
      cpu time            0.12 seconds


1198 proc freq data=work.annualreports;
1199 table FiscalYear;
1200  run;

NOTE: There were 51527 observations read from the data set WORK.ANNUALREPORTS.
NOTE: PROCEDURE FREQ used (Total process time):
      real time           0.10 seconds
      cpu time            0.04 seconds
```

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```
1201 data work.No2014;
1202 set work.annualreports;
1203 if FiscalYearDate<"01Jan2014"d;
1204  run;

NOTE: There were 51527 observations read from the data set WORK.ANNUALREPORTS.
NOTE: The data set WORK.NO2014 has 50942 observations and 291 variables.
NOTE: DATA statement used (Total process time):
      real time           0.10 seconds
      cpu time            0.09 seconds


1205 proc freq data=work.No2014;
1206 tables FiscalYear;
1207  run;

NOTE: There were 50942 observations read from the data set WORK.NO2014.
NOTE: PROCEDURE FREQ used (Total process time):
      real time           0.10 seconds
      cpu time            0.03 seconds


1208 proc freq data=No2014;
1209 tables sector*industry/list missing missprint;
1210  run;

NOTE: There were 50942 observations read from the data set WORK.NO2014.
NOTE: PROCEDURE FREQ used (Total process time):
      real time           0.19 seconds
      cpu time            0.12 seconds


1211 data MyCompanies;
1212 set work.no2014;
1213 if sector="Public Utilitie" and Industry="Power Generation";
1214  run;

NOTE: There were 50942 observations read from the data set WORK.NO2014.
NOTE: The data set WORK.MYCOMPANIES has 401 observations and 291 variables.
NOTE: DATA statement used (Total process time):
      real time           0.06 seconds
      cpu time            0.06 seconds


1215 proc freq data=Mycompanies order=freq;
1216 title "Number of annual reports recorded by Name";
1217 tables name;
1218  run;

NOTE: There were 401 observations read from the data set WORK.MYCOMPANIES.
NOTE: PROCEDURE FREQ used (Total process time):
      real time           0.08 seconds
      cpu time            0.00 seconds


1219  title;
1220 proc sort nodupkey data=MyCompanies;
1221 by name fiscalyear;
1222  run;

NOTE: There were 401 observations read from the data set WORK.MYCOMPANIES.
NOTE: 4 observations with duplicate key values were deleted.
NOTE: The data set WORK.MYCOMPANIES has 397 observations and 291 variables.
NOTE: PROCEDURE SORT used (Total process time):
      real time           0.02 seconds
      cpu time            0.01 seconds


1223
1224 data MyCompanies;
1225 set MyCompanies;
1226 NameCompressed=compress(name, " .()-,");
1227  run;

NOTE: There were 397 observations read from the data set WORK.MYCOMPANIES.
NOTE: The data set WORK.MYCOMPANIES has 397 observations and 292 variables.
NOTE: DATA statement used (Total process time):
      real time           0.01 seconds
      cpu time            0.00 seconds


1228 proc freq data=MyCompanies order=freq;
1229 tables Symbol*NameCompressed/list out=CompanuCounts;
1230  run;

NOTE: There were 397 observations read from the data set WORK.MYCOMPANIES.
NOTE: The data set WORK.COMPANUCOUNTS has 20 observations and 4 variables.
NOTE: PROCEDURE FREQ used (Total process time):
      real time           0.13 seconds
```

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```
      cpu time            0.03 seconds


1231 proc freq data=MyCompanies order=freq;
1232 tables NameCompressed/list out=CompanuCounts;
1233  run;

NOTE: There were 397 observations read from the data set WORK.MYCOMPANIES.
NOTE: The data set WORK.COMPANUCOUNTS has 20 observations and 3 variables.
NOTE: PROCEDURE FREQ used (Total process time):
      real time           0.10 seconds
      cpu time            0.03 seconds


1234 /*dirt in data scana corporation*/
1235
1236 data WithBinaries;
1237 set mycompanies;
1238 if namecompressed ="AlleteInc" then AlleteInc=1;
1239                                else AlleteInc=0;
1240 if namecompressed ="AlliantEnergyCorporation" then AlliantEnergyCorporation=1;
1241                                else AlliantEnergyCorporation=0;
1242 if namecompressed ="AvistaCorporation" then AvistaCorporation=1;
1243                                else AvistaCorporation=0;
1244 if namecompressed ="CMSEnergyCorporation" then CMSEnergyCorporation=1;
1245                                else CMSEnergyCorporation=0;
1246  run;

NOTE: There were 397 observations read from the data set WORK.MYCOMPANIES.
NOTE: The data set WORK.WITHBINARIES has 397 observations and 296 variables.
NOTE: DATA statement used (Total process time):
      real time           0.02 seconds
      cpu time            0.01 seconds


1247 proc freq data=withbinaries order=freq;
1248 tables name*AlleteInc*AlliantEnergyCorporation*AvistaCorporation*CMSEnergyCorporation/
list
1248! nopercent nocum missing missprint;
1249  run;

NOTE: There were 397 observations read from the data set WORK.WITHBINARIES.
NOTE: PROCEDURE FREQ used (Total process time):
      real time           0.15 seconds
      cpu time            0.01 seconds


1250
1251 data ForAnova;
1252  set withbinaries;
1253 if AlleteInc=1 or AlliantEnergyCorporation=1 or AvistaCorporation=1 or
CMSEnergyCorporation=1;
1254  run;

NOTE: There were 397 observations read from the data set WORK.WITHBINARIES.
NOTE: The data set WORK.FORANOVA has 84 observations and 296 variables.
NOTE: DATA statement used (Total process time):
      real time           0.01 seconds
      cpu time            0.00 seconds


1255 data Convertmetric;
1256 set Foranova;
1257  NetPMtoInd=input(NetProfitMarginToIndustry,8.);
1258  run;

NOTE: Invalid argument to function INPUT at line 1257 column 12.
Symbol=ALE Name=Allete, Inc. LastSale=48.52 MarketCap=2068186348.8 IPOyear=NA Sector=Public
Utilitie
Industry=Power Generation Exchange=NYSE IndFinancialYearEnd=01DEC13:00:00:00
IndDatePrelimLoaded=2014-04-23 IndEarnPeriodInd=A IndQuartInd=4 IndBasicEarningsInd=Y
IndTemplate=
IndPrelimFullInd=N IndProjectedFiscDate=2014-12-31 IndNumMonthsSinceLast=3
ISOperatingRevenue=1018.4
ISTotRev=1018.4 ISAdjToRev=0 ISCOGS=218.2 ISCOGSPlusDepr=334.8 ISGrossMargin=683.6
ISGrossOperatingProfit=683.6 ISRandD=0 ISSGA=0 ISAdvertising=0 ISOpInc=154.1 EBITDA=300.3
ISDepr=116.6
ISDeprUnRec=0 ISAmort=0 ISAmortIntan=0 ISOperatingProfitAfterDep=183.7 ISIntIncome=0
ISEarnFromEquitInt=20.3 ISOtherInc=29.6 ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=-9.3
ISSpecIncCharges=0 EBIT=183.7 ISIntExp=50.3 ISPreTaxIncome=133.4 ISIncTax=0 ISMinorInterest=0
ISPrefSecOfSubs=0 ISIncBeforeTax=133.4 ISNetIncCont=104.7 ISNetIncDis=0
ISNetIncomeTotalOperations=104.7 ISExtRev=0 ISIncAcctgChange=0 ISIncTaxLossForward=0
ISOtherGainLoss=0
ISTotalNetIncome=104.7 ISNormInc=97.4 ISNetIncForCommon=104.7 ISPrefDivs=0 ISExciseTax=0
ISEPSCon=2.64
ISEPSDis=0 BasicEPSFromTotalOperations=2.64 ISEPSExtra=0 ISEPSAcctChng=0 ISEPSTaxLoss=0
ISEPSOther=0
BasicEPSTotal=2.64 BaicEPSNorm=2.45 ISEPSConDil=2.63 ISEPSDisDil=0
DilutedEPSFromTotalOperations=2.63
ISEPSExtraDil=0 ISEPSAcctChngDil=0 ISEPSTaxLossDil=0 ISEPSOtherDil=0 DilutedEPSTotal=2.63
DilutedEPSNormalized=2.45 DividendsPaidPerShare=1.9 ISRevYTD=0 ISNIYTD=0 ISEPSTotYTD=0
```

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```
ISDivPerShareYTD=0 BSCash=97.3 BSResCash=0 BSSTSecurs=97.3 BSAR=96.3 BSLR=0 BSOR=0 BSTotRec=96.3
BSInvRawMat=0 BSInvWIP=0 BSInvPurchComp=0 BSInvFinGoods=0 BSInvOther=0 BSInvAdj=0 BSInv=59.3
BSPrepaidExpenses=35.1 BSDefTax=0 BSOthCA=0 BSTotalCurAssets=307 BSLandAndImpr=0 BSBldgAndImpr=0
BSMachFurnEquip=0 BSConstrInProg=307.3 BSOthFixAss=2576.5 BSTotalFixedAssets=2576.5
BSGrossFixAss=2576.5 BSCumDepr=-1242.1 BSNetFixedAss=2576.5 BSIntangibles=0 BSCostInExcess=0
BSNonCurrentDeffTaxes=0 BSOthNonCurrAssets=68.6 BSTotNonCurAssets=3169.8 BSTotalAssets=3476.8
InventoryValuationMethod=NA BSAcctsPayable=99.9 BSNotesPayable=0 BSSTDebt=0 BSAccrExp=15.7
BSAccrLiab=0 BSDeffRev=0 BSCurrDeffTax=0 BSOthCurLiab=0 BSTotalCurrentLiabilities=230.2
BSLTDebt=1083
BSCapLeaseObl=0 BSDeffTax=28.6 BSOthNonCurrLiab=0 BSMinorIntLiab=2133.9 BSPrefSecOfSubsLiab=0
BSPrefEquityOutsideLiab=0 BSTotalNonCurrentLiabilities=1903.7 BSTotalLiabilities=2133.9
BSPrefStockEq=0 BSCommEq=1342.9 BSCommPar=0 BSPaidInCap=885.2 BSCumTransAdj=0 BSRetEarn=489.1
BSTreasStock=0 BSOtherEqAdj=0 BSTotCap=2425.9 BSTotalEquity=1342.9
BSTotalLiabilitiesAndStockEquit=3476.8 BSCF=0 BSWC=76.8 BSFCF=-89.1 BSInvestedCap=2453.1
BSSharesOutCommon=41.8 BSPrefShares=0 BSTotOrdShares=41.4 TotalCommonSharesOut=41.8
BSTreasShares=0
BasicWeightedShares=0 DilutedWeightedShares=0 BSEmps=1560 BSPTEmps=39 CFONetInc=104.7
ISDepreciation=116.6 ISAmortization=0 ISAmortizationOfIntangibles=0 ISDeferredIncomeTaxes=28.6
CFOOpGains=11.8 CFOExtraGains=0 CFOChgRec=-8.6 CFOChgInv=10.5 CF_Increase_DecreasePrepaidExpe=-
1.4
CFOChgOthCurrAss=0 CFOChgPayables=1.1 CFOChgOthCurrLiab=0 CFOChgOthWC=0 CFOOthNonCash=-25.3
CFONetCashContOps=239.4 CFONetCashDiscOps=0 CFNetCashFromTotalOperatingActi=239.4 CFISalePPE=0
CFISaleLTInvests=0 CFISaleSTInvests=0 CFIPurchPPE=-328.5 CFIAcquisitions=0 CFIPurchLTInvests=-
15.4
CFIPurchSTInvests=0 CFIChgOthInvests=-4.1 CFICashFromDisc=0 CFNetCashFromInvestingActivitie=-
336.6
CFFDebtIssued=169.8 CFFCapStockIssued=98.2 CFFLTDebtRepay=-77.7 CFFCapStockRePurch=0
CFFDividends=-75.2 CFFOthFinCharges=-1.4 CFFCashFromDiscFinancing=0
CFNetCashFromFinancingActivitie=113.7 NetCashFlowExchRateChanges=0
NetChangeInCashAndEquivalents=16.5
NetCashFlowCashBegin=80.8 NetCashFlowCashEnd=97.3 ForeignSales=0 DomesticSales=0 AuditName=NA
AuditReport=NA ClosePE=19.7 HighPE=20.6 LowPE=9.3 GrossMargin=0.7 PreTaxMargin=0.1
PostTaxMargin=0.1
NetProfit=0.1 InterestCov=3.7 IntAsPctInvCap=0 EffTaxRate=0.2 IncPerEmp=67115 NormClosePE=21.1
NormHighPE=21.3 NormLowPE=21.1 NormNetProfit=0.1 NormROE=0.1 NormROA=0 NormROCI=0
NormIncPerEmp=62436
QuickRatio=0.8 CurrentRatio=1.3 PayoutRatio=1 TotDebtToEq=0.83 LTDebtToTotCap=0.45
LeverageRatio=0.8
AssetTurnover=0.3 CashOfRev=9.6 ReceivOfRev=9.5 SGAOfRev=0 RDOfRev=0 RevPerCash=10.47
RevPerNetPlant=0.4 RevPerCommonEq=0.76 RevPerInvCap=0.42 RecTurnover=11 InvTurnover=5.2
RecPerDaySales=2900056.03 SalesPerRec=0 SalesPerInv=0 RevOfAssets=0.3 DaysCOGInInv=NA
CurrAssPerShare=7.85 TotAssPerShare=88.94 IntagiblesOfBook=0 InvOfRev=5.8 LTDebtPerShare=27.71
CurrLiabPerShare=5.89 CashPerShare=6.02 LTDebtToEq=0.81 LTDebtOfInvCap=44.1 LTDebtOfTotDebt=97.5
TotDebtToTotAss=31.9 WCOfEquity=5.7 RevPerShare=26.05 BookPerShare=32.11 TangBookPerShare=34.35
PriceToRev=212.7 PriceToEq=161.3 PriceToTang=161.3 WCOfPrice=3.5 WCPerShare=1.84 CFPerShare=6.02
FCFPerShare=-2.24 ROE=0.1 ROCI=0 ROA=0 PriceOfCF=8.6 PriceOfFCF=-23.1 SalesPerEmp=652821
SalesToIndustry=NA EarningsToIndustry=NA EPSToIndustry=NA PriceToIndustry=NA PEToIndustry=NA
PriceBookToIndustry=NA PriceSalesToIndustry=NA PriceCashflowToIndustry=NA
PriceFreeCashflowToIndustry=NA DebtEquityToIndustry=NA CurrentRatioToIndustry=NA
GrossProfitMarginToIndustry=NA PretaxProfitMarginToIndustry=NA PosttaxProfitMarginToIndustry=NA
NetProfitMarginToIndustry=NA ROEToIndustry=NA LeverageToIndustry=NA FiscalYearDate=19693
FiscalYear=2013 NameCompressed=AlleteInc AlleteInc=1 AlliantEnergyCorporation=0
AvistaCorporation=0
CMSEnergyCorporation=0 NetPMtoInd=. _ERROR_=1 _N_=21
NOTE: Invalid argument to function INPUT at line 1257 column 12.
Symbol=LNT Name=Alliant Energy Corporation LastSale=57.74 MarketCap=6405426163.2 IPOyear=NA
Sector=Public Utilitie Industry=Power Generation Exchange=NYSE
IndFinancialYearEnd=01DEC13:00:00:00
IndDatePrelimLoaded=2014-04-23 IndEarnPeriodInd=A IndQuartInd=4 IndBasicEarningsInd=Y
IndTemplate=
IndPrelimFullInd=N IndProjectedFiscDate=2014-12-31 IndNumMonthsSinceLast=3
ISOperatingRevenue=3276.8
ISTotRev=3276.8 ISAdjToRev=0 ISCOGS=1636.8 ISCOGSPlusDepr=1636.8 ISGrossMargin=1640
ISGrossOperatingProfit=1640 ISRandD=0 ISSGA=0 ISAdvertising=0 ISOpInc=533.9 EBITDA=979.7 ISDepr=0
ISDeprUnRec=-370.9 ISAmort=370.9 ISAmortIntan=0 ISOperatingProfitAfterDep=979.7 ISIntIncome=0.4
ISEarnFromEquitInt=43.7 ISOtherInc=74.5 ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=0
ISSpecIncCharges=0 EBIT=608.8 ISIntExp=172.8 ISPreTaxIncome=436 ISIncTax=-9.6 ISMinorInterest=1.8
ISPrefSecOfSubs=0 ISIncBeforeTax=436 ISNetIncCont=376.2 ISNetIncDis=0
ISNetIncomeTotalOperations=376.2
ISExtRev=0 ISIncAcctgChange=0 ISIncTaxLossForward=0 ISOtherGainLoss=0 ISTotalNetIncome=376.2
ISNormInc=382.1 ISNetIncForCommon=376.2 ISPrefDivs=0 ISExciseTax=0 ISEPSCon=3.29 ISEPSDis=-0.06
BasicEPSFromTotalOperations=3.23 ISEPSExtra=0 ISEPSAcctChng=0 ISEPSTaxLoss=0 ISEPSOther=0
BasicEPSTotal=3.23 BaicEPSNorm=3.29 ISEPSConDil=3.29 ISEPSDisDil=-0.06
DilutedEPSFromTotalOperations=3.23 ISEPSExtraDil=-0.06 ISEPSAcctChngDil=0 ISEPSTaxLossDil=0
ISEPSOtherDil=0 DilutedEPSTotal=3.23 DilutedEPSNormalized=3.29 DividendsPaidPerShare=1.88
ISRevYTD=0
ISNIYTD=0 ISEPSTotYTD=0 ISDivPerShareYTD=0 BSCash=9.8 BSResCash=0 BSSTSecurs=9.8 BSAR=381 BSLR=0
BSOR=0 BSTotRec=473.3 BSInvRawMat=0 BSInvWIP=0 BSInvPurchComp=0 BSInvFinGoods=0 BSInvOther=0
BSInvAdj=0 BSInv=211.8 BSPrepaidExpenses=40.8 BSDefTax=0 BSOthCA=138.8 BSTotalCurAssets=1011.2
BSLandAndImpr=0 BSBldgAndImpr=0 BSMachFurnEquip=0 BSConstrInProg=677.9 BSOthFixAss=8326.5
BSTotalFixedAssets=8326.5 BSGrossFixAss=8326.5 BSCumDepr=-3986 BSNetFixedAss=8326.5
BSIntangibles=0
BSCostInExcess=0 BSNonCurrentDeffTaxes=0 BSOthNonCurrAssets=0 BSTotNonCurAssets=10101.2
BSTotalAssets=11112.4 InventoryValuationMethod=NA BSAcctsPayable=365 BSNotesPayable=0 BSSTDebt=0
BSAccrExp=50.7 BSAccrLiab=0 BSDeffRev=0 BSCurrDeffTax=0 BSOthCurLiab=0
BSTotalCurrentLiabilities=1433.3 BSLTDebt=2977.8 BSCapLeaseObl=0 BSDeffTax=0 BSOthNonCurrLiab=0
BSMinorIntLiab=7629.2 BSPrefSecOfSubsLiab=0 BSPrefEquityOutsideLiab=0
BSTotalNonCurrentLiabilities=6197.7 BSTotalLiabilities=7631 BSPrefStockEq=200 BSCommEq=3281.4
BSCommPar=0 BSPaidInCap=1507.8 BSCumTransAdj=0 BSRetEarn=1780.7 BSTreasStock=8 BSOtherEqAdj=0
BSTotCap=6459.2 BSTotalEquity=3481.4 BSTotalLiabilitiesAndStockEquit=11112.4 BSCF=0 BSWC=-422.1
BSFCF=0 BSInvestedCap=6897.1 BSSharesOutCommon=110.9 BSPrefShares=0 BSTotOrdShares=110.9
```

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```
TotalCommonSharesOut=110.9 BSTreasShares=0.2 BasicWeightedShares=0 DilutedWeightedShares=0
BSEmps=3945
BSPTEmps=NA CFONetInc=376.2 ISDepreciation=0 ISAmortization=370.9 ISAmortizationOfIntangibles=0
ISDeferredIncomeTaxes=0 CFOOpGains=-8.3 CFOExtraGains=0 CFOChgRec=-150.2 CFOChgInv=0
CF_Increase_DecreasePrepaidExpe=0 CFOChgOthCurrAss=0 CFOChgPayables=0 CFOChgOthCurrLiab=0
CFOChgOthWC=17.9 CFOOthNonCash=16.2 CFONetCashContOps=731 CFONetCashDiscOps=0
CFNetCashFromTotalOperatingActi=731 CFISalePPE=0 CFISaleLTInvests=16.6 CFISaleSTInvests=0
CFIPurchPPE=0 CFIAcquisitions=-66.7 CFIPurchLTInvests=0 CFIPurchSTInvests=0 CFIChgOthInvests=27
CFICashFromDisc=0 CFNetCashFromInvestingActivitie=-754.7 CFFDebtIssued=250 CFFCapStockIssued=200
CFFLTDebtRepay=0 CFFCapStockRePurch=-211 CFFDividends=-219.7 CFFOthFinCharges=-18.9
CFFCashFromDiscFinancing=0 CFNetCashFromFinancingActivitie=12.3 NetCashFlowExchRateChanges=0
NetChangeInCashAndEquivalents=-11.4 NetCashFlowCashBegin=21.2 NetCashFlowCashEnd=9.8
ForeignSales=0
DomesticSales=0 AuditName=NA AuditReport=NA ClosePE=17.6 HighPE=17.8 LowPE=6.7 GrossMargin=0.5
PreTaxMargin=0.1 PostTaxMargin=0.1 NetProfit=0.1 InterestCov=3.5 IntAsPctInvCap=0 EffTaxRate=0.1
IncPerEmp=95361 NormClosePE=17.5 NormHighPE=17.7 NormLowPE=17.5 NormNetProfit=0.1 NormROE=0.1
NormROA=0 NormROCI=0.1 NormIncPerEmp=96857 QuickRatio=0.3 CurrentRatio=0.7 PayoutRatio=1
TotDebtToEq=1.1 LTDebtToTotCap=0.46 LeverageRatio=1.1 AssetTurnover=0.3 CashOfRev=0.3
ReceivOfRev=14.4
SGAOfRev=0 RDOfRev=0 RevPerCash=334.37 RevPerNetPlant=0.39 RevPerCommonEq=0.94 RevPerInvCap=0.48
RecTurnover=13.8 InvTurnover=7.9 RecPerDaySales=17856973.75 SalesPerRec=0 SalesPerInv=0
RevOfAssets=0.3 DaysCOGInInv=NA CurrAssPerShare=10.18 TotAssPerShare=111.9 IntagiblesOfBook=0
InvOfRev=6.5 LTDebtPerShare=29.99 CurrLiabPerShare=14.43 CashPerShare=6.6 LTDebtToEq=0.91
LTDebtOfInvCap=43.2 LTDebtOfTotDebt=82.4 TotDebtToTotAss=32.5 WCOfEquity=0 RevPerShare=33
BookPerShare=29.58 TangBookPerShare=33.04 PriceToRev=195.73 PriceToEq=184.23 PriceToTang=195.45
WCOfPrice=0 WCPerShare=-3.8 CFPerShare=6.6 FCFPerShare=0 ROE=0.1 ROCI=0 ROA=0 PriceOfCF=8.8
PriceOfFCF=0 SalesPerEmp=830621 SalesToIndustry=NA EarningsToIndustry=NA EPSToIndustry=NA
PriceToIndustry=NA PEToIndustry=NA PriceBookToIndustry=NA PriceSalesToIndustry=NA
PriceCashflowToIndustry=NA PriceFreeCashflowToIndustry=NA DebtEquityToIndustry=NA
CurrentRatioToIndustry=NA GrossProfitMarginToIndustry=NA PretaxProfitMarginToIndustry=NA
PosttaxProfitMarginToIndustry=NA NetProfitMarginToIndustry=NA ROEToIndustry=NA
LeverageToIndustry=NA
FiscalYearDate=19693 FiscalYear=2013 NameCompressed=AlliantEnergyCorporation AlleteInc=0
AlliantEnergyCorporation=1 AvistaCorporation=0 CMSEnergyCorporation=0 NetPMtoInd=. _ERROR_=1
_N_=42
NOTE: Invalid argument to function INPUT at line 1257 column 12.
Symbol=AVA Name=Avista Corporation LastSale=33.33 MarketCap=2147551390.1 IPOyear=NA
Sector=Public Utilitie Industry=Power Generation Exchange=NYSE
IndFinancialYearEnd=01DEC13:00:00:00
IndDatePrelimLoaded=2014-04-23 IndEarnPeriodInd=A IndQuartInd=4 IndBasicEarningsInd=Y
IndTemplate=
IndPrelimFullInd=N IndProjectedFiscDate=2014-12-31 IndNumMonthsSinceLast=3
ISOperatingRevenue=1618.5
ISTotRev=1618.5 ISAdjToRev=0 ISCOGS=689.6 ISCOGSPlusDepr=689.6 ISGrossMargin=928.9

data set WORK.FORANOVA.
NOTE: The data set WORK.CONVERTMETRIC has 84 observations and 297 variables.
NOTE: DATA statement used (Total process time):
      real time           0.09 seconds
      cpu time            0.09 seconds


1259 proc means data=Convertmetric ;
1260 class symbol;
1261 var NetPMtoInd;
1262  run;

NOTE: There were 84 observations read from the data set WORK.CONVERTMETRIC.
NOTE: PROCEDURE MEANS used (Total process time):
      real time           0.07 seconds
      cpu time            0.01 seconds


1263 proc anova data=Convertmetric;
1264 class symbol;
1265 model NetPMtoInd=symbol;
1266 means symbol/snk;
1267  run;

1268  quit;

NOTE: PROCEDURE ANOVA used (Total process time):
      real time           0.37 seconds
      cpu time            0.07 seconds


1269
1270
1271 /*My project*/
1272 proc sort nodupkey data=MyCompanies;
1273 by symbol;
1274  run;

NOTE: There were 397 observations read from the data set WORK.MYCOMPANIES.
NOTE: 377 observations with duplicate key values were deleted.
NOTE: The data set WORK.MYCOMPANIES has 20 observations and 292 variables.
NOTE: PROCEDURE SORT used (Total process time):
      real time           0.01 seconds
      cpu time            0.01 seconds
```

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```
1275
1276 data work.OptionsFile;
1277 set stocks.OptionsFile (rename=(underlying=symbol));
1278 if "01Apr2014"d<=expdate<="31Jan2016"d;
1279  run;

NOTE: There were 294934 observations read from the data set STOCKS.OPTIONSFILE.
NOTE: The data set WORK.OPTIONSFILE has 83230 observations and 11 variables.
NOTE: DATA statement used (Total process time):
      real time           0.02 seconds
      cpu time            0.01 seconds


1280
1281 proc sort data = OptionsFile;
1282 by symbol expdate strike;
1283  run;

NOTE: There were 83230 observations read from the data set WORK.OPTIONSFILE.
NOTE: The data set WORK.OPTIONSFILE has 83230 observations and 11 variables.
NOTE: PROCEDURE SORT used (Total process time):
      real time           0.02 seconds
      cpu time            0.03 seconds


1284 data MyOptions;
1285 merge MyCompanies(in=OnCompanies keep=symbol)
1286        work.OptionsFile(in=OnOptions)
1287        ;
1288 by symbol;
1289 if OnCompanies and OnOptions;
1290  run;

WARNING: Multiple lengths were specified for the BY variable Symbol by input data sets. This
might
         cause unexpected results.
NOTE: There were 20 observations read from the data set WORK.MYCOMPANIES.
NOTE: There were 83230 observations read from the data set WORK.OPTIONSFILE.
NOTE: The data set WORK.MYOPTIONS has 265 observations and 11 variables.
NOTE: DATA statement used (Total process time):
      real time           0.01 seconds
      cpu time            0.01 seconds


1291
1292 proc freq data=MyOptions;
1293 table symbol;
1294  run;

NOTE: There were 265 observations read from the data set WORK.MYOPTIONS.
NOTE: PROCEDURE FREQ used (Total process time):
      real time           0.24 seconds
      cpu time            0.01 seconds


1295
1296 proc means data=MyOptions;
1297 class Symbol type;
1298 var strike;
1299  run;

NOTE: There were 265 observations read from the data set WORK.MYOPTIONS.
NOTE: PROCEDURE MEANS used (Total process time):
      real time           0.12 seconds
      cpu time            0.03 seconds


1300 proc summary data=Myoptions nway;
1301 class symbol type;
1302 var strike;
1303 output out=OptionStrikes mean=;
1304  run;

NOTE: There were 265 observations read from the data set WORK.MYOPTIONS.
NOTE: The data set WORK.OPTIONSTRIKES has 36 observations and 5 variables.
NOTE: PROCEDURE SUMMARY used (Total process time):
      real time           0.01 seconds
      cpu time            0.01 seconds


1305
1306 /*Dividend yield*/
1307 data work.prices;
1308 set stocks.pricesrevised;
NOTE: Data file STOCKS.PRICESREVISED.DATA is in a format that is native to another host, or the
file
      encoding does not match the session encoding. Cross Environment Data Access will be used,
which
      might require additional CPU resources and might reduce performance.
1309  year=year(date);
1310  run;
```

