

Appendix A

Total Energy Consumption (TE)

TREND 85

```

TE = A + B*TE(-1)
Constant           2,867,989
Std Err of Y Est  1,873,682
R Squared          0.9864
No. of Observations 36 <= Historical Data = 1950 - 1985
Degrees of Freedoms 34
TE(-1)
X Coefficient(s)   0.9706
Std Err of Coef.   0.0196
T-Stat              49.6079
=====
YEAR      TE      TE(-1)      TE=A+B*TE(-1)
1949    30,456,751
1950    33,077,781  30,456,751
1951    35,466,822  33,077,781
=====
1984    74,144,006  70,524,724
1985    73,980,278  74,144,006
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997

```

TREND 90

```

TE = A + B*TE(-1)
Constant           2,318,977
Std Err of Y       1,848,612
R Squared          0.9878
No. of Observations 41 <=Historical Data = 1950 - 1990
Degrees of Freedom 39
TE(-1)
X Coefficient      0.9828
Std Err of Co       0.0175
T-Stat              56.1409
=====
YEAR      TE      TE(-1)      TE=A+B*TE(-1)
1949    30,456,751
1950    33,077,781  30,456,751
1951    35,466,822  33,077,781
=====
1989    81,320,610  80,217,739
1990    84,092,891  81,320,610
1991
1992
1993
1994
1995
1996
1997

```