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```
NOTE: There were 19609695 observations read from the data set STOCKS.PRICESREVISED.
NOTE: The data set WORK.PRICES has 19609695 observations and 9 variables.
NOTE: DATA statement used (Total process time):
      real time           10.43 seconds
      cpu time            10.06 seconds


1311
1312 proc means data=work.prices n nmiss min;
1313 class year;
1314 var date;
1315  run;

NOTE: There were 19609695 observations read from the data set WORK.PRICES.
NOTE: PROCEDURE MEANS used (Total process time):
      real time           3.59 seconds
      cpu time            2.32 seconds


1316
1317 proc means data=work.prices nway;
1318 class year;
1319 var date;
1320 output out= FirstTradingDayPerYear min=;
1321  run;

NOTE: There were 19609695 observations read from the data set WORK.PRICES.
NOTE: The data set WORK.FIRSTTRADINGDAYPERYEAR has 25 observations and 4 variables.
NOTE: PROCEDURE MEANS used (Total process time):
      real time           2.81 seconds
      cpu time            3.88 seconds


1322 proc print data=FirstTradingDayPerYear;
1323  run;

NOTE: There were 25 observations read from the data set WORK.FIRSTTRADINGDAYPERYEAR.
NOTE: PROCEDURE PRINT used (Total process time):
      real time           0.12 seconds
      cpu time            0.01 seconds


1324 data MyFirstTradingDay;
1325 set stocks.pricesrevised;
NOTE: Data file STOCKS.PRICESREVISED.DATA is in a format that is native to another host, or the
file
     encoding does not match the session encoding. Cross Environment Data Access will be used,
which
      might require additional CPU resources and might reduce performance.
1326 if date="03Jan2012"d;
1327  run;

NOTE: There were 19609695 observations read from the data set STOCKS.PRICESREVISED.
NOTE: The data set WORK.MYFIRSTTRADINGDAY has 4952 observations and 8 variables.
NOTE: DATA statement used (Total process time):
      real time           8.09 seconds
      cpu time            8.03 seconds


1328 proc sort data= MyFirstTradingDay;
1329 by tic;
1330  run;

NOTE: There were 4952 observations read from the data set WORK.MYFIRSTTRADINGDAY.
NOTE: The data set WORK.MYFIRSTTRADINGDAY has 4952 observations and 8 variables.
NOTE: PROCEDURE SORT used (Total process time):
      real time           0.00 seconds
      cpu time            0.01 seconds


1331 data MyPriceFirstTradingDay;
1332 merge MyCompanies(in=OnCompanies keep=symbol)
1333        MyFirstTradingDay (in=OnPrices rename=(tic=symbol))
1334        ;
1335 by symbol;
1336 if OnCompanies and OnPrices;
1337  run;

NOTE: There were 20 observations read from the data set WORK.MYCOMPANIES.
NOTE: There were 4952 observations read from the data set WORK.MYFIRSTTRADINGDAY.
NOTE: The data set WORK.MYPRICEFIRSTTRADINGDAY has 20 observations and 8 variables.
NOTE: DATA statement used (Total process time):
      real time           0.07 seconds
      cpu time            0.00 seconds


1338
1339 data work.DivFile;
1340 set stocks.DivFile;
1341 Where Date ge "03Jan2012"d;
```

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```
1342 rename tic=symbol;
1343  run;

NOTE: There were 41061 observations read from the data set STOCKS.DIVFILE.
      WHERE Date>='03JAN2012'D;
NOTE: The data set WORK.DIVFILE has 41061 observations and 4 variables.
NOTE: DATA statement used (Total process time):
      real time           0.07 seconds
      cpu time            0.04 seconds


1344
1345 data MyDividends;
1346 merge MyPriceFirstTradingDay (in=OnPrice)
1347        DivFile                (in=OnDiv)
1348        ;
1349  by    symbol;
1350  if   OnPrice and OnDiv;
1351  run;

WARNING: Multiple lengths were specified for the BY variable Symbol by input data sets. This
might
         cause unexpected results.
NOTE: There were 20 observations read from the data set WORK.MYPRICEFIRSTTRADINGDAY.
NOTE: There were 41061 observations read from the data set WORK.DIVFILE.
NOTE: The data set WORK.MYDIVIDENDS has 211 observations and 10 variables.
NOTE: DATA statement used (Total process time):
      real time           0.01 seconds
      cpu time            0.03 seconds


1352
1353 proc summary data=MyDividends nway;
1354 class symbol adjclose;
1355 var DivAmount;
1356 output out=Divsum sum=;
1357  run;

NOTE: There were 211 observations read from the data set WORK.MYDIVIDENDS.
NOTE: The data set WORK.DIVSUM has 20 observations and 5 variables.
NOTE: PROCEDURE SUMMARY used (Total process time):
      real time           0.06 seconds
      cpu time            0.01 seconds


1358
1359 data DivCalc;
1360 format DivYield percent8.1;
1361 set Divsum;
1362  DivYield=DivAmount/AdjClose;
1363  run;

NOTE: There were 20 observations read from the data set WORK.DIVSUM.
NOTE: The data set WORK.DIVCALC has 20 observations and 6 variables.
NOTE: DATA statement used (Total process time):
      real time           0.00 seconds
      cpu time            0.00 seconds


1364
1365 *Determine the min and max split amounts;;
1366 data work.splits(drop=date rename=(splitdate=date));
1367 set stocks.splits;
1368 SplitDate=input(date,YYMMDD10.);
1369 format SplitDate YYMMDD10.;
1370 rename tic=symbol;
1371  run;

NOTE: There were 6015 observations read from the data set STOCKS.SPLITS.
NOTE: The data set WORK.SPLITS has 6015 observations and 3 variables.
NOTE: DATA statement used (Total process time):
      real time           0.34 seconds
      cpu time            0.00 seconds


1372 data MySplits;
1373 merge MyCompanies(in=OnCompanies keep=symbol)
1374        Splits(in=OnSplits )
1375        ;
1376 by symbol;
1377 if OnCompanies and OnSplits and date ge "02Jan1990"d;
1378     run;

WARNING: Multiple lengths were specified for the BY variable Symbol by input data sets. This
might
         cause unexpected results.
NOTE: There were 20 observations read from the data set WORK.MYCOMPANIES.
NOTE: There were 6015 observations read from the data set WORK.SPLITS.
NOTE: The data set WORK.MYSPLITS has 15 observations and 3 variables.
NOTE: DATA statement used (Total process time):
      real time           0.08 seconds
```

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```
      cpu time            0.01 seconds


proc means data=Mysplits max min;
class symbol;
var split;
 run;

NOTE: There were 15 observations read from the data set WORK.MYSPLITS.
NOTE: PROCEDURE MEANS used (Total process time):
      real time           0.09 seconds
      cpu time            0.01 seconds


proc summary data=MySplits nway;
class symbol;
var split;
output out=SplitMinMax(drop=_type_) min=SplitMin max=SplitMax;
 run;

NOTE: There were 15 observations read from the data set WORK.MYSPLITS.
NOTE: The data set WORK.SPLITMINMAX has 10 observations and 4 variables.
NOTE: PROCEDURE SUMMARY used (Total process time):
      real time           0.01 seconds
      cpu time            0.01 seconds



data OnePerSymbolStart;
merge MyCompanies(in=OnBase keep=symbol)
       SplitMinMax(in=OnSplits)
       DivCalc(in=OnDiv)
       ;
 by symbol;
 if OnBase;
 run;

NOTE: There were 20 observations read from the data set WORK.MYCOMPANIES.
NOTE: There were 10 observations read from the data set WORK.SPLITMINMAX.
NOTE: There were 20 observations read from the data set WORK.DIVCALC.
NOTE: The data set WORK.ONEPERSYMBOLSTART has 20 observations and 8 variables.
NOTE: DATA statement used (Total process time):
      real time           0.01 seconds
      cpu time            0.01 seconds


option nolabel;
proc freq data=MyOptions;
table symbol /out=OptionsCount (drop=Percent rename=(count=OptionsCount));
 run;

NOTE: There were 265 observations read from the data set WORK.MYOPTIONS.
NOTE: The data set WORK.OPTIONSCOUNT has 19 observations and 2 variables.
NOTE: PROCEDURE FREQ used (Total process time):
      real time           0.09 seconds
      cpu time            0.01 seconds


options label;
proc transpose data= OptionStrikes (drop=_type_ _freq_)
                out=OptionsTransposed Prefix=StrikePrice_;
         by symbol;id type;var strike;
 run;

NOTE: There were 36 observations read from the data set WORK.OPTIONSTRIKES.
NOTE: The data set WORK.OPTIONSTRANSPOSED has 19 observations and 4 variables.
NOTE: PROCEDURE TRANSPOSE used (Total process time):
      real time           0.02 seconds
      cpu time            0.00 seconds



options nolabel;
data OnePerSymbolRound2;
merge MyCompanies (in=OnBase keep=symbol)
       SplitMinMax (in=OnSplits drop= rename=(_freq_=SplitCount))
       Divcalc     (in=OnDiv drop=_type_ _freq_ adjclose)
       OptionsCount(in=OnOptions)
       Optionstransposed (in=OptionsPrices drop=_NAME_)
       ;
 by symbol;
 if OnBase;
 run;

NOTE: There were 20 observations read from the data set WORK.MYCOMPANIES.
NOTE: There were 10 observations read from the data set WORK.SPLITMINMAX.
NOTE: There were 20 observations read from the data set WORK.DIVCALC.
NOTE: There were 19 observations read from the data set WORK.OPTIONSCOUNT.
NOTE: There were 19 observations read from the data set WORK.OPTIONSTRANSPOSED.
NOTE: The data set WORK.ONEPERSYMBOLROUND2 has 20 observations and 9 variables.
NOTE: DATA statement used (Total process time):
```

```
      real time           0.02 seconds
      cpu time            0.03 seconds


1418 options label;
1419
1420 data OnePerSymbolNoBlanks;
1421 set OnePerSymbolRound2;
1422 format StrikePrice_C StrikePrice_p 8.2;
1423 array numbervars _numeric_;
1424 do over numbervars;
1425     if numbervars=. then numbervars=0;
1426  end;
1427  run;

NOTE: There were 20 observations read from the data set WORK.ONEPERSYMBOLROUND2.
NOTE: The data set WORK.ONEPERSYMBOLNOBLANKS has 20 observations and 9 variables.
NOTE: DATA statement used (Total process time):
      real time           0.00 seconds
      cpu time            0.01 seconds


1428 data OnePerSymbolNoBlanks;
1429 set OnePerSymbolRound2;
1430 format StrikePrice_C StrikePrice_p 8.2;
1431 array BlankToZero SplitCount DivYield DivAmount OptionsCount;
1432 do over BlankToZero;
1433     if BlankToZero=. then BlankToZero=0;
1434  end;
1435  run;

NOTE: There were 20 observations read from the data set WORK.ONEPERSYMBOLROUND2.
NOTE: The data set WORK.ONEPERSYMBOLNOBLANKS has 20 observations and 9 variables.
NOTE: DATA statement used (Total process time):
      real time           0.00 seconds
      cpu time            0.01 seconds

1436 libname stocks "C:\Users\sgupt36\Desktop\New folder";
NOTE: Libref STOCKS was successfully assigned as follows:
      Engine:        V9
      Physical Name: C:\Users\sgupt36\Desktop\New folder
1437


1438 data MyCompany;
1439 set stocks.AnnualReports;
1440 format InfoAvailDate YYMMDD10.;
1441 where sector="Public Utilitie" and Industry="Power Generation";
1442  FiscalYearDate=datepart(IndFinancialYearEnd);
1443  FiscalYear=Year(FiscalYearDate);
1444  InfoAvailDate=input(IndDatePrelimLoaded,YYMMDD10.);
1445  run;

GrossProfitMarginToIndustry=109.3 PretaxProfitMarginToIndustry=109.8
PosttaxProfitMarginToIndustry=122.3 NetProfitMarginToIndustry=121.1 ROEToIndustry=108.5
LeverageToIndustry=93.9 InfoAvailDate=. FiscalYearDate=12753 FiscalYear=1994 _ERROR_=1 _N_=231
NOTE: Mathematical operations could not be performed at the following places. The results of the
      operations have been set to missing values.
      Each place is given by: (Number of times) at (Line):(Column).
      31 at 1444:15
NOTE: There were 401 observations read from the data set STOCKS.ANNUALREPORTS.
      WHERE (sector='Public Utilitie') and (Industry='Power Generation');
NOTE: The data set WORK.MYCOMPANY has 401 observations and 292 variables.
NOTE: DATA statement used (Total process time):
      real time           0.32 seconds
      cpu time            0.26 seconds


1446
1447 Proc SORT data = MyCompany NODUPKEY;
1448     BY SYMBOL IndFinancialYearEnd;
1449  RUN;

NOTE: There were 401 observations read from the data set WORK.MYCOMPANY.
NOTE: 0 observations with duplicate key values were deleted.
NOTE: The data set WORK.MYCOMPANY has 401 observations and 292 variables.
NOTE: PROCEDURE SORT used (Total process time):
      real time           0.00 seconds
      cpu time            0.00 seconds


1450
1451 *Calculating ROI;
1452 Data Report2009;
1453     SET MyCompany (keep=FiscalYear EBIT BSTotalCurrentLiabilities BSLTDebt BSMinorIntLiab
1453! BSPrefStockEq BSCash BSNetFixedAss BSWC symbol InfoAvailDate BSSharesOutCommon);
1454     WHERE FiscalYear=2009;
1455     ReturnOnCapital=EBIT/(BSNetFixedAss+BSWC);
1456     RUN;

NOTE: There were 19 observations read from the data set WORK.MYCOMPANY.
      WHERE FiscalYear=2009;
NOTE: The data set WORK.REPORT2009 has 19 observations and 13 variables.
```

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```
NOTE: DATA statement used (Total process time):
      real time           0.00 seconds
      cpu time            0.00 seconds


1457
1458     proc rank data= Report2009 out=Report2009ROC descending;
1459     var ReturnOnCapital;
1460     ranks RankROC;
1461     run;

NOTE: The data set WORK.REPORT2009ROC has 19 observations and 14 variables.
NOTE: PROCEDURE RANK used (Total process time):
      real time           0.01 seconds
      cpu time            0.00 seconds


1462
1463     *Determine Earnings Yield for cut-off year;
1464     data GetPrices;
1465     merge Report2009ROC (in=OnBase)
1466           stocks.pricesrevised (in=OnPrices rename=(tic=symbol) keep=tic date close
adjclose)
1467           ;
NOTE: Data file STOCKS.PRICESREVISED.DATA is in a format that is native to another host, or the
file
     encoding does not match the session encoding. Cross Environment Data Access will be used,
which
      might require additional CPU resources and might reduce performance.
1468      by symbol;
1469      if OnBase and date=InfoAvailDate;
1470      run;

NOTE: There were 19 observations read from the data set WORK.REPORT2009ROC.
NOTE: There were 19609695 observations read from the data set STOCKS.PRICESREVISED.
NOTE: The data set WORK.GETPRICES has 19 observations and 17 variables.
NOTE: DATA statement used (Total process time):
      real time           7.96 seconds
      cpu time            7.98 seconds


1471
1472      proc freq data=GetPrices;
1473      tables symbol;
1474      title "GetPrices";
1475      run;

NOTE: There were 19 observations read from the data set WORK.GETPRICES.
NOTE: PROCEDURE FREQ used (Total process time):
      real time           0.10 seconds
      cpu time            0.01 seconds


1476      title;
1477 data GetPrices2;
1478     merge Report2009ROC (in=OnBase)
1479           stocks.pricesrevised (in=OnPrices rename=(tic=symbol) keep=tic date close
adjclose)
1480           ;
NOTE: Data file STOCKS.PRICESREVISED.DATA is in a format that is native to another host, or the
file
     encoding does not match the session encoding. Cross Environment Data Access will be used,
which
      might require additional CPU resources and might reduce performance.
1481      by symbol;
1482      if OnBase and InfoAvailDate<=date<=InfoAvailDate+5;
1483      run;

ERROR: You cannot open WORK.GETPRICES2.DATA for output access with member-level control because
WORK.GETPRICES2.DATA is in use by you in resource environment ViewTable Window.
NOTE: The SAS System stopped processing this step because of errors.
NOTE: There were 1 observations read from the data set WORK.REPORT2009ROC.
NOTE: There were 1 observations read from the data set STOCKS.PRICESREVISED.
NOTE: DATA statement used (Total process time):
      real time           0.00 seconds
      cpu time            0.01 seconds


1484      proc freq data=GetPrices2;
1485      tables symbol;
1486      title "GetPrices2";
1487      run;

NOTE: There were 80 observations read from the data set WORK.GETPRICES2.
NOTE: PROCEDURE FREQ used (Total process time):
      real time           0.07 seconds
      cpu time            0.01 seconds


1488      title;
1489      data GetPricesFirst;
```

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```
1490      set GetPrices2;
1491      by symbol date;
1492      if first.symbol;
1493      run;

NOTE: There were 80 observations read from the data set WORK.GETPRICES2.
NOTE: The data set WORK.GETPRICESFIRST has 19 observations and 17 variables.
NOTE: DATA statement used (Total process time):
      real time           0.04 seconds
      cpu time            0.00 seconds


1494
1495      data EarningsYield;
1496      set GetPricesFirst;
1497      MarketCap=close*BSSharesOutCommon;
1498      EarningsYield= EBIT/
1498! (MarketCap+BSTotalCurrentLiabilities+BSLTDebt+BSMinorIntLiab+BSPrefStockEq-BSCash);
1499      run;

NOTE: There were 19 observations read from the data set WORK.GETPRICESFIRST.
NOTE: The data set WORK.EARNINGSYIELD has 19 observations and 19 variables.
NOTE: DATA statement used (Total process time):
      real time           0.01 seconds
      cpu time            0.00 seconds


1500 proc rank data=EarningsYield out=EYAndROCRank descending;
ERROR: You cannot open WORK.EYANDROCRANK.DATA for output access with member-level control because
WORK.EYANDROCRANK.DATA is in use by you in resource environment ViewTable Window.
1501 var EarningsYield;
1502 ranks RankEY;
1503  run;

NOTE: The SAS System stopped processing this step because of errors.
NOTE: PROCEDURE RANK used (Total process time):
      real time           0.00 seconds
      cpu time            0.00 seconds



1504 proc plot data=EYAndROCRank;
1505 plot RankEY*RankROC=' ' $symbol;
1506  run;

1507  quit;

NOTE: There were 19 observations read from the data set WORK.EYANDROCRANK.
NOTE: PROCEDURE PLOT used (Total process time):
      real time           0.10 seconds
      cpu time            0.00 seconds


1508
1509 data AvgRank;
1510 set EYAndROCRank;
1511  AvgRank=(RankEY+RankROC)/2;
1512  run;

ERROR: You cannot open WORK.AVGRANK.DATA for output access with member-level control because
WORK.AVGRANK.DATA is in use by you in resource environment ViewTable Window.
NOTE: The SAS System stopped processing this step because of errors.
NOTE: DATA statement used (Total process time):
      real time           0.00 seconds
      cpu time            0.00 seconds


1513 data MyCompaniesOneYearLater(keep=symbol FiscalYear InfoAvailDate);
1514 set stocks.AnnualReports;
1515 format InfoAvailDate YYMMDD10.;
1516 where sector="Public Utilitie" and Industry="Power Generation";
1517  FiscalYearDate=datepart(IndFinancialYearEnd);
1518  FiscalYear=Year(FiscalYearDate);
1519  InfoAvailDate=input(IndDatePrelimLoaded,YYMMDD10.);
1520 if FiscalYear = 2010;
1521  run;

NOTE: Invalid argument to function INPUT at line 1519 column 15.
Symbol=ALE Name=Allete, Inc. LastSale=48.52 MarketCap=2068186348.8 IPOyear=NA Sector=Public
Utilitie
Industry=Power Generation Exchange=NYSE IndFinancialYearEnd=01DEC93:00:00:00
IndDatePrelimLoaded=0000-00-00 IndEarnPeriodInd=F IndQuartInd=4 IndBasicEarningsInd=N
IndTemplate=
IndPrelimFullInd=N IndProjectedFiscDate=0000-00-00 IndNumMonthsSinceLast=12
ISOperatingRevenue=505.5
ISTotRev=505.5 ISAdjToRev=47.8 ISCOGS=297.4 ISCOGSPlusDepr=297.4 ISGrossMargin=0
ISGrossOperatingProfit=160.3 ISRandD=0 ISSGA=0 ISAdvertising=0 ISOpInc=0 EBITDA=160.3 ISDepr=62
ISDeprUnRec=62 ISAmort=0 ISAmortIntan=0 ISOperatingProfitAfterDep=98.3 ISIntIncome=0
ISEarnFromEquitInt=0 ISOtherInc=28.6 ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=0
ISSpecIncCharges=0 EBIT=126.9 ISIntExp=43.5 ISPreTaxIncome=83.4 ISIncTax=20.8 ISMinorInterest=0
```

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```
ISPrefSecOfSubs=0 ISIncBeforeTax=0 ISNetIncCont=62.6 ISNetIncDis=0
ISNetIncomeTotalOperations=62.6
ISExtRev=0 ISIncAcctgChange=0 ISIncTaxLossForward=0 ISOtherGainLoss=0 ISTotalNetIncome=62.6
ISNormInc=62.6 ISNetIncForCommon=59.3 ISPrefDivs=3.3 ISExciseTax=0 ISEPSCon=3.42 ISEPSDis=-0.12
BasicEPSFromTotalOperations=3.3 ISEPSExtra=0 ISEPSAcctChng=0 ISEPSTaxLoss=0 ISEPSOther=0
BasicEPSTotal=3.3 BaicEPSNorm=3.42 ISEPSConDil=3.42 ISEPSDisDil=-0.12
DilutedEPSFromTotalOperations=3.3 ISEPSExtraDil=0 ISEPSAcctChngDil=0 ISEPSTaxLossDil=0
ISEPSOtherDil=0
DilutedEPSTotal=3.3 DilutedEPSNormalized=3.42 DividendsPaidPerShare=2.97 ISRevYTD=505.5
ISNIYTD=62.6
ISEPSTotYTD=3.3 ISDivPerShareYTD=2.97 BSCash=31.7 BSResCash=0 BSSTSecurs=0 BSAR=0 BSLR=0 BSOR=0
BSTotRec=196.9 BSInvRawMat=0 BSInvWIP=0 BSInvPurchComp=0 BSInvFinGoods=0 BSInvOther=0 BSInvAdj=0
BSInv=20.8 BSPrepaidExpenses=0 BSDefTax=0 BSOthCA=22.6 BSTotalCurAssets=272 BSLandAndImpr=0
BSBldgAndImpr=0 BSMachFurnEquip=0 BSConstrInProg=0 BSOthFixAss=0 BSTotalFixedAssets=0
BSGrossFixAss=1601.8 BSCumDepr=535.9 BSNetFixedAss=1065.9 BSIntangibles=0 BSCostInExcess=0
BSNonCurrentDeffTaxes=0 BSOthNonCurrAssets=422.7 BSTotNonCurAssets=1488.6 BSTotalAssets=1760.5
InventoryValuationMethod=3 BSAcctsPayable=35.7 BSNotesPayable=0 BSSTDebt=42.8 BSAccrExp=0
BSAccrLiab=0
BSDeffRev=0 BSCurrDeffTax=0 BSOthCurLiab=66.9 BSTotalCurrentLiabilities=145.3 BSLTDebt=596.1
BSCapLeaseObl=0 BSDeffTax=149.9 BSOthNonCurrLiab=258 BSMinorIntLiab=0 BSPrefSecOfSubsLiab=0
BSPrefEquityOutsideLiab=0 BSTotalNonCurrentLiabilities=1004 BSTotalLiabilities=1149.4
BSPrefStockEq=48.5 BSCommEq=562.6 BSCommPar=0 BSPaidInCap=0 BSCumTransAdj=0 BSRetEarn=271.2
BSTreasStock=0 BSOtherEqAdj=0 BSTotCap=0 BSTotalEquity=611.1
BSTotalLiabilitiesAndStockEquit=1760.5
BSCF=121.3 BSWC=126.6 BSFCF=-2.2 BSInvestedCap=1207.2 BSSharesOutCommon=20.8 BSPrefShares=0.5
BSTotOrdShares=0 TotalCommonSharesOut=20.8 BSTreasShares=0 BasicWeightedShares=0
DilutedWeightedShares=0 BSEmps=2587 BSPTEmps=NA CFONetInc=62.6 ISDepreciation=62 ISAmortization=0
ISAmortizationOfIntangibles=0 ISDeferredIncomeTaxes=5.5 CFOOpGains=-2 CFOExtraGains=0 CFOChgRec=-
12
CFOChgInv=4.2 CF_Increase_DecreasePrepaidExpe=0 CFOChgOthCurrAss=0 CFOChgPayables=-1.2
CFOChgOthCurrLiab=4.4 CFOChgOthWC=0 CFOOthNonCash=-0.8 CFONetCashContOps=122.7
CFONetCashDiscOps=0
CFNetCashFromTotalOperatingActi=122.7 CFISalePPE=6.6 CFISaleLTInvests=0 CFISaleSTInvests=243
CFIPurchPPE=-68.2 CFIAcquisitions=0 CFIPurchLTInvests=0 CFIPurchSTInvests=-266.3
CFIChgOthInvests=-54.8 CFICashFromDisc=0 CFNetCashFromInvestingActivitie=-139.7
CFFDebtIssued=171.6
CFFCapStockIssued=57.6 CFFLTDebtRepay=-138.8 CFFCapStockRePurch=-2 CFFDividends=-56.7
CFFOthFinCharges=0 CFFCashFromDiscFinancing=0 CFNetCashFromFinancingActivitie=31.8
NetCashFlowExchRateChanges=0 NetChangeInCashAndEquivalents=14.8 NetCashFlowCashBegin=16.8
NetCashFlowCashEnd=0 ForeignSales=0 DomesticSales=0 AuditName=NA AuditReport=NA ClosePE=6
HighPE=6.6
LowPE=5.5 GrossMargin=41.2 PreTaxMargin=16.5 PostTaxMargin=12.4 NetProfit=12.4 InterestCov=2.9
IntAsPctInvCap=3.6 EffTaxRate=24.9 IncPerEmp=24198 NormClosePE=5.7 NormHighPE=6.4 NormLowPE=5.3
NormNetProfit=12.4 NormROE=11.1 NormROA=3.6 NormROCI=5.2 NormIncPerEmp=24198 QuickRatio=1.6
CurrentRatio=1.9 PayoutRatio=90 TotDebtToEq=1.14 LTDebtToTotCap=0.49 LeverageRatio=3.1
AssetTurnover=0.3 CashOfRev=6.3 ReceivOfRev=39 SGAOfRev=0 RDOfRev=0 RevPerCash=15.95
RevPerNetPlant=0.47 RevPerCommonEq=0.9 RevPerInvCap=0.42 RecTurnover=3.5 InvTurnover=13
RecPerDaySales=140.23 SalesPerRec=2.57 SalesPerInv=24.3 RevOfAssets=0.3 DaysCOGInInv=28
CurrAssPerShare=13.07 TotAssPerShare=84.62 IntagiblesOfBook=0 InvOfRev=4.1 LTDebtPerShare=28.65
CurrLiabPerShare=6.98 CashPerShare=1.52 LTDebtToEq=1.06 LTDebtOfInvCap=49.4 LTDebtOfTotDebt=51.9
TotDebtToTotAss=65.3 WCOfEquity=22.5 RevPerShare=24.3 BookPerShare=27.04 TangBookPerShare=27.04
PriceToRev=0.81 PriceToEq=0.73 PriceToTang=0.73 WCOfPrice=31 WCPerShare=6.09 CFPerShare=5.83
FCFPerShare=-0.11 ROE=11.1 ROCI=5.2 ROA=3.6 PriceOfCF=3.4 PriceOfFCF=-178.6 SalesPerEmp=195400
SalesToIndustry=0.7 EarningsToIndustry=0.9 EPSToIndustry=170.1 PriceToIndustry=74.1
PEToIndustry=43.5
PriceBookToIndustry=47.7 PriceSalesToIndustry=66.9 PriceCashflowToIndustry=53.1
PriceFreeCashflowToIndustry=280.4 DebtEquityToIndustry=95.5 CurrentRatioToIndustry=211.1
GrossProfitMarginToIndustry=97.6 PretaxProfitMarginToIndustry=107.8
PosttaxProfitMarginToIndustry=131.9 NetProfitMarginToIndustry=131.9 ROEToIndustry=93.3
LeverageToIndustry=91.2 InfoAvailDate=. FiscalYearDate=12388 FiscalYear=1993 _ERROR_=1 _N_=18
NOTE: Invalid argument to function INPUT at line 1519 column 15.
Symbol=ALE Name=Allete, Inc. LastSale=48.52 MarketCap=2068186348.8 IPOyear=NA Sector=Public
Utilitie
Industry=Power Generation Exchange=NYSE IndFinancialYearEnd=01DEC94:00:00:00
IndDatePrelimLoaded=0000-00-00 IndEarnPeriodInd=F IndQuartInd=4 IndBasicEarningsInd=Y
IndTemplate=U
IndPrelimFullInd=N IndProjectedFiscDate=0000-00-00 IndNumMonthsSinceLast=12
ISOperatingRevenue=637.8
ISTotRev=0 ISAdjToRev=0 ISCOGS=374.2 ISCOGSPlusDepr=374.2 ISGrossMargin=0
ISGrossOperatingProfit=263.6
ISRandD=0 ISSGA=79.9 ISAdvertising=0 ISOpInc=0 EBITDA=183.7 ISDepr=54.1 ISDeprUnRec=54.1
ISAmort=0
ISAmortIntan=0 ISOperatingProfitAfterDep=129.6 ISIntIncome=0 ISEarnFromEquitInt=0 ISOtherInc=5.3
ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=0 ISSpecIncCharges=0 EBIT=134.9 ISIntExp=52.1
ISPreTaxIncome=82.8 ISIncTax=21.5 ISMinorInterest=0 ISPrefSecOfSubs=0 ISIncBeforeTax=0
ISNetIncCont=61.3 ISNetIncDis=0 ISNetIncomeTotalOperations=61.3 ISExtRev=0 ISIncAcctgChange=0
ISIncTaxLossForward=0 ISOtherGainLoss=0 ISTotalNetIncome=61.3 ISNormInc=61.3
ISNetIncForCommon=58.1
ISPrefDivs=3.2 ISExciseTax=0 ISEPSCon=3 ISEPSDis=0.12 BasicEPSFromTotalOperations=3.12
ISEPSExtra=0
ISEPSAcctChng=0 ISEPSTaxLoss=0 ISEPSOther=0 BasicEPSTotal=3.12 BaicEPSNorm=3 ISEPSConDil=3
ISEPSDisDil=0.12 DilutedEPSFromTotalOperations=3.12 ISEPSExtraDil=0 ISEPSAcctChngDil=0
ISEPSTaxLossDil=0 ISEPSOtherDil=0 DilutedEPSTotal=3.12 DilutedEPSNormalized=3
DividendsPaidPerShare=3.03 ISRevYTD=637.8 ISNIYTD=61.3 ISEPSTotYTD=3.12 ISDivPerShareYTD=3.03
BSCash=27 BSResCash=0 BSSTSecurs=0 BSAR=112.8 BSLR=0 BSOR=0 BSTotRec=112.8 BSInvRawMat=0
BSInvWIP=0
BSInvPurchComp=0 BSInvFinGoods=0 BSInvOther=0 BSInvAdj=0 BSInv=26.4 BSPrepaidExpenses=0
BSDefTax=0
BSOthCA=99.9 BSTotalCurAssets=266.1 BSLandAndImpr=0 BSBldgAndImpr=0 BSMachFurnEquip=0
BSConstrInProg=0
BSOthFixAss=0 BSTotalFixedAssets=0 BSGrossFixAss=1442.4 BSCumDepr=0 BSNetFixedAss=1442.4
```

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```
BSIntangibles=0 BSCostInExcess=0 BSNonCurrentDeffTaxes=0 BSOthNonCurrAssets=99.3
BSTotNonCurAssets=1541.7 BSTotalAssets=1807.8 InventoryValuationMethod=3 BSAcctsPayable=36.8
BSNotesPayable=0 BSSTDebt=66.9 BSAccrExp=0 BSAccrLiab=0 BSDeffRev=0 BSCurrDeffTax=0
BSOthCurLiab=79.1
BSTotalCurrentLiabilities=182.8 BSLTDebt=601.3 BSCapLeaseObl=0 BSDeffTax=192.4
BSOthNonCurrLiab=221
BSMinorIntLiab=0 BSPrefSecOfSubsLiab=0 BSPrefEquityOutsideLiab=0
BSTotalNonCurrentLiabilities=1014.7
BSTotalLiabilities=1197.5 BSPrefStockEq=48.5 BSCommEq=561.7 BSCommPar=371.2 BSPaidInCap=0
BSCumTransAdj=0 BSRetEarn=272.6 BSTreasStock=0 BSOtherEqAdj=-82.1 BSTotCap=1211.6
BSTotalEquity=610.2
BSTotalLiabilitiesAndStockEquit=1807.7 BSCF=112.2 BSWC=83.3 BSFCF=36.3 BSInvestedCap=1211.5
BSSharesOutCommon=20.8 BSPrefShares=0.5 BSTotOrdShares=0 TotalCommonSharesOut=20.8
BSTreasShares=0
BasicWeightedShares=0 DilutedWeightedShares=0 BSEmps=2587 BSPTEmps=NA CFONetInc=61.3
ISDepreciation=54.1 ISAmortization=0 ISAmortizationOfIntangibles=0 ISDeferredIncomeTaxes=6.2
CFOOpGains=-21.6 CFOExtraGains=0 CFOChgRec=-14.1 CFOChgInv=-5.6 CF_Increase_DecreasePrepaidExpe=0
CFOChgOthCurrAss=0 CFOChgPayables=1.1 CFOChgOthCurrLiab=0 CFOChgOthWC=29.1 CFOOthNonCash=5.9
CFONetCashContOps=116.5 CFONetCashDiscOps=0 CFNetCashFromTotalOperatingActi=116.5 CFISalePPE=37.4
CFISaleLTInvests=0 CFISaleSTInvests=59.3 CFIPurchPPE=-80.2 CFIAcquisitions=0 CFIPurchLTInvests=0
CFIPurchSTInvests=-97.6 CFIChgOthInvests=-10.7 CFICashFromDisc=0
CFNetCashFromInvestingActivitie=-91.8
CFFDebtIssued=55.6 CFFCapStockIssued=1 CFFLTDebtRepay=-26.1 CFFCapStockRePurch=-59.9
CFFDividends=0
CFFOthFinCharges=0 CFFCashFromDiscFinancing=0 CFNetCashFromFinancingActivitie=-29.4
NetCashFlowExchRateChanges=0 NetChangeInCashAndEquivalents=-4.7 NetCashFlowCashBegin=31.7
NetCashFlowCashEnd=27 ForeignSales=0 DomesticSales=0 AuditName=NA AuditReport=NA ClosePE=4.9
HighPE=6.3 LowPE=4.8 GrossMargin=41.3 PreTaxMargin=13 PostTaxMargin=9.6 NetProfit=9.6
InterestCov=2.6
IntAsPctInvCap=4.3 EffTaxRate=26 IncPerEmp=23695 NormClosePE=5.1 NormHighPE=6.6 NormLowPE=5
NormNetProfit=9.6 NormROE=10.9 NormROA=3.4 NormROCI=5.1 NormIncPerEmp=23695 QuickRatio=0.8
CurrentRatio=1.5 PayoutRatio=97 TotDebtToEq=1.19 LTDebtToTotCap=0.5 LeverageRatio=3.2
AssetTurnover=0.4 CashOfRev=4.2 ReceivOfRev=17.7 SGAOfRev=12.5 RDOfRev=0 RevPerCash=23.62
RevPerNetPlant=0.44 RevPerCommonEq=1.14 RevPerInvCap=0.53 RecTurnover=4.1 InvTurnover=15.9
RecPerDaySales=63.67 SalesPerRec=5.65 SalesPerInv=24.16 RevOfAssets=0.4 DaysCOGInInv=23
CurrAssPerShare=12.77 TotAssPerShare=86.78 IntagiblesOfBook=0 InvOfRev=4.1 LTDebtPerShare=28.87
CurrLiabPerShare=8.78 CashPerShare=1.3 LTDebtToEq=1.07 LTDebtOfInvCap=49.6 LTDebtOfTotDebt=50.2
TotDebtToTotAss=66.2 WCOfEquity=14.8 RevPerShare=30.62 BookPerShare=26.96 TangBookPerShare=26.96
PriceToRev=0.49 PriceToEq=0.56 PriceToTang=0.56 WCOfPrice=26.4 WCPerShare=4 CFPerShare=5.39
FCFPerShare=1.74 ROE=10.9 ROCI=5.1 ROA=3.4 PriceOfCF=2.8 PriceOfFCF=8.7 SalesPerEmp=246540
SalesToIndustry=0.9 EarningsToIndustry=0.9 EPSToIndustry=158.4 PriceToIndustry=70.7
PEToIndustry=44.5
PriceBookToIndustry=46.3 PriceSalesToIndustry=50.5 PriceCashflowToIndustry=57.1
PriceFreeCashflowToIndustry=4.8 DebtEquityToIndustry=100 CurrentRatioToIndustry=166.7
GrossProfitMarginToIndustry=93.4 PretaxProfitMarginToIndustry=85
PosttaxProfitMarginToIndustry=102.1
NetProfitMarginToIndustry=101.1 ROEToIndustry=92.4 LeverageToIndustry=97 InfoAvailDate=.
FiscalYearDate=12753 FiscalYear=1994 _ERROR_=1 _N_=19
NOTE: Invalid argument to function INPUT at line 1519 column 15.
Symbol=AVA Name=Avista Corporation LastSale=33.33 MarketCap=2147551390.1 IPOyear=NA
Sector=Public Utilitie Industry=Power Generation Exchange=NYSE
IndFinancialYearEnd=01DEC93:00:00:00
IndDatePrelimLoaded=0000-00-00 IndEarnPeriodInd=F IndQuartInd=4 IndBasicEarningsInd=N
IndTemplate=
IndPrelimFullInd=N IndProjectedFiscDate=0000-00-00 IndNumMonthsSinceLast=12
ISOperatingRevenue=640.6
ISTotRev=640.6 ISAdjToRev=44.2 ISCOGS=313.9 ISCOGSPlusDepr=313.9 ISGrossMargin=0
ISGrossOperatingProfit=282.5 ISRandD=0 ISSGA=55.1 ISAdvertising=0 ISOpInc=0 EBITDA=227.4
ISDepr=66.6
ISDeprUnRec=66.6 ISAmort=0 ISAmortIntan=0 ISOperatingProfitAfterDep=160.8 ISIntIncome=0
ISEarnFromEquitInt=0 ISOtherInc=11.5 ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=0
ISSpecIncCharges=0 EBIT=172.3 ISIntExp=47.1 ISPreTaxIncome=125.2 ISIncTax=42.5 ISMinorInterest=0
ISPrefSecOfSubs=0 ISIncBeforeTax=0 ISNetIncCont=82.8 ISNetIncDis=0
ISNetIncomeTotalOperations=82.8
ISExtRev=0 ISIncAcctgChange=0 ISIncTaxLossForward=0 ISOtherGainLoss=0 ISTotalNetIncome=82.8
ISNormInc=82.8 ISNetIncForCommon=74.5 ISPrefDivs=8.3 ISExciseTax=0 ISEPSCon=1.44 ISEPSDis=0
BasicEPSFromTotalOperations=1.44 ISEPSExtra=0 ISEPSAcctChng=0 ISEPSTaxLoss=0 ISEPSOther=0
BasicEPSTotal=1.44 BaicEPSNorm=1.44 ISEPSConDil=1.44 ISEPSDisDil=0
DilutedEPSFromTotalOperations=1.44
ISEPSExtraDil=0 ISEPSAcctChngDil=0 ISEPSTaxLossDil=0 ISEPSOtherDil=0 DilutedEPSTotal=1.44
DilutedEPSNormalized=1.44 DividendsPaidPerShare=1.24 ISRevYTD=640.6 ISNIYTD=82.8 ISEPSTotYTD=1.44
ISDivPerShareYTD=1.24 BSCash=33.7 BSResCash=0 BSSTSecurs=0 BSAR=0 BSLR=0 BSOR=0 BSTotRec=63.6
BSInvRawMat=0 BSInvWIP=0 BSInvPurchComp=0 BSInvFinGoods=0 BSInvOther=0 BSInvAdj=0 BSInv=15.2
BSPrepaidExpenses=0 BSDefTax=0 BSOthCA=10.2 BSTotalCurAssets=122.7 BSLandAndImpr=0
BSBldgAndImpr=0
BSMachFurnEquip=0 BSConstrInProg=0 BSOthFixAss=0 BSTotalFixedAssets=0 BSGrossFixAss=1723
BSCumDepr=469
BSNetFixedAss=1254 BSIntangibles=0 BSCostInExcess=0 BSNonCurrentDeffTaxes=0
BSOthNonCurrAssets=461.1
BSTotNonCurAssets=1715.1 BSTotalAssets=1837.8 InventoryValuationMethod=3 BSAcctsPayable=33.8
BSNotesPayable=0 BSSTDebt=0 BSAccrExp=0 BSAccrLiab=0 BSDeffRev=0 BSCurrDeffTax=0
BSOthCurLiab=81.2
BSTotalCurrentLiabilities=115 BSLTDebt=647.2 BSCapLeaseObl=0 BSDeffTax=288.9
BSOthNonCurrLiab=16.3
BSMinorIntLiab=1 BSPrefSecOfSubsLiab=0 BSPrefEquityOutsideLiab=0
BSTotalNonCurrentLiabilities=953.4
BSTotalLiabilities=1068.4 BSPrefStockEq=135 BSCommEq=634.4 BSCommPar=0 BSPaidInCap=0
BSCumTransAdj=0
BSRetEarn=112.4 BSTreasStock=0 BSOtherEqAdj=0 BSTotCap=0 BSTotalEquity=769.4
BSTotalLiabilitiesAndStockEquit=1837.8 BSCF=141.1 BSWC=7.7 BSFCF=-21.1 BSInvestedCap=1416.6
BSSharesOutCommon=52.8 BSPrefShares=0 BSTotOrdShares=0 TotalCommonSharesOut=52.8 BSTreasShares=0
```

Srija Gupta
Uin:656331239

BasicWeightedShares=0 DilutedWeightedShares=0 BSEmps=1476 BSPTEmps=NA CFONetInc=82.8
ISDepreciation=66.6 ISAmortization=0 ISAmortizationOfIntangibles=0 ISDeferredIncomeTaxes=7.1
CFOOpGains=0 CFOExtraGains=0 CFOChgRec=1.1 CFOChgInv=-2 CF_Increase_DecreasePrepaidExpe=0
CFOChgOthCurrAss=0 CFOChgPayables=-1.8 CFOChgOthCurrLiab=8.8 CFOChgOthWC=0 CFOOthNonCash=-10.7
CFONetCashContOps=151.8 CFONetCashDiscOps=0 CFNetCashFromTotalOperatingActi=151.8 CFISalePPE=2.7
CFISaleLTInvests=0 CFISaleSTInvests=0 CFIPurchPPE=-111.1 CFIAcquisitions=0 CFIPurchLTInvests=0
CFIPurchSTInvests=0 CFIChgOthInvests=-34.9 CFICashFromDisc=0 CFNetCashFromInvestingActivitie=-
143.3
CFFDebtIssued=314 CFFCapStockIssued=25.9 CFFLTDebtRepay=-270 CFFCapStockRePurch=0 CFFDividends=-
61.8
CFFOthFinCharges=-17.4 CFFCashFromDiscFinancing=0 CFNetCashFromFinancingActivitie=-9.3
NetCashFlowExchRateChanges=0 NetChangeInCashAndEquivalents=-0.8 NetCashFlowCashBegin=34.5
NetCashFlowCashEnd=0 ForeignSales=0 DomesticSales=0 AuditName=NA AuditReport=NA ClosePE=13
HighPE=14.6
LowPE=12.1 GrossMargin=51 PreTaxMargin=19.5 PostTaxMargin=12.9 NetProfit=12.9 InterestCov=3.7
IntAsPctInvCap=3.3 EffTaxRate=33.9 IncPerEmp=56098 NormClosePE=13 NormHighPE=14.6 NormLowPE=12.1
NormNetProfit=12.9 NormROE=13.1 NormROA=4.5 NormROCI=5.8 NormIncPerEmp=56098 QuickRatio=0.8
CurrentRatio=1.1 PayoutRatio=86 TotDebtToEq=1.02 LTDebtToTotCap=0.46 LeverageRatio=2.9
AssetTurnover=0.4 CashOfRev=5.3 ReceivOfRev=9.9 SGAOfRev=8.6 RDOfRev=0 RevPerCash=19.01
RevPerNetPlant=0.51 RevPerCommonEq=1.01 RevPerInvCap=0.45 RecTurnover=12.3 InvTurnover=21.1
RecPerDaySales=35.74 SalesPerRec=10.07 SalesPerInv=42.14 RevOfAssets=0.3 DaysCOGInInv=17
CurrAssPerShare=2.33 TotAssPerShare=34.84 IntagiblesOfBook=0 InvOfRev=2.4 LTDebtPerShare=12.27
CurrLiabPerShare=2.18 CashPerShare=0.64 LTDebtToEq=1.02 LTDebtOfInvCap=45.7 LTDebtOfTotDebt=60.6
TotDebtToTotAss=58.1 WCOfEquity=1.2 RevPerShare=12.14 BookPerShare=12.02 TangBookPerShare=12.02
PriceToRev=1.54 PriceToEq=1.56 PriceToTang=1.56 WCOfPrice=0.8 WCPerShare=0.15 CFPerShare=2.67
FCFPerShare=-0.4 ROE=13.1 ROCI=5.8 ROA=4.5 PriceOfCF=7 PriceOfFCF=-46.9 SalesPerEmp=434011
SalesToIndustry=0.9 EarningsToIndustry=1.2 EPSToIndustry=74.2 PriceToIndustry=70.7
PEToIndustry=94.2
PriceBookToIndustry=102 PriceSalesToIndustry=127.3 PriceCashflowToIndustry=109.4
PriceFreeCashflowToIndustry=73.6 DebtEquityToIndustry=91.9 CurrentRatioToIndustry=122.2
GrossProfitMarginToIndustry=120.9 PretaxProfitMarginToIndustry=127.5
PosttaxProfitMarginToIndustry=137.2 NetProfitMarginToIndustry=137.2 ROEToIndustry=110.1
LeverageToIndustry=85.3 InfoAvailDate=. FiscalYearDate=12388 FiscalYear=1993 _ERROR_=1 _N_=39
NOTE: Invalid argument to function INPUT at line 1519 column 15.
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Sector=Public Utilitie Industry=Power Generation Exchange=NYSE
IndFinancialYearEnd=01DEC94:00:00:00
IndDatePrelimLoaded=0000-00-00 IndEarnPeriodInd=F IndQuartInd=4 IndBasicEarningsInd=Y
IndTemplate=U
IndPrelimFullInd=N IndProjectedFiscDate=0000-00-00 IndNumMonthsSinceLast=12
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ISTotRev=0 ISAdjToRev=45.4 ISCOGS=340.3 ISCOGSPlusDepr=340.3 ISGrossMargin=0
ISGrossOperatingProfit=285.1 ISRandD=0 ISSGA=59.6 ISAdvertising=0 ISOpInc=0 EBITDA=225.5
ISDepr=69.9
ISDeprUnRec=69.9 ISAmort=0 ISAmortIntan=0 ISOperatingProfitAfterDep=155.6 ISIntIncome=0
ISEarnFromEquitInt=0 ISOtherInc=15.8 ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=0
ISSpecIncCharges=0 EBIT=171.4 ISIntExp=49.4 ISPreTaxIncome=122 ISIncTax=44.7 ISMinorInterest=0
ISPrefSecOfSubs=0 ISIncBeforeTax=0 ISNetIncCont=77.2 ISNetIncDis=0
ISNetIncomeTotalOperations=77.2
ISExtRev=0 ISIncAcctgChange=0 ISIncTaxLossForward=0 ISOtherGainLoss=0 ISTotalNetIncome=77.2
ISNormInc=77.2 ISNetIncForCommon=68.5 ISPrefDivs=8.7 ISExciseTax=0 ISEPSCon=1.28 ISEPSDis=0
BasicEPSFromTotalOperations=1.28 ISEPSExtra=0 ISEPSAcctChng=0 ISEPSTaxLoss=0 ISEPSOther=0
BasicEPSTotal=1.28 BaicEPSNorm=1.28 ISEPSConDil=1.28 ISEPSDisDil=0
DilutedEPSFromTotalOperations=1.28
ISEPSExtraDil=0 ISEPSAcctChngDil=0 ISEPSTaxLossDil=0 ISEPSOtherDil=0 DilutedEPSTotal=1.28
DilutedEPSNormalized=1.28 DividendsPaidPerShare=1.24 ISRevYTD=670.8 ISNIYTD=77.2 ISEPSTotYTD=1.28
ISDivPerShareYTD=1.24 BSCash=5.2 BSResCash=0 BSSTSecurs=0 BSAR=74.5 BSLR=0 BSOR=0 BSTotRec=74.5
BSInvRawMat=0 BSInvWIP=0 BSInvPurchComp=0 BSInvFinGoods=0 BSInvOther=0 BSInvAdj=0 BSInv=21.4
BSPrepaidExpenses=0 BSDefTax=0 BSOthCA=35.5 BSTotalCurAssets=136.6 BSLandAndImpr=0
BSBldgAndImpr=0
BSMachFurnEquip=0 BSConstrInProg=0 BSOthFixAss=0 BSTotalFixedAssets=0 BSGrossFixAss=1829.6
BSCumDepr=500.6 BSNetFixedAss=1329 BSIntangibles=0 BSCostInExcess=0 BSNonCurrentDeffTaxes=0
BSOthNonCurrAssets=528.6 BSTotNonCurAssets=1857.6 BSTotalAssets=1994.3 InventoryValuationMethod=3
BSAcctsPayable=46.2 BSNotesPayable=0 BSSTDebt=0 BSAccrExp=0 BSAccrLiab=0 BSDeffRev=0
BSCurrDeffTax=0
BSOthCurLiab=86.4 BSTotalCurrentLiabilities=132.5 BSLTDebt=721.1 BSCapLeaseObl=0 BSDeffTax=310.2
BSOthNonCurrLiab=16.8 BSMinorIntLiab=1.2 BSPrefSecOfSubsLiab=0 BSPrefEquityOutsideLiab=0
BSTotalNonCurrentLiabilities=1049.3 BSTotalLiabilities=1181.9 BSPrefStockEq=135 BSCommEq=677.5
BSCommPar=570.6 BSPaidInCap=0 BSCumTransAdj=0 BSRetEarn=114.8 BSTreasStock=0 BSOtherEqAdj=-8
BSTotCap=1533.6 BSTotalEquity=812.5 BSTotalLiabilitiesAndStockEquit=1994.4 BSCF=138.4 BSWC=4
BSFCF=-36
BSInvestedCap=1533.6 BSSharesOutCommon=54.4 BSPrefShares=0 BSTotOrdShares=0
TotalCommonSharesOut=54.4
BSTreasShares=0 BasicWeightedShares=0 DilutedWeightedShares=0 BSEmps=1420 BSPTEmps=NA
CFONetInc=77.2
ISDepreciation=69.9 ISAmortization=0 ISAmortizationOfIntangibles=0 ISDeferredIncomeTaxes=15.4
CFOOpGains=0.7 CFOExtraGains=0 CFOChgRec=-12.5 CFOChgInv=-1.9 CF_Increase_DecreasePrepaidExpe=0
CFOChgOthCurrAss=0 CFOChgPayables=4.3 CFOChgOthCurrLiab=0 CFOChgOthWC=-8.3 CFOOthNonCash=0
CFONetCashContOps=144.8 CFONetCashDiscOps=0 CFNetCashFromTotalOperatingActi=144.8 CFISalePPE=0
CFISaleLTInvests=0 CFISaleSTInvests=0 CFIPurchPPE=-117.4 CFIAcquisitions=0 CFIPurchLTInvests=0
CFIPurchSTInvests=0 CFIChgOthInvests=-65.5 CFICashFromDisc=0 CFNetCashFromInvestingActivitie=-
182.9
CFFDebtIssued=88 CFFCapStockIssued=14.9 CFFLTDebtRepay=-17.5 CFFCapStockRePurch=0 CFFDividends=-
63.4
CFFOthFinCharges=10.1 CFFCashFromDiscFinancing=0 CFNetCashFromFinancingActivitie=32.1
NetCashFlowExchRateChanges=0 NetChangeInCashAndEquivalents=-6 NetCashFlowCashBegin=11.2
NetCashFlowCashEnd=5.2 ForeignSales=0 DomesticSales=0 AuditName=NA AuditReport=NA ClosePE=10.7
HighPE=14.7 LowPE=10.6 GrossMargin=49.3 PreTaxMargin=18.2 PostTaxMargin=11.5 NetProfit=11.5
InterestCov=3.5 IntAsPctInvCap=3.2 EffTaxRate=36.6 IncPerEmp=54366 NormClosePE=10.7
NormHighPE=14.7
NormLowPE=10.6 NormNetProfit=11.5 NormROE=11.4 NormROA=3.9 NormROCI=5 NormIncPerEmp=54366

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```
QuickRatio=0.6 CurrentRatio=1 PayoutRatio=97 TotDebtToEq=1.06 LTDebtToTotCap=0.47
LeverageRatio=2.9
AssetTurnover=0.4 CashOfRev=0.8 ReceivOfRev=11.1 SGAOfRev=8.9 RDOfRev=0 RevPerCash=129
RevPerNetPlant=0.5 RevPerCommonEq=0.99 RevPerInvCap=0.44 RecTurnover=9.7 InvTurnover=18.6
RecPerDaySales=39.98 SalesPerRec=9 SalesPerInv=31.35 RevOfAssets=0.3 DaysCOGInInv=19
CurrAssPerShare=2.51 TotAssPerShare=36.65 IntagiblesOfBook=0 InvOfRev=3.2 LTDebtPerShare=13.25
CurrLiabPerShare=2.43 CashPerShare=0.1 LTDebtToEq=1.06 LTDebtOfInvCap=47 LTDebtOfTotDebt=61
TotDebtToTotAss=59.3 WCOfEquity=0.6 RevPerShare=12.33 BookPerShare=12.45 TangBookPerShare=12.45
PriceToRev=1.12 PriceToEq=1.1 PriceToTang=1.1 WCOfPrice=0.5 WCPerShare=0.07 CFPerShare=2.54
FCFPerShare=-0.66 ROE=11.4 ROCI=5 ROA=3.9 PriceOfCF=5.4 PriceOfFCF=-20.8 SalesPerEmp=472394
SalesToIndustry=0.9 EarningsToIndustry=1.1 EPSToIndustry=65 PriceToIndustry=64.2
PEToIndustry=97.3
PriceBookToIndustry=90.9 PriceSalesToIndustry=115.5 PriceCashflowToIndustry=110.2
PriceFreeCashflowToIndustry=-11.6 DebtEquityToIndustry=99.1 CurrentRatioToIndustry=111.1
GrossProfitMarginToIndustry=111.5 PretaxProfitMarginToIndustry=119
PosttaxProfitMarginToIndustry=122.3
NetProfitMarginToIndustry=121.1 ROEToIndustry=96.6 LeverageToIndustry=87.9 InfoAvailDate=.
FiscalYearDate=12753 FiscalYear=1994 _ERROR_=1 _N_=40
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Sector=Public Utilitie Industry=Power Generation Exchange=NYSE
IndFinancialYearEnd=01DEC93:00:00:00
IndDatePrelimLoaded=0000-00-00 IndEarnPeriodInd=F IndQuartInd=4 IndBasicEarningsInd=N
IndTemplate=
IndPrelimFullInd=N IndProjectedFiscDate=0000-00-00 IndNumMonthsSinceLast=12
ISOperatingRevenue=3482
ISTotRev=3482 ISAdjToRev=193 ISCOGS=2485 ISCOGSPlusDepr=2485 ISGrossMargin=0
ISGrossOperatingProfit=804 ISRandD=0 ISSGA=0 ISAdvertising=0 ISOpInc=0 EBITDA=804 ISDepr=365
ISDeprUnRec=365 ISAmort=0 ISAmortIntan=0 ISOperatingProfitAfterDep=439 ISIntIncome=0
ISEarnFromEquitInt=0 ISOtherInc=42 ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=0
ISSpecIncCharges=0 EBIT=481 ISIntExp=234 ISPreTaxIncome=247 ISIncTax=92 ISMinorInterest=0
ISPrefSecOfSubs=0 ISIncBeforeTax=0 ISNetIncCont=155 ISNetIncDis=0 ISNetIncomeTotalOperations=155
ISExtRev=0 ISIncAcctgChange=0 ISIncTaxLossForward=0 ISOtherGainLoss=0 ISTotalNetIncome=155
ISNormInc=155 ISNetIncForCommon=155 ISPrefDivs=0 ISExciseTax=0 ISEPSCon=1.9 ISEPSDis=0
BasicEPSFromTotalOperations=1.9 ISEPSExtra=0 ISEPSAcctChng=0 ISEPSTaxLoss=0 ISEPSOther=0
BasicEPSTotal=1.9 BaicEPSNorm=1.9 ISEPSConDil=1.9 ISEPSDisDil=0 DilutedEPSFromTotalOperations=1.9
ISEPSExtraDil=0 ISEPSAcctChngDil=0 ISEPSTaxLossDil=0 ISEPSOtherDil=0 DilutedEPSTotal=1.9
DilutedEPSNormalized=1.9 DividendsPaidPerShare=0.6 ISRevYTD=3482 ISNIYTD=155 ISEPSTotYTD=1.9
ISDivPerShareYTD=0.6 BSCash=55 BSResCash=0 BSSTSecurs=0 BSAR=0 BSLR=0 BSOR=0 BSTotRec=149
BSInvRawMat=0 BSInvWIP=0 BSInvPurchComp=0 BSInvFinGoods=0 BSInvOther=0 BSInvAdj=0 BSInv=343
BSPrepaidExpenses=0 BSDefTax=0 BSOthCA=236 BSTotalCurAssets=783 BSLandAndImpr=0 BSBldgAndImpr=0
BSMachFurnEquip=0 BSConstrInProg=0 BSOthFixAss=0 BSTotalFixedAssets=0 BSGrossFixAss=8605
BSCumDepr=4022 BSNetFixedAss=4583 BSIntangibles=0 BSCostInExcess=0 BSNonCurrentDeffTaxes=0
BSOthNonCurrAssets=1598 BSTotNonCurAssets=6181 BSTotalAssets=6964 InventoryValuationMethod=3
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BSCurrDeffTax=0
BSOthCurLiab=572 BSTotalCurrentLiabilities=1416 BSLTDebt=2520 BSCapLeaseObl=0 BSDeffTax=509
BSOthNonCurrLiab=1390 BSMinorIntLiab=0 BSPrefSecOfSubsLiab=0 BSPrefEquityOutsideLiab=0
BSTotalNonCurrentLiabilities=4419 BSTotalLiabilities=5835 BSPrefStockEq=163 BSCommEq=966
BSCommPar=0
BSPaidInCap=0 BSCumTransAdj=0 BSRetEarn=-707 BSTreasStock=0 BSOtherEqAdj=0 BSTotCap=0
BSTotalEquity=1129 BSTotalLiabilitiesAndStockEquit=6964 BSCF=520 BSWC=-633 BSFCF=-113
BSInvestedCap=3649 BSSharesOutCommon=85.2 BSPrefShares=1.6 BSTotOrdShares=0
TotalCommonSharesOut=85.2
BSTreasShares=0 BasicWeightedShares=0 DilutedWeightedShares=0 BSEmps=10013 BSPTEmps=NA
CFONetInc=155
ISDepreciation=365 ISAmortization=0 ISAmortizationOfIntangibles=0 ISDeferredIncomeTaxes=66
CFOOpGains=-6 CFOExtraGains=0 CFOChgRec=0 CFOChgInv=0 CF_Increase_DecreasePrepaidExpe=0
CFOChgOthCurrAss=0 CFOChgPayables=0 CFOChgOthCurrLiab=-87 CFOChgOthWC=0 CFOOthNonCash=-9
CFONetCashContOps=484 CFONetCashDiscOps=0 CFNetCashFromTotalOperatingActi=484 CFISalePPE=0
CFISaleLTInvests=0 CFISaleSTInvests=0 CFIPurchPPE=-548 CFIAcquisitions=0 CFIPurchLTInvests=0
CFIPurchSTInvests=0 CFIChgOthInvests=59 CFICashFromDisc=0 CFNetCashFromInvestingActivitie=-489
CFFDebtIssued=720 CFFCapStockIssued=132 CFFLTDebtRepay=-863 CFFCapStockRePurch=-3 CFFDividends=-
49
CFFOthFinCharges=0 CFFCashFromDiscFinancing=0 CFNetCashFromFinancingActivitie=-63
NetCashFlowExchRateChanges=0 NetChangeInCashAndEquivalents=-68 NetCashFlowCashBegin=123
NetCashFlowCashEnd=0 ForeignSales=0 DomesticSales=0 AuditName=NA AuditReport=NA ClosePE=13.2
HighPE=14.5 LowPE=9.4 GrossMargin=28.6 PreTaxMargin=7.1 PostTaxMargin=4.5 NetProfit=4.5
InterestCov=2.1 IntAsPctInvCap=6.4 EffTaxRate=37.2 IncPerEmp=15480 NormClosePE=13.2
NormHighPE=14.5
NormLowPE=9.4 NormNetProfit=4.5 NormROE=16 NormROA=2.2 NormROCI=4.2 NormIncPerEmp=15480
QuickRatio=0.1
CurrentRatio=0.6 PayoutRatio=32 TotDebtToEq=3.26 LTDebtToTotCap=0.69 LeverageRatio=7.2
AssetTurnover=0.5 CashOfRev=1.6 ReceivOfRev=4.3 SGAOfRev=0 RDOfRev=0 RevPerCash=63.31
RevPerNetPlant=0.76 RevPerCommonEq=3.6 RevPerInvCap=0.95 RecTurnover=21 InvTurnover=7.6
RecPerDaySales=15.4 SalesPerRec=23.37 SalesPerInv=10.15 RevOfAssets=0.5 DaysCOGInInv=47
CurrAssPerShare=9.19 TotAssPerShare=81.74 IntagiblesOfBook=0 InvOfRev=9.9 LTDebtPerShare=29.58
CurrLiabPerShare=16.62 CashPerShare=0.65 LTDebtToEq=2.61 LTDebtOfInvCap=69.1 LTDebtOfTotDebt=43.2
TotDebtToTotAss=83.8 WCOfEquity=-65.5 RevPerShare=40.87 BookPerShare=11.34 TangBookPerShare=11.34
PriceToRev=0.61 PriceToEq=2.22 PriceToTang=2.22 WCOfPrice=-29.6 WCPerShare=-7.43 CFPerShare=6.1
FCFPerShare=-1.33 ROE=16 ROCI=4.2 ROA=2.2 PriceOfCF=4.1 PriceOfFCF=-18.9 SalesPerEmp=347748
SalesToIndustry=4.9 EarningsToIndustry=2.3 EPSToIndustry=97.9 PriceToIndustry=94.8
PEToIndustry=95.7
PriceBookToIndustry=145.1 PriceSalesToIndustry=50.4 PriceCashflowToIndustry=64.1
PriceFreeCashflowToIndustry=29.7 DebtEquityToIndustry=235.1 CurrentRatioToIndustry=66.7
GrossProfitMarginToIndustry=67.8 PretaxProfitMarginToIndustry=46.4
PosttaxProfitMarginToIndustry=47.9
NetProfitMarginToIndustry=47.9 ROEToIndustry=134.5 LeverageToIndustry=211.8 InfoAvailDate=.
FiscalYearDate=12388 FiscalYear=1993 _ERROR_=1 _N_=60
NOTE: Invalid argument to function INPUT at line 1519 column 15.
Symbol=CMS Name=CMS Energy Corporation LastSale=30.59 MarketCap=8444748663.1 IPOyear=NA
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Uin:656331239

```
Sector=Public Utilitie Industry=Power Generation Exchange=NYSE
IndFinancialYearEnd=01DEC94:00:00:00
IndDatePrelimLoaded=0000-00-00 IndEarnPeriodInd=F IndQuartInd=4 IndBasicEarningsInd=Y
IndTemplate=U
IndPrelimFullInd=N IndProjectedFiscDate=0000-00-00 IndNumMonthsSinceLast=12
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ISTotRev=0 ISAdjToRev=184 ISCOGS=2479 ISCOGSPlusDepr=2479 ISGrossMargin=0
ISGrossOperatingProfit=956
ISRandD=0 ISSGA=0 ISAdvertising=0 ISOpInc=0 EBITDA=956 ISDepr=452 ISDeprUnRec=452 ISAmort=0
ISAmortIntan=0 ISOperatingProfitAfterDep=504 ISIntIncome=0 ISEarnFromEquitInt=0 ISOtherInc=8
ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=0 ISSpecIncCharges=0 EBIT=512 ISIntExp=205
ISPreTaxIncome=307 ISIncTax=104 ISMinorInterest=24 ISPrefSecOfSubs=0 ISIncBeforeTax=0
ISNetIncCont=179
ISNetIncDis=0 ISNetIncomeTotalOperations=179 ISExtRev=0 ISIncAcctgChange=0 ISIncTaxLossForward=0
ISOtherGainLoss=0 ISTotalNetIncome=179 ISNormInc=179 ISNetIncForCommon=179 ISPrefDivs=0
ISExciseTax=0
ISEPSCon=2.09 ISEPSDis=0 BasicEPSFromTotalOperations=2.09 ISEPSExtra=0 ISEPSAcctChng=0
ISEPSTaxLoss=0
ISEPSOther=0 BasicEPSTotal=2.09 BaicEPSNorm=2.09 ISEPSConDil=2.08 ISEPSDisDil=0
DilutedEPSFromTotalOperations=2.08 ISEPSExtraDil=0 ISEPSAcctChngDil=0 ISEPSTaxLossDil=0
ISEPSOtherDil=0 DilutedEPSTotal=2.08 DilutedEPSNormalized=2.08 DividendsPaidPerShare=0.78
ISRevYTD=3619 ISNIYTD=179 ISEPSTotYTD=2.08 ISDivPerShareYTD=0.78 BSCash=79 BSResCash=0
BSSTSecurs=0
BSAR=154 BSLR=0 BSOR=0 BSTotRec=154 BSInvRawMat=0 BSInvWIP=0 BSInvPurchComp=0 BSInvFinGoods=0
BSInvOther=0 BSInvAdj=0 BSInv=347 BSPrepaidExpenses=0 BSDefTax=0 BSOthCA=250 BSTotalCurAssets=830
BSLandAndImpr=0 BSBldgAndImpr=0 BSMachFurnEquip=0 BSConstrInProg=0 BSOthFixAss=0
BSTotalFixedAssets=0
BSGrossFixAss=9125 BSCumDepr=4299 BSNetFixedAss=4826 BSIntangibles=0 BSCostInExcess=0
BSNonCurrentDeffTaxes=0 BSOthNonCurrAssets=1728 BSTotNonCurAssets=6554 BSTotalAssets=7384
InventoryValuationMethod=3 BSAcctsPayable=243 BSNotesPayable=0 BSSTDebt=403 BSAccrExp=0
BSAccrLiab=0
BSDeffRev=0 BSCurrDeffTax=0 BSOthCurLiab=575 BSTotalCurrentLiabilities=1221 BSLTDebt=2817
BSCapLeaseObl=0 BSDeffTax=582 BSOthNonCurrLiab=1301 BSMinorIntLiab=356 BSPrefSecOfSubsLiab=0
BSPrefEquityOutsideLiab=0 BSTotalNonCurrentLiabilities=5056 BSTotalLiabilities=6277
BSPrefStockEq=0
BSCommEq=1107 BSCommPar=1 BSPaidInCap=1701 BSCumTransAdj=0 BSRetEarn=-595 BSTreasStock=0
BSOtherEqAdj=0 BSTotCap=4280 BSTotalEquity=1107 BSTotalLiabilitiesAndStockEquit=7384 BSCF=631
BSWC=-391 BSFCF=-30 BSInvestedCap=3924 BSSharesOutCommon=86.5 BSPrefShares=1.6 BSTotOrdShares=0
TotalCommonSharesOut=86.5 BSTreasShares=0 BasicWeightedShares=0 DilutedWeightedShares=0
BSEmps=9972
BSPTEmps=NA CFONetInc=179 ISDepreciation=452 ISAmortization=0 ISAmortizationOfIntangibles=0
ISDeferredIncomeTaxes=56 CFOOpGains=-65 CFOExtraGains=0 CFOChgRec=0 CFOChgInv=0
CF_Increase_DecreasePrepaidExpe=0 CFOChgOthCurrAss=0 CFOChgPayables=0 CFOChgOthCurrLiab=0
CFOChgOthWC=12 CFOOthNonCash=-22 CFONetCashContOps=612 CFONetCashDiscOps=0
CFNetCashFromTotalOperatingActi=612 CFISalePPE=20 CFISaleLTInvests=0 CFISaleSTInvests=0
CFIPurchPPE=-575 CFIAcquisitions=0 CFIPurchLTInvests=0 CFIPurchSTInvests=-102 CFIChgOthInvests=-
52
CFICashFromDisc=0 CFNetCashFromInvestingActivitie=-709 CFFDebtIssued=781 CFFCapStockIssued=223
CFFLTDebtRepay=-787 CFFCapStockRePurch=-2 CFFDividends=-67 CFFOthFinCharges=0
CFFCashFromDiscFinancing=0 CFNetCashFromFinancingActivitie=148 NetCashFlowExchRateChanges=0
NetChangeInCashAndEquivalents=51 NetCashFlowCashBegin=28 NetCashFlowCashEnd=79 ForeignSales=0
DomesticSales=0 AuditName=NA AuditReport=NA ClosePE=11 HighPE=12 LowPE=9.4 GrossMargin=31.5
PreTaxMargin=8.5 PostTaxMargin=4.9 NetProfit=4.9 InterestCov=2.4 IntAsPctInvCap=5.2
EffTaxRate=33.9
IncPerEmp=17950 NormClosePE=11 NormHighPE=12 NormLowPE=9.4 NormNetProfit=4.9 NormROE=16.2
NormROA=2.4
NormROCI=4.6 NormIncPerEmp=17950 QuickRatio=0.2 CurrentRatio=0.7 PayoutRatio=38 TotDebtToEq=2.91
LTDebtToTotCap=0.72 LeverageRatio=6.7 AssetTurnover=0.5 CashOfRev=2.2 ReceivOfRev=4.3 SGAOfRev=0
RDOfRev=0 RevPerCash=45.81 RevPerNetPlant=0.75 RevPerCommonEq=3.27 RevPerInvCap=0.92
RecTurnover=23.9
InvTurnover=7.2 RecPerDaySales=15.32 SalesPerRec=23.5 SalesPerInv=10.43 RevOfAssets=0.5
DaysCOGInInv=50 CurrAssPerShare=9.59 TotAssPerShare=85.33 IntagiblesOfBook=0 InvOfRev=9.6
LTDebtPerShare=32.55 CurrLiabPerShare=14.11 CashPerShare=0.91 LTDebtToEq=2.54 LTDebtOfInvCap=71.8
LTDebtOfTotDebt=44.9 TotDebtToTotAss=85 WCOfEquity=-35.3 RevPerShare=41.82 BookPerShare=12.79
TangBookPerShare=12.79 PriceToRev=0.55 PriceToEq=1.79 PriceToTang=1.79 WCOfPrice=-19.8
WCPerShare=-4.52 CFPerShare=7.29 FCFPerShare=-0.35 ROE=16.2 ROCI=4.6 ROA=2.4 PriceOfCF=3.1
PriceOfFCF=-65.4 SalesPerEmp=362916 SalesToIndustry=4.9 EarningsToIndustry=2.6
EPSToIndustry=105.6
PriceToIndustry=106.7 PEToIndustry=100 PriceBookToIndustry=147.9 PriceSalesToIndustry=56.7
PriceCashflowToIndustry=63.3 PriceFreeCashflowToIndustry=-36.4 DebtEquityToIndustry=237.4
CurrentRatioToIndustry=77.8 GrossProfitMarginToIndustry=71.3 PretaxProfitMarginToIndustry=55.6
PosttaxProfitMarginToIndustry=52.1 NetProfitMarginToIndustry=51.6 ROEToIndustry=137.3
LeverageToIndustry=203 InfoAvailDate=. FiscalYearDate=12753 FiscalYear=1994 _ERROR_=1 _N_=61
NOTE: Invalid argument to function INPUT at line 1519 column 15.
Symbol=DUK Name=Duke Energy Corporation LastSale=78.17 MarketCap=55287426835 IPOyear=NA
Sector=Public Utilitie Industry=Power Generation Exchange=NYSE
IndFinancialYearEnd=01DEC93:00:00:00
IndDatePrelimLoaded=0000-00-00 IndEarnPeriodInd=F IndQuartInd=4 IndBasicEarningsInd=N
IndTemplate=
IndPrelimFullInd=N IndProjectedFiscDate=0000-00-00 IndNumMonthsSinceLast=12
ISOperatingRevenue=4281.9
ISTotRev=4281.9 ISAdjToRev=231.7 ISCOGS=1474.1 ISCOGSPlusDepr=1474.1 ISGrossMargin=0
ISGrossOperatingProfit=2576.1 ISRandD=0 ISSGA=702 ISAdvertising=0 ISOpInc=0 EBITDA=1874.1
ISDepr=657.1
ISDeprUnRec=657.1 ISAmort=0 ISAmortIntan=0 ISOperatingProfitAfterDep=1217 ISIntIncome=0
ISEarnFromEquitInt=0 ISOtherInc=71.3 ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=0
ISSpecIncCharges=0 EBIT=1288.3 ISIntExp=258.9 ISPreTaxIncome=1029.4 ISIncTax=403
ISMinorInterest=0
ISPrefSecOfSubs=0 ISIncBeforeTax=0 ISNetIncCont=626.4 ISNetIncDis=0
ISNetIncomeTotalOperations=626.4
ISExtRev=0 ISIncAcctgChange=0 ISIncTaxLossForward=0 ISOtherGainLoss=0 ISTotalNetIncome=626.4
```

Srija Gupta
Uin:656331239

```
ISNormInc=626.4 ISNetIncForCommon=574 ISPrefDivs=52.4 ISExciseTax=0 ISEPSCon=1.06 ISEPSDis=0
BasicEPSFromTotalOperations=1.06 ISEPSExtra=0 ISEPSAcctChng=0 ISEPSTaxLoss=0 ISEPSOther=0
BasicEPSTotal=1.06 BaicEPSNorm=1.06 ISEPSConDil=1.06 ISEPSDisDil=0
DilutedEPSFromTotalOperations=1.06
ISEPSExtraDil=0 ISEPSAcctChngDil=0 ISEPSTaxLossDil=0 ISEPSOtherDil=0 DilutedEPSTotal=1.06
DilutedEPSNormalized=1.06 DividendsPaidPerShare=0.92 ISRevYTD=4281.9 ISNIYTD=626.4
ISEPSTotYTD=1.06
ISDivPerShareYTD=0.92 BSCash=15.6 BSResCash=0 BSSTSecurs=0 BSAR=0 BSLR=0 BSOR=0 BSTotRec=531.6
BSInvRawMat=0 BSInvWIP=0 BSInvPurchComp=0 BSInvFinGoods=0 BSInvOther=0 BSInvAdj=0 BSInv=268.9
BSPrepaidExpenses=0 BSDefTax=0 BSOthCA=132.7 BSTotalCurAssets=948.8 BSLandAndImpr=0
BSBldgAndImpr=0
BSMachFurnEquip=0 BSConstrInProg=0 BSOthFixAss=0 BSTotalFixedAssets=0 BSGrossFixAss=13761.4
BSCumDepr=4837.3 BSNetFixedAss=8924.1 BSIntangibles=0 BSCostInExcess=0 BSNonCurrentDeffTaxes=0
BSOthNonCurrAssets=2320.2 BSTotNonCurAssets=11244.3 BSTotalAssets=12193.1
InventoryValuationMethod=3
BSAcctsPayable=337.4 BSNotesPayable=0 BSSTDebt=109.9 BSAccrExp=0 BSAccrLiab=0 BSDeffRev=0
BSCurrDeffTax=0 BSOthCurLiab=362.9 BSTotalCurrentLiabilities=810.2 BSLTDebt=3285.4
BSCapLeaseObl=0
BSDeffTax=2207.7 BSOthNonCurrLiab=771.1 BSMinorIntLiab=0 BSPrefSecOfSubsLiab=0
BSPrefEquityOutsideLiab=0 BSTotalNonCurrentLiabilities=6264.2 BSTotalLiabilities=7074.4
BSPrefStockEq=781 BSCommEq=4337.7 BSCommPar=0 BSPaidInCap=0 BSCumTransAdj=0 BSRetEarn=2410.8
BSTreasStock=0 BSOtherEqAdj=0 BSTotCap=0 BSTotalEquity=5118.7
BSTotalLiabilitiesAndStockEquit=12193.1
BSCF=1231.1 BSWC=138.6 BSFCF=362.1 BSInvestedCap=8404.1 BSSharesOutCommon=409.7 BSPrefShares=12.6
BSTotOrdShares=0 TotalCommonSharesOut=409.7 BSTreasShares=0 BasicWeightedShares=0
DilutedWeightedShares=0 BSEmps=18274 BSPTEmps=NA CFONetInc=626.4 ISDepreciation=657.1
ISAmortization=0
ISAmortizationOfIntangibles=0 ISDeferredIncomeTaxes=56.3 CFOOpGains=-37.3 CFOExtraGains=0
CFOChgRec=-36.9 CFOChgInv=29.2 CF_Increase_DecreasePrepaidExpe=0 CFOChgOthCurrAss=-0.5
CFOChgPayables=-54.3 CFOChgOthCurrLiab=56.8 CFOChgOthWC=0 CFOOthNonCash=36.9
CFONetCashContOps=1333.6
CFONetCashDiscOps=0 CFNetCashFromTotalOperatingActi=1333.6 CFISalePPE=0 CFISaleLTInvests=0
CFISaleSTInvests=0 CFIPurchPPE=-543.6 CFIAcquisitions=0 CFIPurchLTInvests=0 CFIPurchSTInvests=-
12.3
CFIChgOthInvests=-214.2 CFICashFromDisc=0 CFNetCashFromInvestingActivitie=-770.2
CFFDebtIssued=1471.9
CFFCapStockIssued=215.6 CFFLTDebtRepay=-1586.6 CFFCapStockRePurch=-224.3 CFFDividends=-427.9
CFFOthFinCharges=-5.9 CFFCashFromDiscFinancing=0 CFNetCashFromFinancingActivitie=-557.2
NetCashFlowExchRateChanges=0 NetChangeInCashAndEquivalents=6.3 NetCashFlowCashBegin=9.3
NetCashFlowCashEnd=0 ForeignSales=0 DomesticSales=0 AuditName=NA AuditReport=NA ClosePE=20
HighPE=21.2
LowPE=16.7 GrossMargin=65.6 PreTaxMargin=24 PostTaxMargin=14.6 NetProfit=14.6 InterestCov=5
IntAsPctInvCap=3.1 EffTaxRate=39.1 IncPerEmp=34278 NormClosePE=20 NormHighPE=21.2 NormLowPE=16.7
NormNetProfit=14.6 NormROE=14.4 NormROA=5.1 NormROCI=7.5 NormIncPerEmp=34278 QuickRatio=0.7
CurrentRatio=1.2 PayoutRatio=87 TotDebtToEq=0.78 LTDebtToTotCap=0.39 LeverageRatio=2.8
AssetTurnover=0.4 CashOfRev=0.4 ReceivOfRev=12.4 SGAOfRev=16.4 RDOfRev=0 RevPerCash=274.48
RevPerNetPlant=0.48 RevPerCommonEq=0.99 RevPerInvCap=0.51 RecTurnover=8.3 InvTurnover=5.2
RecPerDaySales=44.69 SalesPerRec=8.05 SalesPerInv=15.92 RevOfAssets=0.4 DaysCOGInInv=69
CurrAssPerShare=2.32 TotAssPerShare=29.76 IntagiblesOfBook=0 InvOfRev=6.3 LTDebtPerShare=8.02
CurrLiabPerShare=1.98 CashPerShare=0.04 LTDebtToEq=0.76 LTDebtOfInvCap=39.1 LTDebtOfTotDebt=46.4
TotDebtToTotAss=58 WCOfEquity=3.2 RevPerShare=10.45 BookPerShare=10.59 TangBookPerShare=10.59
PriceToRev=2.03 PriceToEq=2 PriceToTang=2 WCOfPrice=1.6 WCPerShare=0.34 CFPerShare=3
FCFPerShare=0.88
ROE=14.4 ROCI=7.5 ROA=5.1 PriceOfCF=7.1 PriceOfFCF=24.1 SalesPerEmp=234317 SalesToIndustry=3.8
EarningsToIndustry=6.1 EPSToIndustry=58.2 PriceToIndustry=64.5 PEToIndustry=110.5
PriceBookToIndustry=107 PriceSalesToIndustry=123.8 PriceCashflowToIndustry=88.8
PriceFreeCashflowToIndustry=14.3 DebtEquityToIndustry=66.7 CurrentRatioToIndustry=150
GrossProfitMarginToIndustry=155.1 PretaxProfitMarginToIndustry=156.9
PosttaxProfitMarginToIndustry=158.7 NetProfitMarginToIndustry=158.7 ROEToIndustry=137.1
LeverageToIndustry=80 InfoAvailDate=. FiscalYearDate=12388 FiscalYear=1993 _ERROR_=1 _N_=81
NOTE: Invalid argument to function INPUT at line 1519 column 15.
Symbol=DUK Name=Duke Energy Corporation LastSale=78.17 MarketCap=55287426835 IPOyear=NA
Sector=Public Utilitie Industry=Power Generation Exchange=NYSE
IndFinancialYearEnd=01DEC94:00:00:00
IndDatePrelimLoaded=0000-00-00 IndEarnPeriodInd=F IndQuartInd=4 IndBasicEarningsInd=Y
IndTemplate=U
IndPrelimFullInd=N IndProjectedFiscDate=0000-00-00 IndNumMonthsSinceLast=12
ISOperatingRevenue=4488.9
ISTotRev=0 ISAdjToRev=249.3 ISCOGS=2412.4 ISCOGSPlusDepr=2412.4 ISGrossMargin=0
ISGrossOperatingProfit=1827.2 ISRandD=0 ISSGA=0 ISAdvertising=0 ISOpInc=0 EBITDA=1827.2
ISDepr=647.5
ISDeprUnRec=647.5 ISAmort=0 ISAmortIntan=0 ISOperatingProfitAfterDep=1179.7 ISIntIncome=0
ISEarnFromEquitInt=0 ISOtherInc=126.3 ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=0
ISSpecIncCharges=0 EBIT=1306 ISIntExp=270.2 ISPreTaxIncome=1035.8 ISIncTax=397 ISMinorInterest=0
ISPrefSecOfSubs=0 ISIncBeforeTax=0 ISNetIncCont=638.9 ISNetIncDis=0
ISNetIncomeTotalOperations=638.9
ISExtRev=0 ISIncAcctgChange=0 ISIncTaxLossForward=0 ISOtherGainLoss=0 ISTotalNetIncome=638.9
ISNormInc=638.9 ISNetIncForCommon=589.2 ISPrefDivs=49.7 ISExciseTax=0 ISEPSCon=1.13 ISEPSDis=0
BasicEPSFromTotalOperations=1.13 ISEPSExtra=0 ISEPSAcctChng=0 ISEPSTaxLoss=0 ISEPSOther=0
BasicEPSTotal=1.13 BaicEPSNorm=1.13 ISEPSConDil=1.13 ISEPSDisDil=0
DilutedEPSFromTotalOperations=1.13
ISEPSExtraDil=0 ISEPSAcctChngDil=0 ISEPSTaxLossDil=0 ISEPSOtherDil=0 DilutedEPSTotal=1.13
DilutedEPSNormalized=1.13 DividendsPaidPerShare=0.96 ISRevYTD=4488.9 ISNIYTD=638.9
ISEPSTotYTD=1.13
ISDivPerShareYTD=0.96 BSCash=37.4 BSResCash=0 BSSTSecurs=0 BSAR=552.9 BSLR=0 BSOR=0
BSTotRec=552.9
BSInvRawMat=0 BSInvWIP=0 BSInvPurchComp=0 BSInvFinGoods=0 BSInvOther=0 BSInvAdj=0 BSInv=319.4
BSPrepaidExpenses=0 BSDefTax=0 BSOthCA=148.4 BSTotalCurAssets=1058.1 BSLandAndImpr=0
BSBldgAndImpr=0
BSMachFurnEquip=0 BSConstrInProg=0 BSOthFixAss=0 BSTotalFixedAssets=0 BSGrossFixAss=14815.6
BSCumDepr=5249.7 BSNetFixedAss=9565.9 BSIntangibles=0 BSCostInExcess=0 BSNonCurrentDeffTaxes=0
```

Srija Gupta
Uin:656331239

BSOthNonCurrAssets=2238.1 BSTotNonCurAssets=11804 BSTotalAssets=12862.2
InventoryValuationMethod=3
BSAcctsPayable=343.7 BSNotesPayable=0 BSSTDebt=200.9 BSAccrExp=0 BSAccrLiab=0 BSDeffRev=0
BSCurrDeffTax=0 BSOthCurLiab=223.7 BSTotalCurrentLiabilities=768.2 BSLTDebt=3567.1
BSCapLeaseObl=0
BSDeffTax=2348.6 BSOthNonCurrLiab=865.9 BSMinorIntLiab=0 BSPrefSecOfSubsLiab=0
BSPrefEquityOutsideLiab=0 BSTotalNonCurrentLiabilities=6781.6 BSTotalLiabilities=7549.9
BSPrefStockEq=779.5 BSCommEq=4532.8 BSCommPar=1926.9 BSPaidInCap=0 BSCumTransAdj=0
BSRetEarn=2605.9
BSTreasStock=0 BSOtherEqAdj=0 BSTotCap=8879.4 BSTotalEquity=5312.3
BSTotalLiabilitiesAndStockEquit=12862.2 BSCF=1236.7 BSWC=289.8 BSFCF=-180.4 BSInvestedCap=8879.4
BSSharesOutCommon=409.7 BSPrefShares=13.1 BSTotOrdShares=0 TotalCommonSharesOut=409.7
BSTreasShares=0
BasicWeightedShares=0 DilutedWeightedShares=0 BSEmps=17052 BSPTEmps=NA CFONetInc=638.9
ISDepreciation=647.5 ISAmortization=0 ISAmortizationOfIntangibles=0 ISDeferredIncomeTaxes=94.3
CFOOpGains=-273.8 CFOExtraGains=0 CFOChgRec=47.6 CFOChgInv=-28.6
CF_Increase_DecreasePrepaidExpe=0
CFOChgOthCurrAss=-0.4 CFOChgPayables=-52.5 CFOChgOthCurrLiab=-37.1 CFOChgOthWC=0 CFOOthNonCash=0
CFONetCashContOps=1035.7 CFONetCashDiscOps=0 CFNetCashFromTotalOperatingActi=1035.7 CFISalePPE=0
CFISaleLTInvests=0 CFISaleSTInvests=17.9 CFIPurchPPE=-772.5 CFIAcquisitions=0 CFIPurchLTInvests=0
CFIPurchSTInvests=0 CFIChgOthInvests=-197.9 CFICashFromDisc=0 CFNetCashFromInvestingActivitie=-
952.5
CFFDebtIssued=487.1 CFFCapStockIssued=0 CFFLTDebtRepay=-100.7 CFFCapStockRePurch=-1.5
CFFDividends=-443.6 CFFOthFinCharges=-21 CFFCashFromDiscFinancing=0
CFNetCashFromFinancingActivitie=-79.6 NetCashFlowExchRateChanges=0
NetChangeInCashAndEquivalents=3.6
NetCashFlowCashBegin=33.8 NetCashFlowCashEnd=37.4 ForeignSales=0 DomesticSales=0 AuditName=NA
AuditReport=NA ClosePE=16.9 HighPE=19 LowPE=14.5 GrossMargin=46.3 PreTaxMargin=23.1
PostTaxMargin=14.2
NetProfit=14.2 InterestCov=4.8 IntAsPctInvCap=3 EffTaxRate=38.3 IncPerEmp=37468 NormClosePE=16.9
NormHighPE=19 NormLowPE=14.5 NormNetProfit=14.2 NormROE=14.1 NormROA=5 NormROCI=7.2
NormIncPerEmp=37468 QuickRatio=0.8 CurrentRatio=1.4 PayoutRatio=85 TotDebtToEq=0.83
LTDebtToTotCap=0.4
LeverageRatio=2.8 AssetTurnover=0.4 CashOfRev=0.8 ReceivOfRev=12.3 SGAOfRev=0 RDOfRev=0
RevPerCash=120.02 RevPerNetPlant=0.47 RevPerCommonEq=0.99 RevPerInvCap=0.51 RecTurnover=8.3
InvTurnover=8.2 RecPerDaySales=44.34 SalesPerRec=8.12 SalesPerInv=14.05 RevOfAssets=0.3
DaysCOGInInv=44 CurrAssPerShare=2.58 TotAssPerShare=31.39 IntagiblesOfBook=0 InvOfRev=7.1
LTDebtPerShare=8.71 CurrLiabPerShare=1.87 CashPerShare=0.09 LTDebtToEq=0.79 LTDebtOfInvCap=40.2
LTDebtOfTotDebt=47.2 TotDebtToTotAss=58.7 WCOfEquity=6.4 RevPerShare=10.96 BookPerShare=11.06
TangBookPerShare=11.06 PriceToRev=1.74 PriceToEq=1.72 PriceToTang=1.72 WCOfPrice=3.7
WCPerShare=0.71
CFPerShare=3.02 FCFPerShare=-0.44 ROE=14.1 ROCI=7.2 ROA=5 PriceOfCF=6.3 PriceOfFCF=-43.3
SalesPerEmp=263248 SalesToIndustry=3.8 EarningsToIndustry=5.8 EPSToIndustry=59.2
PriceToIndustry=70
PEToIndustry=118.2 PriceBookToIndustry=113.9 PriceSalesToIndustry=132.8
PriceCashflowToIndustry=103.3
PriceFreeCashflowToIndustry=-8.9 DebtEquityToIndustry=71.8 CurrentRatioToIndustry=175
GrossProfitMarginToIndustry=105.5 PretaxProfitMarginToIndustry=153
PosttaxProfitMarginToIndustry=151.1
NetProfitMarginToIndustry=151.1 ROEToIndustry=130.6 LeverageToIndustry=80 InfoAvailDate=.
FiscalYearDate=12753 FiscalYear=1994 _ERROR_=1 _N_=82
NOTE: Invalid argument to function INPUT at line 1519 column 15.
Symbol=ED Name=Consolidated Edison Inc LastSale=60.92 MarketCap=17842554444 IPOyear=NA
Sector=Public Utilitie Industry=Power Generation Exchange=NYSE
IndFinancialYearEnd=01DEC93:00:00:00
IndDatePrelimLoaded=0000-00-00 IndEarnPeriodInd=F IndQuartInd=4 IndBasicEarningsInd=N
IndTemplate=
IndPrelimFullInd=N IndProjectedFiscDate=0000-00-00 IndNumMonthsSinceLast=12
ISOperatingRevenue=6265.4
ISTotRev=6265.4 ISAdjToRev=1159.3 ISCOGS=3385.3 ISCOGSPlusDepr=3385.3 ISGrossMargin=0
ISGrossOperatingProfit=1720.8 ISRandD=0 ISSGA=0 ISAdvertising=0 ISOpInc=0 EBITDA=1720.8
ISDepr=403.7
ISDeprUnRec=403.7 ISAmort=0 ISAmortIntan=0 ISOperatingProfitAfterDep=1317.1 ISIntIncome=0
ISEarnFromEquitInt=0 ISOtherInc=5.6 ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=0
ISSpecIncCharges=0 EBIT=1322.7 ISIntExp=298.1 ISPreTaxIncome=1024.6 ISIncTax=366
ISMinorInterest=0
ISPrefSecOfSubs=0 ISIncBeforeTax=0 ISNetIncCont=658.5 ISNetIncDis=0
ISNetIncomeTotalOperations=658.5
ISExtRev=0 ISIncAcctgChange=0 ISIncTaxLossForward=0 ISOtherGainLoss=0 ISTotalNetIncome=658.5
ISNormInc=658.5 ISNetIncForCommon=622.9 ISPrefDivs=35.6 ISExciseTax=0 ISEPSCon=2.66 ISEPSDis=0
BasicEPSFromTotalOperations=2.66 ISEPSExtra=0 ISEPSAcctChng=0 ISEPSTaxLoss=0 ISEPSOther=0
BasicEPSTotal=2.66 BaicEPSNorm=2.66 ISEPSConDil=2.66 ISEPSDisDil=0
DilutedEPSFromTotalOperations=2.66
ISEPSExtraDil=0 ISEPSAcctChngDil=0 ISEPSTaxLossDil=0 ISEPSOtherDil=0 DilutedEPSTotal=2.66
DilutedEPSNormalized=2.66 DividendsPaidPerShare=1.94 ISRevYTD=6265.4 ISNIYTD=658.5
ISEPSTotYTD=2.66
ISDivPerShareYTD=1.94 BSCash=36.8 BSResCash=0 BSSTSecurs=0 BSAR=0 BSLR=0 BSOR=0 BSTotRec=641.4
BSInvRawMat=0 BSInvWIP=0 BSInvPurchComp=0 BSInvFinGoods=0 BSInvOther=0 BSInvAdj=0 BSInv=348.6
BSPrepaidExpenses=0 BSDefTax=0 BSOthCA=67.8 BSTotalCurAssets=1094.5 BSLandAndImpr=0
BSBldgAndImpr=0
BSMachFurnEquip=0 BSConstrInProg=0 BSOthFixAss=0 BSTotalFixedAssets=0 BSGrossFixAss=13751
BSCumDepr=3594.8 BSNetFixedAss=10156.2 BSIntangibles=0 BSCostInExcess=0 BSNonCurrentDeffTaxes=0
BSOthNonCurrAssets=2232.9 BSTotNonCurAssets=12389.1 BSTotalAssets=13483.5
InventoryValuationMethod=3
BSAcctsPayable=399.5 BSNotesPayable=0 BSSTDebt=133.6 BSAccrExp=0 BSAccrLiab=0 BSDeffRev=0
BSCurrDeffTax=0 BSOthCurLiab=552.9 BSTotalCurrentLiabilities=1085.9 BSLTDebt=3643.9
BSCapLeaseObl=0
BSDeffTax=2460.5 BSOthNonCurrLiab=583.9 BSMinorIntLiab=0 BSPrefSecOfSubsLiab=0
BSPrefEquityOutsideLiab=0 BSTotalNonCurrentLiabilities=6688.3 BSTotalLiabilities=7774.3
BSPrefStockEq=640.7 BSCommEq=5068.5 BSCommPar=0 BSPaidInCap=0 BSCumTransAdj=0 BSRetEarn=3658.9

Srija Gupta
Uin:656331239

BSTreasStock=0 BSOtherEqAdj=0 BSTotCap=0 BSTotalEquity=5709.2
BSTotalLiabilitiesAndStockEquit=13483.5
BSCF=1026.6 BSWC=8.5 BSFCF=-267.4 BSInvestedCap=9353.1 BSSharesOutCommon=234 BSPrefShares=6.4
BSTotOrdShares=0 TotalCommonSharesOut=234 BSTreasShares=0 BasicWeightedShares=0
DilutedWeightedShares=0 BSEmps=17586 BSPTEmps=NA CFONetInc=658.5 ISDepreciation=403.7
ISAmortization=0
ISAmortizationOfIntangibles=0 ISDeferredIncomeTaxes=94.2 CFOOpGains=-2.9 CFOExtraGains=0
CFOChgRec=35.9 CFOChgInv=60.6 CF_Increase_DecreasePrepaidExpe=0 CFOChgOthCurrAss=-159.9
CFOChgPayables=23 CFOChgOthCurrLiab=-63.4 CFOChgOthWC=0 CFOOthNonCash=-24.6
CFONetCashContOps=1025.3
CFONetCashDiscOps=0 CFNetCashFromTotalOperatingActi=1025.3 CFISalePPE=0 CFISaleLTInvests=0
CFISaleSTInvests=0 CFIPurchPPE=-803.2 CFIAcquisitions=0 CFIPurchLTInvests=0 CFIPurchSTInvests=0
CFIChgOthInvests=-12.5 CFICashFromDisc=0 CFNetCashFromInvestingActivitie=-815.6
CFFDebtIssued=1378.5
CFFCapStockIssued=11.9 CFFLTDebtRepay=-1247.6 CFFCapStockRePurch=0 CFFDividends=-489.5
CFFOthFinCharges=-108.6 CFFCashFromDiscFinancing=0 CFNetCashFromFinancingActivitie=-455.4
NetCashFlowExchRateChanges=0 NetChangeInCashAndEquivalents=-245.7 NetCashFlowCashBegin=282.5
NetCashFlowCashEnd=0 ForeignSales=0 DomesticSales=0 AuditName=NA AuditReport=NA ClosePE=12.1
HighPE=14.2 LowPE=11.4 GrossMargin=46 PreTaxMargin=16.4 PostTaxMargin=10.5 NetProfit=10.5
InterestCov=4.4 IntAsPctInvCap=3.2 EffTaxRate=35.7 IncPerEmp=37445 NormClosePE=12.1
NormHighPE=14.2
NormLowPE=11.4 NormNetProfit=10.5 NormROE=13 NormROA=4.9 NormROCI=7 NormIncPerEmp=37445
QuickRatio=0.6
CurrentRatio=1 PayoutRatio=73 TotDebtToEq=0.75 LTDebtToTotCap=0.39 LeverageRatio=2.7
AssetTurnover=0.5
CashOfRev=0.6 ReceivOfRev=10.2 SGAOfRev=0 RDOfRev=0 RevPerCash=170.26 RevPerNetPlant=0.62
RevPerCommonEq=1.24 RevPerInvCap=0.67 RecTurnover=9.7 InvTurnover=8.9 RecPerDaySales=36.85
SalesPerRec=9.77 SalesPerInv=17.97 RevOfAssets=0.5 DaysCOGInInv=40 CurrAssPerShare=4.68
TotAssPerShare=57.63 IntagiblesOfBook=0 InvOfRev=5.6 LTDebtPerShare=15.57 CurrLiabPerShare=4.64
CashPerShare=0.16 LTDebtToEq=0.72 LTDebtOfInvCap=39 LTDebtOfTotDebt=46.9 TotDebtToTotAss=57.7
WCOfEquity=0.2 RevPerShare=26.78 BookPerShare=21.66 TangBookPerShare=21.66 PriceToRev=1.2
PriceToEq=1.48 PriceToTang=1.48 WCOfPrice=0.1 WCPerShare=0.04 CFPerShare=4.39 FCFPerShare=-1.14
ROE=13
ROCI=7 ROA=4.9 PriceOfCF=7.3 PriceOfFCF=-28.2 SalesPerEmp=356272 SalesToIndustry=8.8
EarningsToIndustry=9.8 EPSToIndustry=137.1 PriceToIndustry=121.2 PEToIndustry=87.7
PriceBookToIndustry=96.7 PriceSalesToIndustry=99.2 PriceCashflowToIndustry=114.1
PriceFreeCashflowToIndustry=44.3 DebtEquityToIndustry=64.9 CurrentRatioToIndustry=111.1
GrossProfitMarginToIndustry=109 PretaxProfitMarginToIndustry=107.2
PosttaxProfitMarginToIndustry=111.7
NetProfitMarginToIndustry=111.7 ROEToIndustry=109.2 LeverageToIndustry=79.4 InfoAvailDate=.
FiscalYearDate=12388 FiscalYear=1993 _ERROR_=1 _N_=102
NOTE: Invalid argument to function INPUT at line 1519 column 15.
Symbol=ED Name=Consolidated Edison Inc LastSale=60.92 MarketCap=17842554444 IPOyear=NA
Sector=Public Utilitie Industry=Power Generation Exchange=NYSE
IndFinancialYearEnd=01DEC94:00:00:00
IndDatePrelimLoaded=0000-00-00 IndEarnPeriodInd=F IndQuartInd=4 IndBasicEarningsInd=Y
IndTemplate=U
IndPrelimFullInd=N IndProjectedFiscDate=0000-00-00 IndNumMonthsSinceLast=12
ISOperatingRevenue=6373.1
ISTotRev=0 ISAdjToRev=1127.7 ISCOGS=3348.7 ISCOGSPlusDepr=3348.7 ISGrossMargin=0
ISGrossOperatingProfit=1896.7 ISRandD=0 ISSGA=0 ISAdvertising=0 ISOpInc=0 EBITDA=1896.7
ISDepr=422.4
ISDeprUnRec=422.4 ISAmort=0 ISAmortIntan=0 ISOperatingProfitAfterDep=1474.3 ISIntIncome=0
ISEarnFromEquitInt=0 ISOtherInc=-4.6 ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=0
ISSpecIncCharges=0 EBIT=1469.7 ISIntExp=296.9 ISPreTaxIncome=1172.8 ISIncTax=438.6
ISMinorInterest=0
ISPrefSecOfSubs=0 ISIncBeforeTax=0 ISNetIncCont=734.3 ISNetIncDis=0
ISNetIncomeTotalOperations=734.3
ISExtRev=0 ISIncAcctgChange=0 ISIncTaxLossForward=0 ISOtherGainLoss=0 ISTotalNetIncome=734.3
ISNormInc=734.3 ISNetIncForCommon=698.7 ISPrefDivs=35.6 ISExciseTax=0 ISEPSCon=2.98 ISEPSDis=0
BasicEPSFromTotalOperations=2.98 ISEPSExtra=0 ISEPSAcctChng=0 ISEPSTaxLoss=0 ISEPSOther=0
BasicEPSTotal=2.98 BaicEPSNorm=2.98 ISEPSConDil=2.98 ISEPSDisDil=0
DilutedEPSFromTotalOperations=2.98
ISEPSExtraDil=0 ISEPSAcctChngDil=0 ISEPSTaxLossDil=0 ISEPSOtherDil=0 DilutedEPSTotal=2.98
DilutedEPSNormalized=2.98 DividendsPaidPerShare=2 ISRevYTD=6373.1 ISNIYTD=734.3 ISEPSTotYTD=2.98
ISDivPerShareYTD=2 BSCash=245.2 BSResCash=0 BSSTSecurs=0 BSAR=466.8 BSLR=0 BSOR=0 BSTotRec=528.7
BSInvRawMat=0 BSInvWIP=0 BSInvPurchComp=0 BSInvFinGoods=0 BSInvOther=0 BSInvAdj=0 BSInv=331.3
BSPrepaidExpenses=0 BSDefTax=0 BSOthCA=69.5 BSTotalCurAssets=1174.8 BSLandAndImpr=0
BSBldgAndImpr=0
BSMachFurnEquip=0 BSConstrInProg=0 BSOthFixAss=0 BSTotalFixedAssets=0 BSGrossFixAss=14389.8
BSCumDepr=3828.6 BSNetFixedAss=10561.2 BSIntangibles=0 BSCostInExcess=0 BSNonCurrentDeffTaxes=0
BSOthNonCurrAssets=1992.4 BSTotNonCurAssets=12553.6 BSTotalAssets=13728.4
InventoryValuationMethod=3
BSAcctsPayable=374.5 BSNotesPayable=0 BSSTDebt=10.9 BSAccrExp=0 BSAccrLiab=0 BSDeffRev=0
BSCurrDeffTax=0 BSOthCurLiab=509 BSTotalCurrentLiabilities=894.4 BSLTDebt=4030.5
BSCapLeaseObl=47.8
BSDeffTax=2266.5 BSOthNonCurrLiab=535.9 BSMinorIntLiab=0 BSPrefSecOfSubsLiab=0
BSPrefEquityOutsideLiab=0 BSTotalNonCurrentLiabilities=6880.7 BSTotalLiabilities=7775.1
BSPrefStockEq=640.3 BSCommEq=5313 BSCommPar=1463.9 BSPaidInCap=0 BSCumTransAdj=0 BSRetEarn=3888
BSTreasStock=-38.9 BSOtherEqAdj=0 BSTotCap=9983.8 BSTotalEquity=5953.3
BSTotalLiabilitiesAndStockEquit=13728.4 BSCF=1121.1 BSWC=280.4 BSFCF=-12.7 BSInvestedCap=10031.6
BSSharesOutCommon=234.8 BSPrefShares=6.4 BSTotOrdShares=0 TotalCommonSharesOut=234.8
BSTreasShares=0
BasicWeightedShares=234.8 DilutedWeightedShares=234.8 BSEmps=17097 BSPTEmps=NA CFONetInc=734.3
ISDepreciation=422.4 ISAmortization=0 ISAmortizationOfIntangibles=0 ISDeferredIncomeTaxes=64.1
CFOOpGains=-7.9 CFOExtraGains=0 CFOChgRec=89.5 CFOChgInv=17.3 CF_Increase_DecreasePrepaidExpe=0
CFOChgOthCurrAss=21.3 CFOChgPayables=-18.1 CFOChgOthCurrLiab=-92.5 CFOChgOthWC=-46.2
CFOOthNonCash=65.7 CFONetCashContOps=1249.9 CFONetCashDiscOps=0
CFNetCashFromTotalOperatingActi=1249.9
CFISalePPE=0 CFISaleLTInvests=0 CFISaleSTInvests=0 CFIPurchPPE=-757.5 CFIAcquisitions=0
CFIPurchLTInvests=0 CFIPurchSTInvests=0 CFIChgOthInvests=-53.8 CFICashFromDisc=0

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CFNetCashFromInvestingActivitie=-811.2 CFFDebtIssued=400 CFFCapStockIssued=14.7 CFFLTDebtRepay=-133.6
CFFCapStockRePurch=0 CFFDividends=-505.1 CFFOthFinCharges=-6 CFFCashFromDiscFinancing=0
CFNetCashFromFinancingActivitie=-230.1 NetCashFlowExchRateChanges=0
NetChangeInCashAndEquivalents=208.5 NetCashFlowCashBegin=36.8 NetCashFlowCashEnd=245.2
ForeignSales=0
DomesticSales=0 AuditName=NA AuditReport=NA ClosePE=8.6 HighPE=10.9 LowPE=7.7 GrossMargin=47.5
PreTaxMargin=18.4 PostTaxMargin=11.5 NetProfit=11.5 InterestCov=5 IntAsPctInvCap=3
EffTaxRate=37.4
IncPerEmp=42949 NormClosePE=8.6 NormHighPE=10.9 NormLowPE=7.7 NormNetProfit=11.5 NormROE=13.8
NormROA=5.3 NormROCI=7.3 NormIncPerEmp=42949 QuickRatio=0.9 CurrentRatio=1.3 PayoutRatio=67
TotDebtToEq=0.77 LTDebtToTotCap=0.41 LeverageRatio=2.6 AssetTurnover=0.5 CashOfRev=3.8
ReceivOfRev=8.3
SGAOfRev=0 RDOfRev=0 RevPerCash=25.99 RevPerNetPlant=0.6 RevPerCommonEq=1.2 RevPerInvCap=0.64
RecTurnover=10.9 InvTurnover=9.9 RecPerDaySales=29.86 SalesPerRec=12.05 SalesPerInv=19.24
RevOfAssets=0.5 DaysCOGInInv=37 CurrAssPerShare=5 TotAssPerShare=58.48 IntagiblesOfBook=0
InvOfRev=5.2
LTDebtPerShare=17.37 CurrLiabPerShare=3.81 CashPerShare=1.04 LTDebtToEq=0.77 LTDebtOfInvCap=40.7
LTDebtOfTotDebt=52.5 TotDebtToTotAss=56.6 WCOfEquity=5.3 RevPerShare=27.15 BookPerShare=22.63
TangBookPerShare=22.63 PriceToRev=0.95 PriceToEq=1.14 PriceToTang=1.14 WCOfPrice=4.6
WCPerShare=1.19
CFPerShare=4.78 FCFPerShare=-0.05 ROE=13.8 ROCI=7.3 ROA=5.3 PriceOfCF=5.4 PriceOfFCF=-515
SalesPerEmp=372761 SalesToIndustry=8.6 EarningsToIndustry=10.5 EPSToIndustry=151.3
PriceToIndustry=120.2 PEToIndustry=78.2 PriceBookToIndustry=94.2 PriceSalesToIndustry=97.9
PriceCashflowToIndustry=110.2 PriceFreeCashflowToIndustry=-286. DebtEquityToIndustry=72
CurrentRatioToIndustry=144.4 GrossProfitMarginToIndustry=107.5 PretaxProfitMarginToIndustry=120.3
PosttaxProfitMarginToIndustry=122.3 NetProfitMarginToIndustry=121.1 ROEToIndustry=116.9
LeverageToIndustry=78.8 InfoAvailDate=. FiscalYearDate=12753 FiscalYear=1994 _ERROR_=1 _N_=103
NOTE: Invalid argument to function INPUT at line 1519 column 15.
Symbol=EXC Name=Exelon Corporation LastSale=34.09 MarketCap=29290040832 IPOyear=NA
Sector=Public Utilitie Industry=Power Generation Exchange=NYSE
IndFinancialYearEnd=01DEC93:00:00:00
IndDatePrelimLoaded=0000-00-00 IndEarnPeriodInd=F IndQuartInd=4 IndBasicEarningsInd=N
IndTemplate=
IndPrelimFullInd=N IndProjectedFiscDate=0000-00-00 IndNumMonthsSinceLast=12
ISOperatingRevenue=3988.1
ISTotRev=3988.1 ISAdjToRev=298.1 ISCOGS=1734.7 ISCOGSPlusDepr=1734.7 ISGrossMargin=0
ISGrossOperatingProfit=1955.3 ISRandD=0 ISSGA=0 ISAdvertising=0 ISOpInc=0 EBITDA=1955.3
ISDepr=565.5
ISDeprUnRec=565.5 ISAmort=0 ISAmortIntan=0 ISOperatingProfitAfterDep=1389.8 ISIntIncome=0
ISEarnFromEquitInt=0 ISOtherInc=23.9 ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=0
ISSpecIncCharges=0 EBIT=1413.7 ISIntExp=468.7 ISPreTaxIncome=945 ISIncTax=354.4 ISMinorInterest=0
ISPrefSecOfSubs=0 ISIncBeforeTax=0 ISNetIncCont=590.6 ISNetIncDis=0
ISNetIncomeTotalOperations=590.6
ISExtRev=0 ISIncAcctgChange=0 ISIncTaxLossForward=0 ISOtherGainLoss=0 ISTotalNetIncome=590.6
ISNormInc=590.6 ISNetIncForCommon=541.5 ISPrefDivs=49.1 ISExciseTax=0 ISEPSCon=1.23 ISEPSDis=0
BasicEPSFromTotalOperations=1.23 ISEPSExtra=0 ISEPSAcctChng=0 ISEPSTaxLoss=0 ISEPSOther=0
BasicEPSTotal=1.23 BaicEPSNorm=1.22 ISEPSConDil=1.23 ISEPSDisDil=0
DilutedEPSFromTotalOperations=1.23
ISEPSExtraDil=0 ISEPSAcctChngDil=0 ISEPSTaxLossDil=0 ISEPSOtherDil=0 DilutedEPSTotal=1.23
DilutedEPSNormalized=1.22 DividendsPaidPerShare=0.72 ISRevYTD=3988.1 ISNIYTD=590.6
ISEPSTotYTD=1.23
ISDivPerShareYTD=0.72 BSCash=46.9 BSResCash=0 BSSTSecurs=0 BSAR=0 BSLR=0 BSOR=0 BSTotRec=170.3
BSInvRawMat=0 BSInvWIP=0 BSInvPurchComp=0 BSInvFinGoods=0 BSInvOther=0 BSInvAdj=0 BSInv=209.2
BSPrepaidExpenses=0 BSDefTax=0 BSOthCA=88.4 BSTotalCurAssets=514.8 BSLandAndImpr=0
BSBldgAndImpr=0
BSMachFurnEquip=0 BSConstrInProg=0 BSOthFixAss=0 BSTotalFixedAssets=0 BSGrossFixAss=14904.5
BSCumDepr=3946.8 BSNetFixedAss=10957.7 BSIntangibles=0 BSCostInExcess=0 BSNonCurrentDeffTaxes=0
BSOthNonCurrAssets=3559.8 BSTotNonCurAssets=14517.5 BSTotalAssets=15032.3
InventoryValuationMethod=3
BSAcctsPayable=242.2 BSNotesPayable=0 BSSTDebt=432.1 BSAccrExp=0 BSAccrLiab=0 BSDeffRev=0
BSCurrDeffTax=0 BSOthCurLiab=280.2 BSTotalCurrentLiabilities=954.6 BSLTDebt=5018.6
BSCapLeaseObl=0
BSDeffTax=3386.1 BSOthNonCurrLiab=800.7 BSMinorIntLiab=0 BSPrefSecOfSubsLiab=0
BSPrefEquityOutsideLiab=0 BSTotalNonCurrentLiabilities=9205.4 BSTotalLiabilities=10159.9
BSPrefStockEq=609 BSCommEq=4263.4 BSCommPar=0 BSPaidInCap=0 BSCumTransAdj=0 BSRetEarn=773.7
BSTreasStock=0 BSOtherEqAdj=0 BSTotCap=0 BSTotalEquity=4872.4
BSTotalLiabilitiesAndStockEquit=15032.3
BSCF=1107 BSWC=-439.7 BSFCF=327.6 BSInvestedCap=9891 BSSharesOutCommon=443 BSPrefShares=6.1
BSTotOrdShares=0 TotalCommonSharesOut=443 BSTreasShares=0 BasicWeightedShares=0
DilutedWeightedShares=0 BSEmps=9769 BSPTEmps=NA CFONetInc=590.6 ISDepreciation=565.5
ISAmortization=0
ISAmortizationOfIntangibles=0 ISDeferredIncomeTaxes=139.8 CFOOpGains=-24.3 CFOExtraGains=0
CFOChgRec=31.1 CFOChgInv=11.2 CF_Increase_DecreasePrepaidExpe=0 CFOChgOthCurrAss=0
CFOChgPayables=0.8
CFOChgOthCurrLiab=-53 CFOChgOthWC=0 CFOOthNonCash=0 CFONetCashContOps=1261.8 CFONetCashDiscOps=0
CFNetCashFromTotalOperatingActi=1261.8 CFISalePPE=0 CFISaleLTInvests=0 CFISaleSTInvests=0
CFIPurchPPE=-568.1 CFIAcquisitions=0 CFIPurchLTInvests=0 CFIPurchSTInvests=0 CFIChgOthInvests=-16.2
CFICashFromDisc=0 CFNetCashFromInvestingActivitie=-584.3 CFFDebtIssued=2003.6
CFFCapStockIssued=172
CFFLTDebtRepay=-2207.4 CFFCapStockRePurch=-187.3 CFFDividends=-366.1 CFFOthFinCharges=-95.8
CFFCashFromDiscFinancing=0 CFNetCashFromFinancingActivitie=-680.9 NetCashFlowExchRateChanges=0
NetChangeInCashAndEquivalents=-3.4 NetCashFlowCashBegin=50.4 NetCashFlowCashEnd=0 ForeignSales=0
DomesticSales=0 AuditName=NA AuditReport=NA ClosePE=12.3 HighPE=13.6 LowPE=10.4 GrossMargin=56.5
PreTaxMargin=23.7 PostTaxMargin=14.8 NetProfit=14.8 InterestCov=3 IntAsPctInvCap=4.7
EffTaxRate=37.5
IncPerEmp=60457 NormClosePE=12.3 NormHighPE=13.6 NormLowPE=10.4 NormNetProfit=14.8 NormROE=13.9
NormROA=3.9 NormROCI=6 NormIncPerEmp=60457 QuickRatio=0.2 CurrentRatio=0.5 PayoutRatio=59
TotDebtToEq=1.28 LTDebtToTotCap=0.51 LeverageRatio=3.5 AssetTurnover=0.3 CashOfRev=1.2
ReceivOfRev=4.3

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SGAOfRev=0 RDOfRev=0 RevPerCash=85.03 RevPerNetPlant=0.36 RevPerCommonEq=0.94 RevPerInvCap=0.4
RecTurnover=21.5 InvTurnover=8.1 RecPerDaySales=15.37 SalesPerRec=23.42 SalesPerInv=19.06
RevOfAssets=0.3 DaysCOGInInv=45 CurrAssPerShare=1.16 TotAssPerShare=33.93 IntagiblesOfBook=0
InvOfRev=5.2 LTDebtPerShare=11.33 CurrLiabPerShare=2.15 CashPerShare=0.11 LTDebtToEq=1.18
LTDebtOfInvCap=50.7 LTDebtOfTotDebt=49.4 TotDebtToTotAss=67.6 WCOfEquity=-10.3 RevPerShare=9
BookPerShare=9.62 TangBookPerShare=9.62 PriceToRev=1.68 PriceToEq=1.57 PriceToTang=1.57
WCOfPrice=-6.5
WCPerShare=-0.99 CFPerShare=2.5 FCFPerShare=0.74 ROE=13.9 ROCI=6 ROA=3.9 PriceOfCF=6.1
PriceOfFCF=20.4
SalesPerEmp=408240 SalesToIndustry=5.6 EarningsToIndustry=8.8 EPSToIndustry=63.4
PriceToIndustry=57.1
PEToIndustry=89.1 PriceBookToIndustry=102.6 PriceSalesToIndustry=138.8
PriceCashflowToIndustry=95.3
PriceFreeCashflowToIndustry=-32 DebtEquityToIndustry=106.3 CurrentRatioToIndustry=55.6
GrossProfitMarginToIndustry=133.9 PretaxProfitMarginToIndustry=154.9
PosttaxProfitMarginToIndustry=157.4 NetProfitMarginToIndustry=157.4 ROEToIndustry=116.8
LeverageToIndustry=102.9 InfoAvailDate=. FiscalYearDate=12388 FiscalYear=1993 _ERROR_=1 _N_=123
NOTE: Invalid argument to function INPUT at line 1519 column 15.
Symbol=EXC Name=Exelon Corporation LastSale=34.09 MarketCap=29290040832 IPOyear=NA
Sector=Public Utilitie Industry=Power Generation Exchange=NYSE
IndFinancialYearEnd=01DEC94:00:00:00
IndDatePrelimLoaded=0000-00-00 IndEarnPeriodInd=F IndQuartInd=4 IndBasicEarningsInd=Y
IndTemplate=U
IndPrelimFullInd=N IndProjectedFiscDate=0000-00-00 IndNumMonthsSinceLast=12
ISOperatingRevenue=4040.6
ISTotRev=0 ISAdjToRev=311.7 ISCOGS=1893.6 ISCOGSPlusDepr=1893.6 ISGrossMargin=0
ISGrossOperatingProfit=1835.3 ISRandD=0 ISSGA=0 ISAdvertising=0 ISOpInc=0 EBITDA=1835.3
ISDepr=517.7
ISDeprUnRec=517.7 ISAmort=0 ISAmortIntan=0 ISOperatingProfitAfterDep=1317.6 ISIntIncome=0
ISEarnFromEquitInt=0 ISOtherInc=23.1 ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=0
ISSpecIncCharges=-254.1 EBIT=1086.6 ISIntExp=410.6 ISPreTaxIncome=676 ISIncTax=249.3
ISMinorInterest=0
ISPrefSecOfSubs=0 ISIncBeforeTax=0 ISNetIncCont=426.7 ISNetIncDis=0
ISNetIncomeTotalOperations=426.7
ISExtRev=0 ISIncAcctgChange=0 ISIncTaxLossForward=0 ISOtherGainLoss=0 ISTotalNetIncome=426.7
ISNormInc=680.8 ISNetIncForCommon=389.4 ISPrefDivs=37.3 ISExciseTax=0 ISEPSCon=0.88 ISEPSDis=0
BasicEPSFromTotalOperations=0.88 ISEPSExtra=0 ISEPSAcctChng=0 ISEPSTaxLoss=0 ISEPSOther=0
BasicEPSTotal=0.88 BaicEPSNorm=1.4 ISEPSConDil=0.88 ISEPSDisDil=0
DilutedEPSFromTotalOperations=0.88
ISEPSExtraDil=0 ISEPSAcctChngDil=0 ISEPSTaxLossDil=0 ISEPSOtherDil=0 DilutedEPSTotal=0.88
DilutedEPSNormalized=1.4 DividendsPaidPerShare=0.78 ISRevYTD=4040.6 ISNIYTD=426.7
ISEPSTotYTD=0.88
ISDivPerShareYTD=0.78 BSCash=47 BSResCash=0 BSSTSecurs=0 BSAR=146.8 BSLR=0 BSOR=0 BSTotRec=146.8
BSInvRawMat=0 BSInvWIP=0 BSInvPurchComp=0 BSInvFinGoods=0 BSInvOther=0 BSInvAdj=0 BSInv=190.9
BSPrepaidExpenses=0 BSDefTax=0 BSOthCA=70.1 BSTotalCurAssets=454.8 BSLandAndImpr=0
BSBldgAndImpr=0
BSMachFurnEquip=0 BSConstrInProg=0 BSOthFixAss=0 BSTotalFixedAssets=0 BSGrossFixAss=15245.9
BSCumDepr=4242.6 BSNetFixedAss=11003.3 BSIntangibles=0 BSCostInExcess=0 BSNonCurrentDeffTaxes=0
BSOthNonCurrAssets=3634.7 BSTotNonCurAssets=14638 BSTotalAssets=15092.8
InventoryValuationMethod=3
BSAcctsPayable=308.8 BSNotesPayable=0 BSSTDebt=273.2 BSAccrExp=0 BSAccrLiab=0 BSDeffRev=0
BSCurrDeffTax=0 BSOthCurLiab=296.6 BSTotalCurrentLiabilities=878.6 BSLTDebt=4785.6
BSCapLeaseObl=114.1
BSDeffTax=3225.9 BSOthNonCurrLiab=1194.6 BSMinorIntLiab=221.3 BSPrefSecOfSubsLiab=0
BSPrefEquityOutsideLiab=0 BSTotalNonCurrentLiabilities=9541.5 BSTotalLiabilities=10420.1
BSPrefStockEq=370.2 BSCommEq=4302.5 BSCommPar=3490.7 BSPaidInCap=1.3 BSCumTransAdj=0
BSRetEarn=810.5
BSTreasStock=0 BSOtherEqAdj=0 BSTotCap=9458.3 BSTotalEquity=4672.7
BSTotalLiabilitiesAndStockEquit=15092.8 BSCF=907.1 BSWC=-423.8 BSFCF=342.7 BSInvestedCap=9572.4
BSSharesOutCommon=443.2 BSPrefShares=3.7 BSTotOrdShares=0 TotalCommonSharesOut=443.2
BSTreasShares=0
BasicWeightedShares=0 DilutedWeightedShares=0 BSEmps=9769 BSPTEmps=NA CFONetInc=426.7
ISDepreciation=517.7 ISAmortization=0 ISAmortizationOfIntangibles=0 ISDeferredIncomeTaxes=-23.3
CFOOpGains=282.8 CFOExtraGains=0 CFOChgRec=23.5 CFOChgInv=18.2 CF_Increase_DecreasePrepaidExpe=0
CFOChgOthCurrAss=0 CFOChgPayables=5.3 CFOChgOthCurrLiab=0 CFOChgOthWC=52.9 CFOOthNonCash=-9.2
CFONetCashContOps=1294.7 CFONetCashDiscOps=0 CFNetCashFromTotalOperatingActi=1294.7 CFISalePPE=0
CFISaleLTInvests=0 CFISaleSTInvests=0 CFIPurchPPE=-570.9 CFIAcquisitions=0 CFIPurchLTInvests=0
CFIPurchSTInvests=-18 CFIChgOthInvests=0 CFICashFromDisc=0 CFNetCashFromInvestingActivitie=-588.9
CFFDebtIssued=267.2 CFFCapStockIssued=2.3 CFFLTDebtRepay=-505.6 CFFCapStockRePurch=-238.8
CFFDividends=-381.1 CFFOthFinCharges=150.2 CFFCashFromDiscFinancing=0
CFNetCashFromFinancingActivitie=-705.8 NetCashFlowExchRateChanges=0
NetChangeInCashAndEquivalents=0
NetCashFlowCashBegin=46.9 NetCashFlowCashEnd=47 ForeignSales=0 DomesticSales=0 AuditName=NA
AuditReport=NA ClosePE=13.9 HighPE=17 LowPE=13.4 GrossMargin=53.1 PreTaxMargin=16.7
PostTaxMargin=10.6
NetProfit=10.6 InterestCov=2.6 IntAsPctInvCap=4.3 EffTaxRate=36.9 IncPerEmp=43679 NormClosePE=8.8
NormHighPE=10.7 NormLowPE=8.4 NormNetProfit=16.8 NormROE=15.8 NormROA=4.5 NormROCI=7.1
NormIncPerEmp=69690 QuickRatio=0.2 CurrentRatio=0.5 PayoutRatio=89 TotDebtToEq=1.2
LTDebtToTotCap=0.51
LeverageRatio=3.5 AssetTurnover=0.3 CashOfRev=1.2 ReceivOfRev=3.6 SGAOfRev=0 RDOfRev=0
RevPerCash=85.97 RevPerNetPlant=0.37 RevPerCommonEq=0.94 RevPerInvCap=0.42 RecTurnover=25.5
InvTurnover=9.5 RecPerDaySales=13.08 SalesPerRec=27.52 SalesPerInv=21.17 RevOfAssets=0.3
DaysCOGInInv=38 CurrAssPerShare=1.03 TotAssPerShare=34.05 IntagiblesOfBook=0 InvOfRev=4.7
LTDebtPerShare=11.05 CurrLiabPerShare=1.98 CashPerShare=0.11 LTDebtToEq=1.14 LTDebtOfInvCap=51.2
LTDebtOfTotDebt=47 TotDebtToTotAss=69 WCOfEquity=-9.9 RevPerShare=9.12 BookPerShare=9.71
TangBookPerShare=9.71 PriceToRev=1.34 PriceToEq=1.26 PriceToTang=1.26 WCOfPrice=-7.8 WCPerShare=-
0.96
CFPerShare=2.05 FCFPerShare=0.77 ROE=9.9 ROCI=4.5 ROA=2.8 PriceOfCF=6 PriceOfFCF=15.9
SalesPerEmp=413614 SalesToIndustry=5.5 EarningsToIndustry=6.1 EPSToIndustry=44.7
PriceToIndustry=57.2

Srija Gupta
Uin:656331239

```
PEToIndustry=126.4 PriceBookToIndustry=104.1 PriceSalesToIndustry=138.1
PriceCashflowToIndustry=122.4
PriceFreeCashflowToIndustry=8.9 DebtEquityToIndustry=106.5 CurrentRatioToIndustry=55.6
GrossProfitMarginToIndustry=120.1 PretaxProfitMarginToIndustry=109.2
PosttaxProfitMarginToIndustry=112.8 NetProfitMarginToIndustry=111.6 ROEToIndustry=83.9
LeverageToIndustry=106.1 InfoAvailDate=. FiscalYearDate=12753 FiscalYear=1994 _ERROR_=1 _N_=124
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IndDatePrelimLoaded=0000-00-00 IndEarnPeriodInd=F IndQuartInd=4 IndBasicEarningsInd=N
IndTemplate=
IndPrelimFullInd=N IndProjectedFiscDate=0000-00-00 IndNumMonthsSinceLast=12
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ISTotRev=773.1 ISAdjToRev=32.4 ISCOGS=545.4 ISCOGSPlusDepr=545.4 ISGrossMargin=0
ISGrossOperatingProfit=195.3 ISRandD=0 ISSGA=0 ISAdvertising=0 ISOpInc=0 EBITDA=195.3 ISDepr=69.1
ISDeprUnRec=69.1 ISAmort=0 ISAmortIntan=0 ISOperatingProfitAfterDep=126.2 ISIntIncome=0
ISEarnFromEquitInt=0 ISOtherInc=2.3 ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=0
ISSpecIncCharges=0 EBIT=128.5 ISIntExp=37 ISPreTaxIncome=91.5 ISIncTax=25.1 ISMinorInterest=3.9
ISPrefSecOfSubs=0 ISIncBeforeTax=0 ISNetIncCont=62.5 ISNetIncDis=0
ISNetIncomeTotalOperations=62.5
ISExtRev=0 ISIncAcctgChange=0 ISIncTaxLossForward=0 ISOtherGainLoss=0 ISTotalNetIncome=62.5
ISNormInc=62.5 ISNetIncForCommon=62.5 ISPrefDivs=0 ISExciseTax=0 ISEPSCon=2.11 ISEPSDis=0
BasicEPSFromTotalOperations=2.11 ISEPSExtra=0 ISEPSAcctChng=0 ISEPSTaxLoss=0 ISEPSOther=0
BasicEPSTotal=2.11 BaicEPSNorm=2.11 ISEPSConDil=2.11 ISEPSDisDil=0
DilutedEPSFromTotalOperations=2.11
ISEPSExtraDil=0 ISEPSAcctChngDil=0 ISEPSTaxLossDil=0 ISEPSOtherDil=0 DilutedEPSTotal=2.11
DilutedEPSNormalized=2.11 DividendsPaidPerShare=1.9 ISRevYTD=773.1 ISNIYTD=62.5 ISEPSTotYTD=2.11
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BSInvRawMat=0 BSInvWIP=0 BSInvPurchComp=0 BSInvFinGoods=0 BSInvOther=0 BSInvAdj=0 BSInv=46.5
BSPrepaidExpenses=0 BSDefTax=0 BSOthCA=23.3 BSTotalCurAssets=156.8 BSLandAndImpr=0
BSBldgAndImpr=0
BSMachFurnEquip=0 BSConstrInProg=0 BSOthFixAss=0 BSTotalFixedAssets=0 BSGrossFixAss=2118.9
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BSAcctsPayable=78.2 BSNotesPayable=0 BSSTDebt=92.7 BSAccrExp=0 BSAccrLiab=0 BSDeffRev=0
BSCurrDeffTax=0 BSOthCurLiab=104.1 BSTotalCurrentLiabilities=275 BSLTDebt=425.1 BSCapLeaseObl=0
BSDeffTax=212.8 BSOthNonCurrLiab=206 BSMinorIntLiab=0 BSPrefSecOfSubsLiab=0
BSPrefEquityOutsideLiab=0
BSTotalNonCurrentLiabilities=843.9 BSTotalLiabilities=1118.9 BSPrefStockEq=60 BSCommEq=583
BSCommPar=0
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BSInvestedCap=1068.1 BSSharesOutCommon=30.4 BSPrefShares=0.6 BSTotOrdShares=0
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BSEmps=2673
BSPTEmps=NA CFONetInc=62.5 ISDepreciation=69.1 ISAmortization=0 ISAmortizationOfIntangibles=0
ISDeferredIncomeTaxes=5 CFOOpGains=-4.9 CFOExtraGains=0 CFOChgRec=-11.6 CFOChgInv=-1.5
CF_Increase_DecreasePrepaidExpe=0 CFOChgOthCurrAss=4.2 CFOChgPayables=0.8 CFOChgOthCurrLiab=10.6
CFOChgOthWC=0 CFOOthNonCash=14.3 CFONetCashContOps=148.4 CFONetCashDiscOps=0
CFNetCashFromTotalOperatingActi=148.4 CFISalePPE=0 CFISaleLTInvests=0 CFISaleSTInvests=0
CFIPurchPPE=-165.9 CFIAcquisitions=0 CFIPurchLTInvests=0 CFIPurchSTInvests=0 CFIChgOthInvests=-
8.4
CFICashFromDisc=0 CFNetCashFromInvestingActivitie=-174.2 CFFDebtIssued=32 CFFCapStockIssued=88.6
CFFLTDebtRepay=-7.3 CFFCapStockRePurch=-33 CFFDividends=-40.3 CFFOthFinCharges=0.9
CFFCashFromDiscFinancing=0 CFNetCashFromFinancingActivitie=40.9 NetCashFlowExchRateChanges=0
NetChangeInCashAndEquivalents=15.1 NetCashFlowCashBegin=4.3 NetCashFlowCashEnd=0 ForeignSales=0
DomesticSales=0 AuditName=NA AuditReport=NA ClosePE=15.6 HighPE=17.4 LowPE=14.8 GrossMargin=29.5
PreTaxMargin=11.8 PostTaxMargin=8.1 NetProfit=8.1 InterestCov=3.4 IntAsPctInvCap=3.5
EffTaxRate=27.4
IncPerEmp=23382 NormClosePE=15.6 NormHighPE=17.4 NormLowPE=14.8 NormNetProfit=8.1 NormROE=10.7
NormROA=3.5 NormROCI=5.9 NormIncPerEmp=23382 QuickRatio=0.3 CurrentRatio=0.6 PayoutRatio=90
TotDebtToEq=0.89 LTDebtToTotCap=0.4 LeverageRatio=3 AssetTurnover=0.5 CashOfRev=2.5
ReceivOfRev=8.7
SGAOfRev=0 RDOfRev=0 RevPerCash=39.65 RevPerNetPlant=0.58 RevPerCommonEq=1.33 RevPerInvCap=0.72
RecTurnover=13.2 InvTurnover=11.9 RecPerDaySales=31.48 SalesPerRec=11.44 SalesPerInv=16.63
RevOfAssets=0.4 DaysCOGInInv=30 CurrAssPerShare=5.15 TotAssPerShare=57.88 IntagiblesOfBook=0
InvOfRev=6 LTDebtPerShare=13.97 CurrLiabPerShare=9.03 CashPerShare=0.64 LTDebtToEq=0.73
LTDebtOfInvCap=39.8 LTDebtOfTotDebt=38 TotDebtToTotAss=63.5 WCOfEquity=-20.3 RevPerShare=25.4
BookPerShare=19.15 TangBookPerShare=19.15 PriceToRev=1.29 PriceToEq=1.72 PriceToTang=1.72
WCOfPrice=-11.8 WCPerShare=-3.88 CFPerShare=4.32 FCFPerShare=-1.9 ROE=10.7 ROCI=5.9 ROA=3.5
PriceOfCF=7.6 PriceOfFCF=-17.3 SalesPerEmp=289226 SalesToIndustry=1.1 EarningsToIndustry=0.9
EPSToIndustry=108.8 PriceToIndustry=124 PEToIndustry=113 PriceBookToIndustry=112.4
PriceSalesToIndustry=106.6 PriceCashflowToIndustry=118.8 PriceFreeCashflowToIndustry=27.2
DebtEquityToIndustry=65.8 CurrentRatioToIndustry=66.7 GrossProfitMarginToIndustry=69.9
PretaxProfitMarginToIndustry=77.1 PosttaxProfitMarginToIndustry=86.2
NetProfitMarginToIndustry=86.2
ROEToIndustry=89.9 LeverageToIndustry=88.2 InfoAvailDate=. FiscalYearDate=12388 FiscalYear=1993
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Utilitie
Industry=Power Generation Exchange=NYSE IndFinancialYearEnd=01DEC93:00:00:00
IndDatePrelimLoaded=0000-00-00 IndEarnPeriodInd=F IndQuartInd=4 IndBasicEarningsInd=N
IndTemplate=
IndPrelimFullInd=N IndProjectedFiscDate=0000-00-00 IndNumMonthsSinceLast=12
ISOperatingRevenue=1677.9
ISTotRev=1677.9 ISAdjToRev=71.6 ISCOGS=1060.4 ISCOGSPlusDepr=1060.4 ISGrossMargin=0
ISGrossOperatingProfit=545.9 ISRandD=0 ISSGA=0 ISAdvertising=0 ISOpInc=0 EBITDA=545.9 ISDepr=187
ISDeprUnRec=187 ISAmort=0 ISAmortIntan=0 ISOperatingProfitAfterDep=358.9 ISIntIncome=0
ISEarnFromEquitInt=0 ISOtherInc=-2.1 ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=0
```

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ISSpecIncCharges=0 EBIT=356.8 ISIntExp=103.8 ISPreTaxIncome=253 ISIncTax=96.8 ISMinorInterest=0
ISPrefSecOfSubs=0 ISIncBeforeTax=0 ISNetIncCont=156.1 ISNetIncDis=0
ISNetIncomeTotalOperations=156.1
ISExtRev=0 ISIncAcctgChange=0 ISIncTaxLossForward=0 ISOtherGainLoss=0 ISTotalNetIncome=156.1
ISNormInc=156.1 ISNetIncForCommon=153 ISPrefDivs=3.1 ISExciseTax=0 ISEPSCon=1.15 ISEPSDis=0
BasicEPSFromTotalOperations=1.15 ISEPSExtra=0 ISEPSAcctChng=0 ISEPSTaxLoss=0 ISEPSOther=0
BasicEPSTotal=1.15 BaicEPSNorm=1.15 ISEPSConDil=1.15 ISEPSDisDil=0
DilutedEPSFromTotalOperations=1.15
ISEPSExtraDil=0 ISEPSAcctChngDil=0 ISEPSTaxLossDil=0 ISEPSOtherDil=0 DilutedEPSTotal=1.15
DilutedEPSNormalized=1.15 DividendsPaidPerShare=0.66 ISRevYTD=1677.9 ISNIYTD=156.1
ISEPSTotYTD=1.15
ISDivPerShareYTD=0.66 BSCash=16.1 BSResCash=0 BSSTSecurs=0 BSAR=0 BSLR=0 BSOR=0 BSTotRec=115.1
BSInvRawMat=0 BSInvWIP=0 BSInvPurchComp=0 BSInvFinGoods=0 BSInvOther=0 BSInvAdj=0 BSInv=193.6
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BSMachFurnEquip=0 BSConstrInProg=0 BSOthFixAss=0 BSTotalFixedAssets=0 BSGrossFixAss=5283.4
BSCumDepr=2052.2 BSNetFixedAss=3231.2 BSIntangibles=0 BSCostInExcess=0 BSNonCurrentDeffTaxes=0
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BSCurrDeffTax=0 BSOthCurLiab=167.6 BSTotalCurrentLiabilities=617.4 BSLTDebt=1192.5
BSCapLeaseObl=0
BSDeffTax=576.1 BSOthNonCurrLiab=230.5 BSMinorIntLiab=0 BSPrefSecOfSubsLiab=0
BSPrefEquityOutsideLiab=0 BSTotalNonCurrentLiabilities=1999.1 BSTotalLiabilities=2616.5
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CFOChgOthCurrLiab=20.5 CFOChgOthWC=0 CFOOthNonCash=0 CFONetCashContOps=372.7 CFONetCashDiscOps=0
CFNetCashFromTotalOperatingActi=372.7 CFISalePPE=0 CFISaleLTInvests=0 CFISaleSTInvests=0
CFIPurchPPE=-180.9 CFIAcquisitions=0 CFIPurchLTInvests=0 CFIPurchSTInvests=0 CFIChgOthInvests=-
75.1
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NetChangeInCashAndEquivalents=-25.2 NetCashFlowCashBegin=41.4 NetCashFlowCashEnd=0 ForeignSales=0
DomesticSales=0 AuditName=NA AuditReport=NA ClosePE=14.3 HighPE=15.2 LowPE=11.4 GrossMargin=36.8
PreTaxMargin=15.1 PostTaxMargin=9.3 NetProfit=9.3 InterestCov=3.4 IntAsPctInvCap=4.2
EffTaxRate=38.3
IncPerEmp=33920 NormClosePE=14.3 NormHighPE=15.2 NormLowPE=11.4 NormNetProfit=9.3 NormROE=14.3
NormROA=4 NormROCI=6.3 NormIncPerEmp=33920 QuickRatio=0.2 CurrentRatio=0.5 PayoutRatio=57
TotDebtToEq=1.32 LTDebtToTotCap=0.48 LeverageRatio=3.6 AssetTurnover=0.4 CashOfRev=1
ReceivOfRev=6.9
SGAOfRev=0 RDOfRev=0 RevPerCash=104.22 RevPerNetPlant=0.52 RevPerCommonEq=1.53 RevPerInvCap=0.67
RecTurnover=15.6 InvTurnover=5.4 RecPerDaySales=24.7 SalesPerRec=14.58 SalesPerInv=8.67
RevOfAssets=0.4 DaysCOGInInv=67 CurrAssPerShare=2.55 TotAssPerShare=29.72 IntagiblesOfBook=0
InvOfRev=11.5 LTDebtPerShare=9.06 CurrLiabPerShare=4.69 CashPerShare=0.12 LTDebtToEq=1.09
LTDebtOfInvCap=47.9 LTDebtOfTotDebt=45.6 TotDebtToTotAss=66.9 WCOfEquity=-25.7 RevPerShare=12.74
BookPerShare=8.31 TangBookPerShare=8.31 PriceToRev=1.29 PriceToEq=1.98 PriceToTang=1.98
WCOfPrice=-13
WCPerShare=-2.14 CFPerShare=2.58 FCFPerShare=0.76 ROE=14.3 ROCI=6.3 ROA=4 PriceOfCF=6.4
PriceOfFCF=21.6 SalesPerEmp=364602 SalesToIndustry=2.4 EarningsToIndustry=2.3 EPSToIndustry=59.3
PriceToIndustry=62 PEToIndustry=103.6 PriceBookToIndustry=129.4 PriceSalesToIndustry=106.6
PriceCashflowToIndustry=100 PriceFreeCashflowToIndustry=-33.9 DebtEquityToIndustry=98.2
CurrentRatioToIndustry=55.6 GrossProfitMarginToIndustry=87.2 PretaxProfitMarginToIndustry=98.7
PosttaxProfitMarginToIndustry=98.9 NetProfitMarginToIndustry=98.9 ROEToIndustry=120.2
LeverageToIndustry=105.9 InfoAvailDate=. FiscalYearDate=12388 FiscalYear=1993 _ERROR_=1 _N_=167
NOTE: Invalid argument to function INPUT at line 1519 column 15.
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Utilitie
Industry=Power Generation Exchange=NYSE IndFinancialYearEnd=01DEC94:00:00:00
IndDatePrelimLoaded=0000-00-00 IndEarnPeriodInd=F IndQuartInd=4 IndBasicEarningsInd=Y
IndTemplate=U
IndPrelimFullInd=N IndProjectedFiscDate=0000-00-00 IndNumMonthsSinceLast=12
ISOperatingRevenue=1676.4
ISTotRev=0 ISAdjToRev=72.2 ISCOGS=1055 ISCOGSPlusDepr=1055 ISGrossMargin=0
ISGrossOperatingProfit=549.2 ISRandD=0 ISSGA=0 ISAdvertising=0 ISOpInc=0 EBITDA=549.2
ISDepr=194.3
ISDeprUnRec=194.3 ISAmort=0 ISAmortIntan=0 ISOperatingProfitAfterDep=354.9 ISIntIncome=0
ISEarnFromEquitInt=0 ISOtherInc=2.2 ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=0
ISSpecIncCharges=0 EBIT=357.1 ISIntExp=95.5 ISPreTaxIncome=261.6 ISIncTax=97.7 ISMinorInterest=0
ISPrefSecOfSubs=0 ISIncBeforeTax=0 ISNetIncCont=164 ISNetIncDis=0 ISNetIncomeTotalOperations=164
ISExtRev=0 ISIncAcctgChange=0 ISIncTaxLossForward=0 ISOtherGainLoss=0 ISTotalNetIncome=164
ISNormInc=164 ISNetIncForCommon=160.9 ISPrefDivs=3.1 ISExciseTax=0 ISEPSCon=1.24 ISEPSDis=0
BasicEPSFromTotalOperations=1.24 ISEPSExtra=0 ISEPSAcctChng=0 ISEPSTaxLoss=0 ISEPSOther=0
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DilutedEPSFromTotalOperations=1.23
ISEPSExtraDil=0 ISEPSAcctChngDil=0 ISEPSTaxLossDil=0 ISEPSOtherDil=0 DilutedEPSTotal=1.23
DilutedEPSNormalized=1.23 DividendsPaidPerShare=0.72 ISRevYTD=1676.4 ISNIYTD=164 ISEPSTotYTD=1.23
ISDivPerShareYTD=0.72 BSCash=40.4 BSResCash=0 BSSTSecurs=0 BSAR=86.3 BSLR=0 BSOR=0 BSTotRec=86.3
BSInvRawMat=0 BSInvWIP=0 BSInvPurchComp=0 BSInvFinGoods=0 BSInvOther=0 BSInvAdj=0 BSInv=162.5
BSPrepaidExpenses=0 BSDefTax=0 BSOthCA=38.7 BSTotalCurAssets=327.9 BSLandAndImpr=0
BSBldgAndImpr=0
BSMachFurnEquip=0 BSConstrInProg=0 BSOthFixAss=0 BSTotalFixedAssets=0 BSGrossFixAss=5597.1
BSCumDepr=2202.1 BSNetFixedAss=3395 BSIntangibles=0 BSCostInExcess=0 BSNonCurrentDeffTaxes=0
BSOthNonCurrAssets=221.6 BSTotNonCurAssets=3616.6 BSTotalAssets=3944.5 InventoryValuationMethod=6

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Uin:656331239

```
BSAcctsPayable=158.5 BSNotesPayable=0 BSSTDebt=340.8 BSAccrExp=0 BSAccrLiab=0 BSDeffRev=0
BSCurrDeffTax=0 BSOthCurLiab=141.8 BSTotalCurrentLiabilities=641 BSLTDebt=1180.3 BSCapLeaseObl=0
BSDeffTax=575.3 BSOthNonCurrLiab=252.6 BSMinorIntLiab=0 BSPrefSecOfSubsLiab=0
BSPrefEquityOutsideLiab=0 BSTotalNonCurrentLiabilities=2008.2 BSTotalLiabilities=2649.3
BSPrefStockEq=187.5 BSCommEq=1107.8 BSCommPar=870.9 BSPaidInCap=29.7 BSCumTransAdj=-1.5
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BSTotalLiabilitiesAndStockEquit=3944.6 BSCF=355.2 BSWC=-313.2 BSFCF=37.1 BSInvestedCap=2475.6
BSSharesOutCommon=127.8 BSPrefShares=2.2 BSTotOrdShares=0 TotalCommonSharesOut=127.8
BSTreasShares=20
BasicWeightedShares=0 DilutedWeightedShares=0 BSEmps=4441 BSPTEmps=NA CFONetInc=164
ISDepreciation=194.3 ISAmortization=0 ISAmortizationOfIntangibles=0 ISDeferredIncomeTaxes=-11.5
CFOOpGains=-6.5 CFOExtraGains=0 CFOChgRec=28.8 CFOChgInv=-11 CF_Increase_DecreasePrepaidExpe=0
CFOChgOthCurrAss=0 CFOChgPayables=-34.1 CFOChgOthCurrLiab=-4.4 CFOChgOthWC=0 CFOOthNonCash=16.8
CFONetCashContOps=336.4 CFONetCashDiscOps=0 CFNetCashFromTotalOperatingActi=336.4 CFISalePPE=0
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NetChangeInCashAndEquivalents=24.3
NetCashFlowCashBegin=16.1 NetCashFlowCashEnd=40.4 ForeignSales=0 DomesticSales=0 AuditName=NA
AuditReport=NA ClosePE=12.1 HighPE=13.4 LowPE=10.6 GrossMargin=37.1 PreTaxMargin=15.6
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IncPerEmp=36929
NormClosePE=12.1 NormHighPE=13.4 NormLowPE=10.6 NormNetProfit=9.8 NormROE=14.8 NormROA=4.2
NormROCI=6.6 NormIncPerEmp=36929 QuickRatio=0.2 CurrentRatio=0.5 PayoutRatio=59 TotDebtToEq=1.37
LTDebtToTotCap=0.48 LeverageRatio=3.6 AssetTurnover=0.4 CashOfRev=2.4 ReceivOfRev=5.1 SGAOfRev=0
RDOfRev=0 RevPerCash=41.5 RevPerNetPlant=0.49 RevPerCommonEq=1.51 RevPerInvCap=0.68
RecTurnover=16.6
InvTurnover=5.9 RecPerDaySales=18.53 SalesPerRec=19.43 SalesPerInv=10.32 RevOfAssets=0.4
DaysCOGInInv=61 CurrAssPerShare=2.57 TotAssPerShare=30.86 IntagiblesOfBook=0 InvOfRev=9.7
LTDebtPerShare=9.23 CurrLiabPerShare=5.02 CashPerShare=0.32 LTDebtToEq=1.07 LTDebtOfInvCap=47.7
LTDebtOfTotDebt=44.6 TotDebtToTotAss=67.2 WCOfEquity=-28.3 RevPerShare=13.12 BookPerShare=8.67
TangBookPerShare=8.67 PriceToRev=1.13 PriceToEq=1.72 PriceToTang=1.72 WCOfPrice=-16.5
WCPerShare=-2.45
CFPerShare=2.78 FCFPerShare=0.29 ROE=14.8 ROCI=6.6 ROA=4.2 PriceOfCF=5.4 PriceOfFCF=51.3
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PriceCashflowToIndustry=110.2
PriceFreeCashflowToIndustry=28.6 DebtEquityToIndustry=100 CurrentRatioToIndustry=55.6
GrossProfitMarginToIndustry=83.9 PretaxProfitMarginToIndustry=102
PosttaxProfitMarginToIndustry=104.3
NetProfitMarginToIndustry=103.2 ROEToIndustry=125.4 LeverageToIndustry=109.1 InfoAvailDate=.
FiscalYearDate=12753 FiscalYear=1994 _ERROR_=1 _N_=168
NOTE: Invalid argument to function INPUT at line 1519 column 15.
Symbol=NWE Name=NorthWestern Corporation LastSale=49.6 MarketCap=1941330310.4 IPOyear=NA
Sector=Public Utilitie Industry=Power Generation Exchange=NYSE
IndFinancialYearEnd=01DEC93:00:00:00
IndDatePrelimLoaded=0000-00-00 IndEarnPeriodInd=F IndQuartInd=4 IndBasicEarningsInd=N
IndTemplate=
IndPrelimFullInd=N IndProjectedFiscDate=0000-00-00 IndNumMonthsSinceLast=12
ISOperatingRevenue=153.3
ISTotRev=153.3 ISAdjToRev=6.1 ISCOGS=108.3 ISCOGSPlusDepr=108.3 ISGrossMargin=0
ISGrossOperatingProfit=38.9 ISRandD=0 ISSGA=0 ISAdvertising=0 ISOpInc=0 EBITDA=38.9 ISDepr=11.6
ISDeprUnRec=11.6 ISAmort=0 ISAmortIntan=0 ISOperatingProfitAfterDep=27.3 ISIntIncome=0
ISEarnFromEquitInt=0 ISOtherInc=3.8 ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=0
ISSpecIncCharges=0 EBIT=31.1 ISIntExp=8.9 ISPreTaxIncome=22.2 ISIncTax=6.9 ISMinorInterest=0
ISPrefSecOfSubs=0 ISIncBeforeTax=0 ISNetIncCont=15.2 ISNetIncDis=0
ISNetIncomeTotalOperations=15.2
ISExtRev=0 ISIncAcctgChange=0 ISIncTaxLossForward=0 ISOtherGainLoss=0 ISTotalNetIncome=15.2
ISNormInc=15.2 ISNetIncForCommon=15.1 ISPrefDivs=0.1 ISExciseTax=0 ISEPSCon=0.98 ISEPSDis=0
BasicEPSFromTotalOperations=0.98 ISEPSExtra=0 ISEPSAcctChng=0 ISEPSTaxLoss=0 ISEPSOther=0
BasicEPSTotal=0.98 BaicEPSNorm=0.98 ISEPSConDil=0.98 ISEPSDisDil=0
DilutedEPSFromTotalOperations=0.98
ISEPSExtraDil=0 ISEPSAcctChngDil=0 ISEPSTaxLossDil=0 ISEPSOtherDil=0 DilutedEPSTotal=0.98
DilutedEPSNormalized=0.98 DividendsPaidPerShare=0.82 ISRevYTD=153.3 ISNIYTD=15.2 ISEPSTotYTD=0.98
ISDivPerShareYTD=0.82 BSCash=3.1 BSResCash=0 BSSTSecurs=0 BSAR=0 BSLR=0 BSOR=0 BSTotRec=11.2
BSInvRawMat=0 BSInvWIP=0 BSInvPurchComp=0 BSInvFinGoods=0 BSInvOther=0 BSInvAdj=0 BSInv=13.2
BSPrepaidExpenses=0 BSDefTax=0 BSOthCA=6.5 BSTotalCurAssets=34 BSLandAndImpr=0 BSBldgAndImpr=0
BSMachFurnEquip=0 BSConstrInProg=0 BSOthFixAss=0 BSTotalFixedAssets=0 BSGrossFixAss=369.1
BSCumDepr=130.6 BSNetFixedAss=238.5 BSIntangibles=0 BSCostInExcess=0 BSNonCurrentDeffTaxes=0
BSOthNonCurrAssets=71.1 BSTotNonCurAssets=309.6 BSTotalAssets=343.6 InventoryValuationMethod=3
BSAcctsPayable=10.4 BSNotesPayable=0 BSSTDebt=0.6 BSAccrExp=0 BSAccrLiab=0 BSDeffRev=0
BSCurrDeffTax=0
BSOthCurLiab=16.8 BSTotalCurrentLiabilities=27.8 BSLTDebt=126.6 BSCapLeaseObl=0 BSDeffTax=35.7
BSOthNonCurrLiab=41.1 BSMinorIntLiab=0 BSPrefSecOfSubsLiab=0 BSPrefEquityOutsideLiab=0
BSTotalNonCurrentLiabilities=203.4 BSTotalLiabilities=231.2 BSPrefStockEq=2.7 BSCommEq=109.7
BSCommPar=0 BSPaidInCap=0 BSCumTransAdj=0 BSRetEarn=52.9 BSTreasStock=0 BSOtherEqAdj=0 BSTotCap=0
BSTotalEquity=112.4 BSTotalLiabilitiesAndStockEquit=343.6 BSCF=26.7 BSWC=6.2 BSFCF=-8.3
BSInvestedCap=239 BSSharesOutCommon=15.4 BSPrefShares=0 BSTotOrdShares=0
TotalCommonSharesOut=15.4
BSTreasShares=0 BasicWeightedShares=0 DilutedWeightedShares=0 BSEmps=473 BSPTEmps=NA
CFONetInc=15.2
ISDepreciation=11.6 ISAmortization=0 ISAmortizationOfIntangibles=0 ISDeferredIncomeTaxes=-1.4
CFOOpGains=0 CFOExtraGains=0 CFOChgRec=-2.1 CFOChgInv=-0.1 CF_Increase_DecreasePrepaidExpe=0
CFOChgOthCurrAss=-1.1 CFOChgPayables=-1.6 CFOChgOthCurrLiab=4.1 CFOChgOthWC=0 CFOOthNonCash=-0.6
CFONetCashContOps=24 CFONetCashDiscOps=0 CFNetCashFromTotalOperatingActi=24 CFISalePPE=0
CFISaleLTInvests=0 CFISaleSTInvests=0 CFIPurchPPE=-19.7 CFIAcquisitions=0 CFIPurchLTInvests=0
CFIPurchSTInvests=0 CFIChgOthInvests=-9.8 CFICashFromDisc=0 CFNetCashFromInvestingActivitie=-29.5
```

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CFFDebtIssued=76.5 CFFCapStockIssued=0 CFFLTDebtRepay=-58.9 CFFCapStockRePurch=0 CFFDividends=-12.6
CFFOthFinCharges=0 CFFCashFromDiscFinancing=0 CFNetCashFromFinancingActivitie=4.9
NetCashFlowExchRateChanges=0 NetChangeInCashAndEquivalents=-0.6 NetCashFlowCashBegin=3.7
NetCashFlowCashEnd=0 ForeignSales=0 DomesticSales=0 AuditName=NA AuditReport=NA ClosePE=14.7
HighPE=17.1 LowPE=13.4 GrossMargin=29.4 PreTaxMargin=14.5 PostTaxMargin=9.9 NetProfit=9.9
InterestCov=3.5 IntAsPctInvCap=3.7 EffTaxRate=31.1 IncPerEmp=32135 NormClosePE=14.7
NormHighPE=17.1
NormLowPE=13.4 NormNetProfit=9.9 NormROE=13.9 NormROA=4.4 NormROCI=6.4 NormIncPerEmp=32135
QuickRatio=0.5 CurrentRatio=1.2 PayoutRatio=84 TotDebtToEq=1.16 LTDebtToTotCap=0.53
LeverageRatio=3.1
AssetTurnover=0.5 CashOfRev=2 ReceivOfRev=7.3 SGAOfRev=0 RDOfRev=0 RevPerCash=49.45
RevPerNetPlant=0.64 RevPerCommonEq=1.4 RevPerInvCap=0.64 RecTurnover=15.1 InvTurnover=8.2
RecPerDaySales=26.3 SalesPerRec=13.69 SalesPerInv=11.61 RevOfAssets=0.4 DaysCOGInInv=44
CurrAssPerShare=2.21 TotAssPerShare=22.38 IntagiblesOfBook=0 InvOfRev=8.6 LTDebtPerShare=8.25
CurrLiabPerShare=1.81 CashPerShare=0.2 LTDebtToEq=1.15 LTDebtOfInvCap=53 LTDebtOfTotDebt=54.8
TotDebtToTotAss=67.3 WCOfEquity=5.7 RevPerShare=9.98 BookPerShare=7.14 TangBookPerShare=7.14
PriceToRev=1.44 PriceToEq=2.01 PriceToTang=2.01 WCOfPrice=2.8 WCPerShare=0.4 CFPerShare=1.74
FCFPerShare=-0.54 ROE=13.9 ROCI=6.4 ROA=4.4 PriceOfCF=8.3 PriceOfFCF=-26.6 SalesPerEmp=324101
SalesToIndustry=0.2 EarningsToIndustry=0.2 EPSToIndustry=50.5 PriceToIndustry=54.2
PEToIndustry=106.5
PriceBookToIndustry=131.4 PriceSalesToIndustry=119 PriceCashflowToIndustry=129.7
PriceFreeCashflowToIndustry=41.8 DebtEquityToIndustry=103.6 CurrentRatioToIndustry=133.3
GrossProfitMarginToIndustry=69.7 PretaxProfitMarginToIndustry=94.8
PosttaxProfitMarginToIndustry=105.3
NetProfitMarginToIndustry=105.3 ROEToIndustry=116.8 LeverageToIndustry=91.2 InfoAvailDate=.
FiscalYearDate=12388 FiscalYear=1993 _ERROR_=1 _N_=188
NOTE: Invalid argument to function INPUT at line 1519 column 15.
Symbol=PCG Name=Pacific Gas & Electric Co. LastSale=44.68 MarketCap=21062669171 IPOyear=NA
Sector=Public Utilitie Industry=Power Generation Exchange=NYSE
IndFinancialYearEnd=01DEC93:00:00:00
IndDatePrelimLoaded=0000-00-00 IndEarnPeriodInd=F IndQuartInd=4 IndBasicEarningsInd=N
IndTemplate=
IndPrelimFullInd=N IndProjectedFiscDate=0000-00-00 IndNumMonthsSinceLast=12
ISOperatingRevenue=10582.4
ISTotRev=10582.4 ISAdjToRev=297.5 ISCOGS=6117.4 ISCOGSPlusDepr=6117.4 ISGrossMargin=0
ISGrossOperatingProfit=4167.5 ISRandD=0 ISSGA=0 ISAdvertising=0 ISOpInc=0 EBITDA=4167.5
ISDepr=1451.3
ISDeprUnRec=1451.3 ISAmort=0 ISAmortIntan=0 ISOperatingProfitAfterDep=2716.2 ISIntIncome=0
ISEarnFromEquitInt=0 ISOtherInc=127.2 ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=0
ISSpecIncCharges=0 EBIT=2843.4 ISIntExp=771.1 ISPreTaxIncome=2072.3 ISIncTax=1006.8
ISMinorInterest=0
ISPrefSecOfSubs=0 ISIncBeforeTax=0 ISNetIncCont=1065.5 ISNetIncDis=0
ISNetIncomeTotalOperations=1065.5
ISExtRev=0 ISIncAcctgChange=0 ISIncTaxLossForward=0 ISOtherGainLoss=0 ISTotalNetIncome=1065.5
ISNormInc=1065.5 ISNetIncForCommon=1001.7 ISPrefDivs=63.8 ISExciseTax=0 ISEPSCon=2.33 ISEPSDis=0
BasicEPSFromTotalOperations=2.33 ISEPSExtra=0 ISEPSAcctChng=0 ISEPSTaxLoss=0 ISEPSOther=0
BasicEPSTotal=2.33 BaicEPSNorm=2.33 ISEPSConDil=2.33 ISEPSDisDil=0
DilutedEPSFromTotalOperations=2.33
ISEPSExtraDil=0 ISEPSAcctChngDil=0 ISEPSTaxLossDil=0 ISEPSOtherDil=0 DilutedEPSTotal=2.33
DilutedEPSNormalized=2.33 DividendsPaidPerShare=1.85 ISRevYTD=10582.4 ISNIYTD=1065.5
ISEPSTotYTD=2.33
ISDivPerShareYTD=1.85 BSCash=61.1 BSResCash=0 BSSTSecurs=0 BSAR=0 BSLR=0 BSOR=0 BSTotRec=2357
BSInvRawMat=0 BSInvWIP=0 BSInvPurchComp=0 BSInvFinGoods=0 BSInvOther=0 BSInvAdj=0 BSInv=654.2
BSPrepaidExpenses=0 BSDefTax=0 BSOthCA=56.1 BSTotalCurAssets=3128.3 BSLandAndImpr=0
BSBldgAndImpr=0
BSMachFurnEquip=0 BSConstrInProg=0 BSOthFixAss=0 BSTotalFixedAssets=0 BSGrossFixAss=30298.9
BSCumDepr=11235.5 BSNetFixedAss=19063.4 BSIntangibles=0 BSCostInExcess=0 BSNonCurrentDeffTaxes=0
BSOthNonCurrAssets=4970.8 BSTotNonCurAssets=24034.2 BSTotalAssets=27162.5
InventoryValuationMethod=6
BSAcctsPayable=862.1 BSNotesPayable=0 BSSTDebt=985.6 BSAccrExp=0 BSAccrLiab=0 BSDeffRev=0
BSCurrDeffTax=0 BSOthCurLiab=1393 BSTotalCurrentLiabilities=3240.6 BSLTDebt=9292.1
BSCapLeaseObl=0
BSDeffTax=3979 BSOthNonCurrLiab=1321.8 BSMinorIntLiab=0 BSPrefSecOfSubsLiab=0
BSPrefEquityOutsideLiab=0 BSTotalNonCurrentLiabilities=14592.9 BSTotalLiabilities=17833.6
BSPrefStockEq=883 BSCommEq=8446 BSCommPar=0 BSPaidInCap=0 BSCumTransAdj=0 BSRetEarn=2643.5
BSTreasStock=0 BSOtherEqAdj=0 BSTotCap=0 BSTotalEquity=9329
BSTotalLiabilitiesAndStockEquit=27162.6
BSCF=2453 BSWC=-112.4 BSFCF=172.3 BSInvestedCap=18621.1 BSSharesOutCommon=427.2 BSPrefShares=35.3
BSTotOrdShares=0 TotalCommonSharesOut=427.2 BSTreasShares=0 BasicWeightedShares=0
DilutedWeightedShares=0 BSEmps=23000 BSPTEmps=NA CFONetInc=1065.5 ISDepreciation=1451.3
ISAmortization=0 ISAmortizationOfIntangibles=0 ISDeferredIncomeTaxes=319.2 CFOOpGains=-41.5
CFOExtraGains=0 CFOChgRec=-153.8 CFOChgInv=23.1 CF_Increase_DecreasePrepaidExpe=0
CFOChgOthCurrAss=0
CFOChgPayables=-39.4 CFOChgOthCurrLiab=168.4 CFOChgOthWC=0 CFOOthNonCash=0
CFONetCashContOps=2792.8
CFONetCashDiscOps=0 CFNetCashFromTotalOperatingActi=2792.8 CFISalePPE=0 CFISaleLTInvests=0
CFISaleSTInvests=0 CFIPurchPPE=-1763 CFIAcquisitions=0 CFIPurchLTInvests=0 CFIPurchSTInvests=0
CFIChgOthInvests=-302.9 CFICashFromDisc=0 CFNetCashFromInvestingActivitie=-2065.9
CFFDebtIssued=4584.5
CFFCapStockIssued=464.5 CFFLTDebtRepay=-4369.7 CFFCapStockRePurch=-560.4 CFFDividends=-857.5
CFFOthFinCharges=-24.9 CFFCashFromDiscFinancing=0 CFNetCashFromFinancingActivitie=-763.4
NetCashFlowExchRateChanges=0 NetChangeInCashAndEquivalents=-36.5 NetCashFlowCashBegin=97.6
NetCashFlowCashEnd=0 ForeignSales=0 DomesticSales=0 AuditName=NA AuditReport=NA ClosePE=15.1
HighPE=15.8 LowPE=13.6 GrossMargin=42.2 PreTaxMargin=19.6 PostTaxMargin=10.1 NetProfit=10.1
InterestCov=3.7 IntAsPctInvCap=4.1 EffTaxRate=0 IncPerEmp=46326 NormClosePE=15.1 NormHighPE=15.8
NormLowPE=13.6 NormNetProfit=10.1 NormROE=12.6 NormROA=3.9 NormROCI=5.7 NormIncPerEmp=46326
QuickRatio=0.7 CurrentRatio=1 PayoutRatio=79 TotDebtToEq=1.22 LTDebtToTotCap=0.5
LeverageRatio=3.2
AssetTurnover=0.4 CashOfRev=0.6 ReceivOfRev=22.3 SGAOfRev=0 RDOfRev=0 RevPerCash=173.2
RevPerNetPlant=0.56 RevPerCommonEq=1.25 RevPerInvCap=0.57 RecTurnover=4.6 InvTurnover=9.2

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RecPerDaySales=80.18 SalesPerRec=4.49 SalesPerInv=16.18 RevOfAssets=0.4 DaysCOGInInv=39
CurrAssPerShare=7.32 TotAssPerShare=63.58 IntagiblesOfBook=0 InvOfRev=6.2 LTDebtPerShare=21.75
CurrLiabPerShare=7.59 CashPerShare=0.14 LTDebtToEq=1.1 LTDebtOfInvCap=49.9 LTDebtOfTotDebt=52.1
TotDebtToTotAss=65.7 WCOfEquity=-1.3 RevPerShare=24.77 BookPerShare=19.77 TangBookPerShare=19.77
PriceToRev=1.42 PriceToEq=1.78 PriceToTang=1.78 WCOfPrice=-0.7 WCPerShare=-0.26 CFPerShare=5.74
FCFPerShare=0.4 ROE=12.6 ROCI=5.7 ROA=3.9 PriceOfCF=6.1 PriceOfFCF=87.8 SalesPerEmp=460104
SalesToIndustry=14.9 EarningsToIndustry=15.9 EPSToIndustry=120.1 PriceToIndustry=132.5
PEToIndustry=109.4 PriceBookToIndustry=116.3 PriceSalesToIndustry=117.4
PriceCashflowToIndustry=95.3
PriceFreeCashflowToIndustry=-137. DebtEquityToIndustry=99.1 CurrentRatioToIndustry=111.1
GrossProfitMarginToIndustry=100 PretaxProfitMarginToIndustry=128.1
PosttaxProfitMarginToIndustry=107.4
NetProfitMarginToIndustry=107.4 ROEToIndustry=105.9 LeverageToIndustry=94.1 InfoAvailDate=.
FiscalYearDate=12388 FiscalYear=1993 _ERROR_=1 _N_=209
NOTE: Invalid argument to function INPUT at line 1519 column 15.
Symbol=PCG Name=Pacific Gas & Electric Co. LastSale=44.68 MarketCap=21062669171 IPOyear=NA
Sector=Public Utilitie Industry=Power Generation Exchange=NYSE
IndFinancialYearEnd=01DEC94:00:00:00
IndDatePrelimLoaded=0000-00-00 IndEarnPeriodInd=F IndQuartInd=4 IndBasicEarningsInd=N
IndTemplate=
IndPrelimFullInd=N IndProjectedFiscDate=0000-00-00 IndNumMonthsSinceLast=12
ISOperatingRevenue=10447.4
ISTotRev=10447.4 ISAdjToRev=296.9 ISCOGS=4501.2 ISCOGSPlusDepr=4501.2 ISGrossMargin=0
ISGrossOperatingProfit=5649.3 ISRandD=0 ISSGA=1644.2 ISAdvertising=0 ISOpInc=0 EBITDA=4005.1
ISDepr=1447.1 ISDeprUnRec=1447.1 ISAmort=0 ISAmortIntan=0 ISOperatingProfitAfterDep=2558
ISIntIncome=0
ISEarnFromEquitInt=0 ISOtherInc=118.8 ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=0
ISSpecIncCharges=0 EBIT=2676.8 ISIntExp=744.7 ISPreTaxIncome=1932.1 ISIncTax=924.6
ISMinorInterest=0
ISPrefSecOfSubs=0 ISIncBeforeTax=0 ISNetIncCont=1007.5 ISNetIncDis=0
ISNetIncomeTotalOperations=1007.5
ISExtRev=0 ISIncAcctgChange=0 ISIncTaxLossForward=0 ISOtherGainLoss=0 ISTotalNetIncome=1007.5
ISNormInc=1007.5 ISNetIncForCommon=949.9 ISPrefDivs=57.6 ISExciseTax=0 ISEPSCon=2.21 ISEPSDis=0
BasicEPSFromTotalOperations=2.21 ISEPSExtra=0 ISEPSAcctChng=0 ISEPSTaxLoss=0 ISEPSOther=0
BasicEPSTotal=2.21 BaicEPSNorm=2.21 ISEPSConDil=2.21 ISEPSDisDil=0
DilutedEPSFromTotalOperations=2.21
ISEPSExtraDil=0 ISEPSAcctChngDil=0 ISEPSTaxLossDil=0 ISEPSOtherDil=0 DilutedEPSTotal=2.21
DilutedEPSNormalized=2.21 DividendsPaidPerShare=1.94 ISRevYTD=10447.4 ISNIYTD=1007.5
ISEPSTotYTD=2.21
ISDivPerShareYTD=1.94 BSCash=136.9 BSResCash=0 BSSTSecurs=0 BSAR=0 BSLR=0 BSOR=0 BSTotRec=2827.1
BSInvRawMat=0 BSInvWIP=0 BSInvPurchComp=0 BSInvFinGoods=0 BSInvOther=0 BSInvAdj=0 BSInv=541.8
BSPrepaidExpenses=0 BSDefTax=0 BSOthCA=33.3 BSTotalCurAssets=3539.1 BSLandAndImpr=0
BSBldgAndImpr=0
BSMachFurnEquip=0 BSConstrInProg=0 BSOthFixAss=0 BSTotalFixedAssets=0 BSGrossFixAss=31140.3
BSCumDepr=12269.4 BSNetFixedAss=18870.9 BSIntangibles=0 BSCostInExcess=0 BSNonCurrentDeffTaxes=0
BSOthNonCurrAssets=5399.1 BSTotNonCurAssets=24270 BSTotalAssets=27809.1
InventoryValuationMethod=6
BSAcctsPayable=752 BSNotesPayable=0 BSSTDebt=1001.7 BSAccrExp=0 BSAccrLiab=0 BSDeffRev=0
BSCurrDeffTax=0 BSOthCurLiab=1808 BSTotalCurrentLiabilities=3561.7 BSLTDebt=8675.1
BSCapLeaseObl=0
BSDeffTax=3902.6 BSOthNonCurrLiab=2164.1 BSMinorIntLiab=0 BSPrefSecOfSubsLiab=0
BSPrefEquityOutsideLiab=0 BSTotalNonCurrentLiabilities=14741.8 BSTotalLiabilities=18303.5
BSPrefStockEq=870.5 BSCommEq=8635 BSCommPar=0 BSPaidInCap=0 BSCumTransAdj=0 BSRetEarn=2677.3
BSTreasStock=0 BSOtherEqAdj=0 BSTotCap=0 BSTotalEquity=9505.5
BSTotalLiabilitiesAndStockEquit=27809
BSCF=2397 BSWC=-22.6 BSFCF=961.3 BSInvestedCap=18180.6 BSSharesOutCommon=430.2 BSPrefShares=34.8
BSTotOrdShares=0 TotalCommonSharesOut=430.2 BSTreasShares=0 BasicWeightedShares=0
DilutedWeightedShares=0 BSEmps=23000 BSPTEmps=NA CFONetInc=1007.5 ISDepreciation=1447.1
ISAmortization=0 ISAmortizationOfIntangibles=0 ISDeferredIncomeTaxes=15.3 CFOOpGains=119
CFOExtraGains=0 CFOChgRec=-470.1 CFOChgInv=112.4 CF_Increase_DecreasePrepaidExpe=0
CFOChgOthCurrAss=0
CFOChgPayables=-110 CFOChgOthCurrLiab=314.4 CFOChgOthWC=0 CFOOthNonCash=512.2
CFONetCashContOps=2947.7
CFONetCashDiscOps=0 CFNetCashFromTotalOperatingActi=2947.7 CFISalePPE=0 CFISaleLTInvests=0
CFISaleSTInvests=0 CFIPurchPPE=-1094.5 CFIAcquisitions=0 CFIPurchLTInvests=0 CFIPurchSTInvests=0
CFIChgOthInvests=-371.1 CFICashFromDisc=0 CFNetCashFromInvestingActivitie=-1465.6
CFFDebtIssued=60.9
CFFCapStockIssued=336.6 CFFLTDebtRepay=-676.2 CFFCapStockRePurch=-264.8 CFFDividends=-891.9
CFFOthFinCharges=29.1 CFFCashFromDiscFinancing=0 CFNetCashFromFinancingActivitie=-1406.2
NetCashFlowExchRateChanges=0 NetChangeInCashAndEquivalents=75.8 NetCashFlowCashBegin=61.1
NetCashFlowCashEnd=0 ForeignSales=0 DomesticSales=0 AuditName=NA AuditReport=NA ClosePE=11
HighPE=15.8
LowPE=9.7 GrossMargin=56.9 PreTaxMargin=18.5 PostTaxMargin=9.6 NetProfit=9.6 InterestCov=3.6
IntAsPctInvCap=4.1 EffTaxRate=0 IncPerEmp=43804 NormClosePE=11 NormHighPE=15.8 NormLowPE=9.7
NormNetProfit=9.6 NormROE=11.7 NormROA=3.6 NormROCI=5.5 NormIncPerEmp=43804 QuickRatio=0.8
CurrentRatio=1 PayoutRatio=88 TotDebtToEq=1.12 LTDebtToTotCap=0.48 LeverageRatio=3.2
AssetTurnover=0.4
CashOfRev=1.3 ReceivOfRev=27.1 SGAOfRev=15.7 RDOfRev=0 RevPerCash=76.31 RevPerNetPlant=0.55
RevPerCommonEq=1.21 RevPerInvCap=0.57 RecTurnover=4 InvTurnover=7.5 RecPerDaySales=97.42
SalesPerRec=3.7 SalesPerInv=19.28 RevOfAssets=0.4 DaysCOGInInv=48 CurrAssPerShare=8.23
TotAssPerShare=64.64 IntagiblesOfBook=0 InvOfRev=5.2 LTDebtPerShare=20.16 CurrLiabPerShare=8.28
CashPerShare=0.32 LTDebtToEq=1 LTDebtOfInvCap=47.7 LTDebtOfTotDebt=47.4 TotDebtToTotAss=65.8
WCOfEquity=-0.3 RevPerShare=24.28 BookPerShare=20.07 TangBookPerShare=20.07 PriceToRev=1
PriceToEq=1.21 PriceToTang=1.21 WCOfPrice=-0.2 WCPerShare=-0.05 CFPerShare=5.57 FCFPerShare=2.23
ROE=11.7 ROCI=5.5 ROA=3.6 PriceOfCF=4.4 PriceOfFCF=10.9 SalesPerEmp=454235 SalesToIndustry=14.2
EarningsToIndustry=14.4 EPSToIndustry=112.2 PriceToIndustry=113.7 PEToIndustry=100
PriceBookToIndustry=100 PriceSalesToIndustry=103.1 PriceCashflowToIndustry=89.8
PriceFreeCashflowToIndustry=6.1 DebtEquityToIndustry=93.5 CurrentRatioToIndustry=111.1
GrossProfitMarginToIndustry=128.7 PretaxProfitMarginToIndustry=120.9
PosttaxProfitMarginToIndustry=102.1 NetProfitMarginToIndustry=101.1 ROEToIndustry=99.2
LeverageToIndustry=97 InfoAvailDate=. FiscalYearDate=12753 FiscalYear=1994 _ERROR_=1 _N_=210

Srija Gupta
Uin:656331239

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NOTE: Invalid argument to function INPUT at line 1519 column 15.
Symbol=PEG Name=Public Service Enterprise Gr LastSale=37.22 MarketCap=18829105058 IPOyear=NA
Sector=Public Utilitie Industry=Power Generation Exchange=NYSE
IndFinancialYearEnd=01DEC93:00:00:00
IndDatePrelimLoaded=0000-00-00 IndEarnPeriodInd=F IndQuartInd=4 IndBasicEarningsInd=N
IndTemplate=
IndPrelimFullInd=N IndProjectedFiscDate=0000-00-00 IndNumMonthsSinceLast=12
ISOperatingRevenue=5705.6
ISTotRev=5705.6 ISAdjToRev=673.9 ISCOGS=3009.8 ISCOGSPlusDepr=3009.8 ISGrossMargin=0
ISGrossOperatingProfit=2021.9 ISRandD=0 ISSGA=0 ISAdvertising=0 ISOpInc=0 EBITDA=2021.9
ISDepr=600.3
ISDeprUnRec=600.3 ISAmort=0 ISAmortIntan=0 ISOperatingProfitAfterDep=1421.6 ISIntIncome=0
ISEarnFromEquitInt=0 ISOtherInc=33.1 ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=0
ISSpecIncCharges=0 EBIT=1454.7 ISIntExp=544.4 ISPreTaxIncome=910.3 ISIncTax=314.8
ISMinorInterest=0
ISPrefSecOfSubs=0 ISIncBeforeTax=0 ISNetIncCont=595.5 ISNetIncDis=0
ISNetIncomeTotalOperations=595.5
ISExtRev=0 ISIncAcctgChange=5.4 ISIncTaxLossForward=0 ISOtherGainLoss=0 ISTotalNetIncome=600.9
ISNormInc=595.5 ISNetIncForCommon=557.4 ISPrefDivs=38.1 ISExciseTax=0 ISEPSCon=2.29 ISEPSDis=0.19
BasicEPSFromTotalOperations=2.48 ISEPSExtra=0 ISEPSAcctChng=0.02 ISEPSTaxLoss=0 ISEPSOther=0
BasicEPSTotal=2.5 BaicEPSNorm=2.29 ISEPSConDil=2.29 ISEPSDisDil=0.19
DilutedEPSFromTotalOperations=2.48 ISEPSExtraDil=0 ISEPSAcctChngDil=0.02 ISEPSTaxLossDil=0
ISEPSOtherDil=0 DilutedEPSTotal=2.5 DilutedEPSNormalized=2.29 DividendsPaidPerShare=2.16
ISRevYTD=5705.6 ISNIYTD=595.5 ISEPSTotYTD=2.48 ISDivPerShareYTD=2.16 BSCash=46.9 BSResCash=0
BSSTSecurs=0 BSAR=0 BSLR=0 BSOR=0 BSTotRec=896.5 BSInvRawMat=0 BSInvWIP=0 BSInvPurchComp=0
BSInvFinGoods=0 BSInvOther=0 BSInvAdj=0 BSInv=458.3 BSPrepaidExpenses=0 BSDefTax=0 BSOthCA=95.5
BSTotalCurAssets=1497.3 BSLandAndImpr=0 BSBldgAndImpr=0 BSMachFurnEquip=0 BSConstrInProg=0
BSOthFixAss=0 BSTotalFixedAssets=0 BSGrossFixAss=15577.3 BSCumDepr=4772.9 BSNetFixedAss=10804.4
BSIntangibles=0 BSCostInExcess=0 BSNonCurrentDeffTaxes=0 BSOthNonCurrAssets=4003.6
BSTotNonCurAssets=14808 BSTotalAssets=16305.2 InventoryValuationMethod=3 BSAcctsPayable=557.8
BSNotesPayable=0 BSSTDebt=746.2 BSAccrExp=0 BSAccrLiab=0 BSDeffRev=0 BSCurrDeffTax=0
BSOthCurLiab=567.8 BSTotalCurrentLiabilities=1871.8 BSLTDebt=5308.8 BSCapLeaseObl=0
BSDeffTax=2702.4
BSOthNonCurrLiab=708.5 BSMinorIntLiab=0 BSPrefSecOfSubsLiab=0 BSPrefEquityOutsideLiab=0
BSTotalNonCurrentLiabilities=8719.7 BSTotalLiabilities=10591.5 BSPrefStockEq=580 BSCommEq=5133.7
BSCommPar=0 BSPaidInCap=0 BSCumTransAdj=0 BSRetEarn=1361 BSTreasStock=0 BSOtherEqAdj=0 BSTotCap=0
BSTotalEquity=5713.7 BSTotalLiabilitiesAndStockEquit=16305.2 BSCF=1157.7 BSWC=-374.5 BSFCF=-465.2
BSInvestedCap=11022.5 BSSharesOutCommon=243.7 BSPrefShares=0 BSTotOrdShares=0
TotalCommonSharesOut=243.7 BSTreasShares=0 BasicWeightedShares=0 DilutedWeightedShares=0
BSEmps=12428
BSPTEmps=NA CFONetInc=595.5 ISDepreciation=600.3 ISAmortization=0 ISAmortizationOfIntangibles=0
ISDeferredIncomeTaxes=168.4 CFOOpGains=-8.6 CFOExtraGains=0 CFOChgRec=-61.6 CFOChgInv=16.4
CF_Increase_DecreasePrepaidExpe=0 CFOChgOthCurrAss=0 CFOChgPayables=83.8 CFOChgOthCurrLiab=-344.2
CFOChgOthWC=0 CFOOthNonCash=-42.3 CFONetCashContOps=1007.7 CFONetCashDiscOps=0
CFNetCashFromTotalOperatingActi=1007.7 CFISalePPE=0 CFISaleLTInvests=0 CFISaleSTInvests=0
CFIPurchPPE=-951.3 CFIAcquisitions=0 CFIPurchLTInvests=0 CFIPurchSTInvests=0 CFIChgOthInvests=-
41.6
CFICashFromDisc=0 CFNetCashFromInvestingActivitie=-992.8 CFFDebtIssued=2323.4
CFFCapStockIssued=348.5
CFFLTDebtRepay=-2084 CFFCapStockRePurch=0 CFFDividends=-521.6 CFFOthFinCharges=-65.9
CFFCashFromDiscFinancing=0 CFNetCashFromFinancingActivitie=0.4 NetCashFlowExchRateChanges=0
NetChangeInCashAndEquivalents=15.2 NetCashFlowCashBegin=31.7 NetCashFlowCashEnd=0 ForeignSales=0
DomesticSales=0 AuditName=NA AuditReport=NA ClosePE=12.9 HighPE=14.6 LowPE=12.1 GrossMargin=47.2
PreTaxMargin=16 PostTaxMargin=10.4 NetProfit=10.4 InterestCov=2.7 IntAsPctInvCap=4.9
EffTaxRate=34.6
IncPerEmp=47916 NormClosePE=14 NormHighPE=15.8 NormLowPE=13.1 NormNetProfit=10.4 NormROE=11.6
NormROA=3.7 NormROCI=5.4 NormIncPerEmp=47916 QuickRatio=0.5 CurrentRatio=0.8 PayoutRatio=87
TotDebtToEq=1.18 LTDebtToTotCap=0.48 LeverageRatio=3.2 AssetTurnover=0.4 CashOfRev=0.8
ReceivOfRev=15.7 SGAOfRev=0 RDOfRev=0 RevPerCash=121.65 RevPerNetPlant=0.53 RevPerCommonEq=1.11
RevPerInvCap=0.52 RecTurnover=6.6 InvTurnover=6.5 RecPerDaySales=56.57 SalesPerRec=6.36
SalesPerInv=12.45 RevOfAssets=0.3 DaysCOGInInv=56 CurrAssPerShare=6.14 TotAssPerShare=66.89
IntagiblesOfBook=0 InvOfRev=8 LTDebtPerShare=21.78 CurrLiabPerShare=7.68 CashPerShare=0.19
LTDebtToEq=1.03 LTDebtOfInvCap=48.2 LTDebtOfTotDebt=50.1 TotDebtToTotAss=65 WCOfEquity=-7.3
RevPerShare=23.41 BookPerShare=21.06 TangBookPerShare=21.06 PriceToRev=1.37 PriceToEq=1.52
PriceToTang=1.52 WCOfPrice=-4.8 WCPerShare=-1.54 CFPerShare=4.75 FCFPerShare=-1.91 ROE=11.6
ROCI=5.4
ROA=3.7 PriceOfCF=6.7 PriceOfFCF=-16.8 SalesPerEmp=459092 SalesToIndustry=8
EarningsToIndustry=8.9
EPSToIndustry=127.8 PriceToIndustry=120.7 PEToIndustry=93.5 PriceBookToIndustry=99.3
PriceSalesToIndustry=113.2 PriceCashflowToIndustry=104.7 PriceFreeCashflowToIndustry=26.4
DebtEquityToIndustry=92.8 CurrentRatioToIndustry=88.9 GrossProfitMarginToIndustry=111.8
PretaxProfitMarginToIndustry=104.6 PosttaxProfitMarginToIndustry=110.6
NetProfitMarginToIndustry=110.6
ROEToIndustry=97.5 LeverageToIndustry=94.1 InfoAvailDate=. FiscalYearDate=12388 FiscalYear=1993
_ERROR_=1 _N_=230
NOTE: Invalid argument to function INPUT at line 1519 column 15.
WARNING: Limit set by ERRORS= option reached. Further errors of this type will not be printed.
Symbol=PEG Name=Public Service Enterprise Gr LastSale=37.22 MarketCap=18829105058 IPOyear=NA
Sector=Public Utilitie Industry=Power Generation Exchange=NYSE
IndFinancialYearEnd=01DEC94:00:00:00
IndDatePrelimLoaded=0000-00-00 IndEarnPeriodInd=F IndQuartInd=4 IndBasicEarningsInd=Y
IndTemplate=U
IndPrelimFullInd=N IndProjectedFiscDate=0000-00-00 IndNumMonthsSinceLast=12
ISOperatingRevenue=5915.8
ISTotRev=0 ISAdjToRev=665.4 ISCOGS=3055.6 ISCOGSPlusDepr=3055.6 ISGrossMargin=0
ISGrossOperatingProfit=2194.8 ISRandD=0 ISSGA=0 ISAdvertising=0 ISOpInc=0 EBITDA=2194.8
ISDepr=718.2
ISDeprUnRec=718.2 ISAmort=0 ISAmortIntan=0 ISOperatingProfitAfterDep=1476.6 ISIntIncome=0
ISEarnFromEquitInt=0 ISOtherInc=6.4 ISIncInProc=0 ISIncRestruct=0 ISOtherSpecCharges=0
ISSpecIncCharges=0 EBIT=1483 ISIntExp=491.4 ISPreTaxIncome=991.6 ISIncTax=312.6 ISMinorInterest=0
ISPrefSecOfSubs=0 ISIncBeforeTax=0 ISNetIncCont=679 ISNetIncDis=0 ISNetIncomeTotalOperations=679
```

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```
ISExtRev=0 ISIncAcctgChange=0 ISIncTaxLossForward=0 ISOtherGainLoss=0 ISTotalNetIncome=679
ISNormInc=679 ISNetIncForCommon=679 ISPrefDivs=0 ISExciseTax=0 ISEPSCon=2.78 ISEPSDis=0
BasicEPSFromTotalOperations=2.78 ISEPSExtra=0 ISEPSAcctChng=0 ISEPSTaxLoss=0 ISEPSOther=0
BasicEPSTotal=2.78 BaicEPSNorm=2.78 ISEPSConDil=2.78 ISEPSDisDil=0
DilutedEPSFromTotalOperations=2.78
ISEPSExtraDil=0 ISEPSAcctChngDil=0 ISEPSTaxLossDil=0 ISEPSOtherDil=0 DilutedEPSTotal=2.78
DilutedEPSNormalized=2.78 DividendsPaidPerShare=2.16 ISRevYTD=5915.8 ISNIYTD=679 ISEPSTotYTD=2.78
ISDivPerShareYTD=2.16 BSCash=67.9 BSResCash=0 BSSTSecurs=0 BSAR=605.1 BSLR=0 BSOR=0
BSTotRec=809.2
BSInvRawMat=0 BSInvWIP=0 BSInvPurchComp=0 BSInvFinGoods=0 BSInvOther=0 BSInvAdj=0 BSInv=417.2
BSPrepaidExpenses=0 BSDefTax=0 BSOthCA=62.7 BSTotalCurAssets=1356.9 BSLandAndImpr=0
BSBldgAndImpr=0
BSMachFurnEquip=0 BSConstrInProg=0 BSOthFixAss=0 BSTotalFixedAssets=0 BSGrossFixAss=16245.3
BSCumDepr=5147.1 BSNetFixedAss=11098.2 BSIntangibles=0 BSCostInExcess=0 BSNonCurrentDeffTaxes=0
BSOthNonCurrAssets=4262.3 BSTotNonCurAssets=15360.5 BSTotalAssets=16717.4
InventoryValuationMethod=3
BSAcctsPayable=433.5 BSNotesPayable=0 BSSTDebt=991.3 BSAccrExp=0 BSAccrLiab=0 BSDeffRev=0
BSCurrDeffTax=0 BSOthCurLiab=432.2 BSTotalCurrentLiabilities=1856.9 BSLTDebt=5180.7
BSCapLeaseObl=53.8
BSDeffTax=2905.4 BSOthNonCurrLiab=724.6 BSMinorIntLiab=0 BSPrefSecOfSubsLiab=0
BSPrefEquityOutsideLiab=0 BSTotalNonCurrentLiabilities=8864.5 BSTotalLiabilities=10721.5
BSPrefStockEq=685 BSCommEq=5311.2 BSCommPar=3801.2 BSPaidInCap=0 BSCumTransAdj=0 BSRetEarn=1510
BSTreasStock=0 BSOtherEqAdj=0 BSTotCap=11176.8 BSTotalEquity=5996.2
BSTotalLiabilitiesAndStockEquit=16717.7 BSCF=1397.2 BSWC=-500.1 BSFCF=-295 BSInvestedCap=11230.7
BSSharesOutCommon=244.7 BSPrefShares=0 BSTotOrdShares=0 TotalCommonSharesOut=244.7
BSTreasShares=0
BasicWeightedShares=0 DilutedWeightedShares=0 BSEmps=12428 BSPTEmps=NA CFONetInc=679
ISDepreciation=718.2 ISAmortization=0 ISAmortizationOfIntangibles=0 ISDeferredIncomeTaxes=138.9
CFOOpGains=-175.9 CFOExtraGains=0 CFOChgRec=84.4 CFOChgInv=41.2 CF_Increase_DecreasePrepaidExpe=0
CFOChgOthCurrAss=0 CFOChgPayables=-85.8 CFOChgOthCurrLiab=-168.1 CFOChgOthWC=0 CFOOthNonCash=0
CFONetCashContOps=1231.8 CFONetCashDiscOps=0 CFNetCashFromTotalOperatingActi=1231.8 CFISalePPE=0
CFISaleLTInvests=0 CFISaleSTInvests=58.4 CFIPurchPPE=-998.7 CFIAcquisitions=0 CFIPurchLTInvests=0
CFIPurchSTInvests=0 CFIChgOthInvests=-62.2 CFICashFromDisc=0 CFNetCashFromInvestingActivitie=-
1002.5
CFFDebtIssued=849.8 CFFCapStockIssued=253.5 CFFLTDebtRepay=-709.7 CFFCapStockRePurch=-120
CFFDividends=-528.1 CFFOthFinCharges=21.6 CFFCashFromDiscFinancing=0
CFNetCashFromFinancingActivitie=-232.8 NetCashFlowExchRateChanges=0
NetChangeInCashAndEquivalents=-3.5
NetCashFlowCashBegin=71.4 NetCashFlowCashEnd=67.9 ForeignSales=0 DomesticSales=0 AuditName=NA
AuditReport=NA ClosePE=9.5 HighPE=11.5 LowPE=8.6 GrossMargin=48.3 PreTaxMargin=16.8
PostTaxMargin=11.5
NetProfit=11.5 InterestCov=3 IntAsPctInvCap=4.4 EffTaxRate=31.5 IncPerEmp=54635 NormClosePE=9.5
NormHighPE=11.5 NormLowPE=8.6 NormNetProfit=11.5 NormROE=12.8 NormROA=4.1 NormROCI=6
NormIncPerEmp=54635 QuickRatio=0.5 CurrentRatio=0.7 PayoutRatio=78 TotDebtToEq=1.17
LTDebtToTotCap=0.47 LeverageRatio=3.1 AssetTurnover=0.4 CashOfRev=1.1 ReceivOfRev=13.7 SGAOfRev=0
RDOfRev=0 RevPerCash=87.13 RevPerNetPlant=0.53 RevPerCommonEq=1.11 RevPerInvCap=0.53
RecTurnover=6.9
InvTurnover=7 RecPerDaySales=49.24 SalesPerRec=7.31 SalesPerInv=14.18 RevOfAssets=0.4
DaysCOGInInv=52
CurrAssPerShare=5.55 TotAssPerShare=68.32 IntagiblesOfBook=0 InvOfRev=7.1 LTDebtPerShare=21.39
CurrLiabPerShare=7.59 CashPerShare=0.28 LTDebtToEq=0.99 LTDebtOfInvCap=46.6 LTDebtOfTotDebt=48.8
TotDebtToTotAss=64.1 WCOfEquity=-9.4 RevPerShare=24.18 BookPerShare=21.71 TangBookPerShare=21.71
PriceToRev=1.1 PriceToEq=1.22 PriceToTang=1.22 WCOfPrice=-7.7 WCPerShare=-2.04 CFPerShare=5.71
FCFPerShare=-1.21 ROE=12.8 ROCI=6 ROA=4.1 PriceOfCF=4.6 PriceOfFCF=-21.9 SalesPerEmp=476006
SalesToIndustry=8 EarningsToIndustry=9.7 EPSToIndustry=141.1 PriceToIndustry=123.7
PEToIndustry=86.4
PriceBookToIndustry=100.8 PriceSalesToIndustry=113.4 PriceCashflowToIndustry=93.9
PriceFreeCashflowToIndustry=-12.2 DebtEquityToIndustry=92.5 CurrentRatioToIndustry=77.8
GrossProfitMarginToIndustry=109.3 PretaxProfitMarginToIndustry=109.8
PosttaxProfitMarginToIndustry=122.3 NetProfitMarginToIndustry=121.1 ROEToIndustry=108.5
LeverageToIndustry=93.9 InfoAvailDate=. FiscalYearDate=12753 FiscalYear=1994 _ERROR_=1 _N_=231
NOTE: Mathematical operations could not be performed at the following places. The results of the
      operations have been set to missing values.
      Each place is given by: (Number of times) at (Line):(Column).
      31 at 1519:15
NOTE: There were 401 observations read from the data set STOCKS.ANNUALREPORTS.
      WHERE (sector='Public Utilitie') and (Industry='Power Generation');
NOTE: The data set WORK.MYCOMPANIESONEYEARLATER has 19 observations and 3 variables.
NOTE: DATA statement used (Total process time):
      real time           0.31 seconds
      cpu time            0.28 seconds


1522
1523
1524 data OneyearLaterWithPrice;
1525 merge MyCompaniesOneYearLater (in=OnCompanies)
1526        stocks.pricesrevised (in=OnPrices rename=(tic=symbol adjclose=LaterAdjClose) keep=tic
date
1526! close adjclose)
1527        ;
NOTE: Data file STOCKS.PRICESREVISED.DATA is in a format that is native to another host, or the
file
     encoding does not match the session encoding. Cross Environment Data Access will be used,
which
      might require additional CPU resources and might reduce performance.
1528 by symbol;
1529 if InfoAvailDate-5<=date<=InfoAvailDate-1;
1530  run;

NOTE: Missing values were generated as a result of performing an operation on missing values.
```

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```
      Each place is given by: (Number of times) at (Line):(Column).
      19498063 at 1529:23   19498063 at 1529:46
NOTE: There were 19 observations read from the data set WORK.MYCOMPANIESONEYEARLATER.
NOTE: There were 19609695 observations read from the data set STOCKS.PRICESREVISED.
NOTE: The data set WORK.ONEYEARLATERWITHPRICE has 61 observations and 6 variables.
NOTE: DATA statement used (Total process time):
      real time           9.09 seconds
      cpu time            8.89 seconds


1531        data PriceBeforeNextReport;
1532        set OneyearLaterWithPrice;
1533        by symbol date;
1534        if last.symbol;
1535        run;

NOTE: There were 61 observations read from the data set WORK.ONEYEARLATERWITHPRICE.
NOTE: The data set WORK.PRICEBEFORENEXTREPORT has 19 observations and 6 variables.
NOTE: DATA statement used (Total process time):
      real time           0.00 seconds
      cpu time            0.00 seconds


1536 data EvalBeforeNextReport;
1537 merge AvgRank (in=OnBase)
1538        PriceBeforeNextReport(in=OnNext)
1539         ;
1540  by symbol;
1541  if OnBase;
1542  return=(LaterAdjClose-AdjClose)/AdjClose;
1543  run;

NOTE: There were 19 observations read from the data set WORK.AVGRANK.
NOTE: There were 19 observations read from the data set WORK.PRICEBEFORENEXTREPORT.
NOTE: The data set WORK.EVALBEFORENEXTREPORT has 19 observations and 23 variables.
NOTE: DATA statement used (Total process time):
      real time           0.00 seconds
      cpu time            0.00 seconds


1544
1545 proc plot data=EvalBeforeNextReport;
1546 plot return*AvgRank=' '$symbol;
1547  run;

1548  quit;

NOTE: There were 19 observations read from the data set WORK.EVALBEFORENEXTREPORT.
NOTE: PROCEDURE PLOT used (Total process time):
      real time           0.10 seconds
      cpu time            0.01 seconds


1549 data MuchLaterPrice (keep=tic adjclose rename=(tic=symbol adjclose=adjclose2014));
1550 set stocks.pricesrevised;
NOTE: Data file STOCKS.PRICESREVISED.DATA is in a format that is native to another host, or the
file
     encoding does not match the session encoding. Cross Environment Data Access will be used,
which
      might require additional CPU resources and might reduce performance.
1551 if date="02Jan2014"d;
1552  run;

NOTE: There were 19609695 observations read from the data set STOCKS.PRICESREVISED.
NOTE: The data set WORK.MUCHLATERPRICE has 5632 observations and 2 variables.
NOTE: DATA statement used (Total process time):
      real time           8.32 seconds
      cpu time            8.29 seconds


1553
1554 data LaterReturn;
1555 merge EvalBeforeNextReport (in=OnBase)
1556        MuchLaterPrice (in=OnLater);
1557  by symbol;
1558  if OnBase;
1559  return2014=(adjclose2014-AdjClose)/AdjClose;
1560  run;

NOTE: There were 19 observations read from the data set WORK.EVALBEFORENEXTREPORT.
NOTE: There were 5632 observations read from the data set WORK.MUCHLATERPRICE.
NOTE: The data set WORK.LATERRETURN has 19 observations and 25 variables.
NOTE: DATA statement used (Total process time):
      real time           0.07 seconds
      cpu time            0.00 seconds


1561
1562 proc plot data=LaterReturn;
1563 plot return2014*AvgRank=' ' $symbol;
1564  run;
```

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```
1565  quit;

NOTE: There were 19 observations read from the data set WORK.LATERRETURN.
NOTE: PROCEDURE PLOT used (Total process time):
      real time           0.07 seconds
      cpu time            0.03 seconds


1566
1567 proc reg data=LaterReturn;
1568 model return2014=AvgRank;
1569  run;

1570

NOTE: PROCEDURE REG used (Total process time):
      real time           1.04 seconds
      cpu time            0.32 seconds


1571 proc reg data=LaterReturn;
1572 model return=AvgRank;
1573  run;

1574  quit;

NOTE: PROCEDURE REG used (Total process time):
      real time           0.84 seconds
      cpu time            0.15 seconds
```