

	Variables	1995 > 1995 Actual data	1996 > 2000 Assumptions	1996 > 2000 Forecasts
1	Social statistics	Actual		
2	Population (Middle of Years)	POP	1.1 POP(1)+(1-GR)100	GR:Growth Rate
3	Independent Households	HCH	1.1 HCH(1)+(1-AGR)100	AGR:Growth Rate
4	Labour Force	LAFPI	3.0 LABPI(1)+(1-GR)100	GR:Growth Rate
5	Agriculture, Hunting, Forestry, Mining, and Quarrying	LABMAN	0.0 LABSUG+LABEPZ+LABDOM	
6	Manufacturing	LABSUG	3.0 LABSUG(1)+(1-GR)100	
7	Sugar	LABEPZ	3.0 LABEPZ(1)+(1-GR)100	
8	Electricity, Gas, and Water	LABDOM	2.0 LABDOM(1)+(1-GR)100	
9	Construction	LABCON	3.0 LABCON(1)+(1-GR)100	
10	Wholesale, Retail, Restaurants, and Hotels	LABTRA	6.0 LABTRA(1)+(1-GR)100	
11	Transport, Storage, and Communication	LABBAN	5.0 LABBAN(1)+(1-GR)100	
12	Banking, Insurance, Real Estate, Business service	LABSER	2.0 LABSER(1)+(1-GR)100	
13	Other service	LABTOT	Total of the above items	
14	Total labour force	LABSHA	LABTOT/POP*1000*1.00	
15	Labour force as a percentage of population			
16	Government Finance at Current Price	NVAFPI	NVAFPI	
17	Agriculture, Hunting, Forestry, Mining, and Quarrying	NVAMAN	NVAMAN	
18	Manufacturing	NVASUG	NVASUG	
19	Sugar	NVAEPZ	NVAEPZ	
20	Electricity, Gas, and Water	NVADOM	NVADOM	
21	Construction	NVACON	NVACON	
22	Wholesale, Retail, Restaurants, and Hotels	NVATRA	NVATRA	
23	Transport, Storage, and Communication	NVABAN	NVABAN	
24	Banking, Insurance, Real Estate, Business service	NVASER	NVASER	
25	Other service	NVASSC	NVASSC	
26	Total of the above items	NVAFAC	NVAFAC	
27	Government Finance at Constant Price	NVAFAC	NVAFAC	
28	Government Finance at Current Price	RGDP	RGDP	
29	Government Finance at Constant Price	RGDP	RGDP	
30	Government Finance at Current Price	RGDP	RGDP	
31	Government Finance at Constant Price	RGDP	RGDP	
32	Government Finance at Current Price	RGDP	RGDP	
33	Government Finance at Constant Price	RGDP	RGDP	
34	Government Finance at Current Price	RGDP	RGDP	
35	Government Finance at Constant Price	RGDP	RGDP	
36	Government Finance at Current Price	RGDP	RGDP	
37	Government Finance at Constant Price	RGDP	RGDP	
38	Government Finance at Current Price	RGDP	RGDP	
39	Government Finance at Constant Price	RGDP	RGDP	
40	Government Finance at Current Price	RGDP	RGDP	
41	Government Finance at Constant Price	RGDP	RGDP	
42	Government Finance at Current Price	RGDP	RGDP	
43	Government Finance at Constant Price	RGDP	RGDP	
44	Government Finance at Current Price	RGDP	RGDP	
45	Government Finance at Constant Price	RGDP	RGDP	
46	Government Finance at Current Price	RGDP	RGDP	
47	Government Finance at Constant Price	RGDP	RGDP	
48	Government Finance at Current Price	RGDP	RGDP	
49	Government Finance at Constant Price	RGDP	RGDP	
50	Government Finance at Current Price	RGDP	RGDP	
51	Government Finance at Constant Price	RGDP	RGDP	
52	Government Finance at Current Price	RGDP	RGDP	
53	Government Finance at Constant Price	RGDP	RGDP	
54	Government Finance at Current Price	RGDP	RGDP	
55	Government Finance at Constant Price	RGDP	RGDP	
56	Government Finance at Current Price	RGDP	RGDP	
57	Government Finance at Constant Price	RGDP	RGDP	
58	Government Finance at Current Price	RGDP	RGDP	
59	Government Finance at Constant Price	RGDP	RGDP	
60	Government Finance at Current Price	RGDP	RGDP	
61	Government Finance at Constant Price	RGDP	RGDP	
62	Government Finance at Current Price	RGDP	RGDP	
63	Government Finance at Constant Price	RGDP	RGDP	
64	Government Finance at Current Price	RGDP	RGDP	
65	Government Finance at Constant Price	RGDP	RGDP	
66	Government Finance at Current Price	RGDP	RGDP	
67	Government Finance at Constant Price	RGDP	RGDP	
68	Government Finance at Current Price	RGDP	RGDP	
69	Government Finance at Constant Price	RGDP	RGDP	
70	Government Finance at Current Price	RGDP	RGDP	
71	Government Finance at Constant Price	RGDP	RGDP	
72	Government Finance at Current Price	RGDP	RGDP	
73	Government Finance at Constant Price	RGDP	RGDP	
74	Government Finance at Current Price	RGDP	RGDP	
75	Government Finance at Constant Price	RGDP	RGDP	
76	Government Finance at Current Price	RGDP	RGDP	
77	Government Finance at Constant Price	RGDP	RGDP	
78	Government Finance at Current Price	RGDP	RGDP	

Variables	1985 > 1985 Actual data	1985 > 2000 Assumptions	1985 > 2000 Forecasts
2 Social statistics			
3E Population (Middle of Years)	POP	POP(1)+(GR100)	GR Growth Rate
4I Independent Households	POP	POP(1)+(GR100)	GR Growth Rate
5 Labour Forces			
7E Agriculture, Hunting, Forestry, Mining, and Quarrying	LABFR	LABFR(1)+(GR100)	GR Growth Rate
8E Mining, Quarrying	LABMI	LABMI(1)+(GR100)	GR Growth Rate
9E Sugar	LABSU	LABSU(1)+(GR100)	GR Growth Rate
10E EPZ	LABEPZ	LABEPZ(1)+(GR100)	GR Growth Rate
11E Domestic Manufacturing	LABDM	LABDM(1)+(GR100)	GR Growth Rate
12E Electricity, Gas, and Water	LABEL	LABEL(1)+(GR100)	GR Growth Rate
13E Construction	LABCON	LABCON(1)+(GR100)	GR Growth Rate
14E Wholesale Retail, Restaurants, and Hotels	LABWH	LABWH(1)+(GR100)	GR Growth Rate
15E Transport, Storage, and Communication	LABTRA	LABTRA(1)+(GR100)	GR Growth Rate
16E Banking, Insurance, Real Estate, Business services	LABBAN	LABBAN(1)+(GR100)	GR Growth Rate
17E Other services	LABSER	LABSER(1)+(GR100)	GR Growth Rate
18E Total labour force	LABTOT	LABTOT(1)+(GR100)	GR Growth Rate
19E Labour Force by Population	LABS-A	LABS-A(1)+(GR100)	GR Growth Rate
20			
21 GDP at current Price	WARI	WARI(1)+(GR100)	GR Growth Rate
22 Agriculture, Hunting, Forestry, Mining, and Quarrying	WARIAN	WARIAN(1)+(GR100)	GR Growth Rate
23 Manufacturing	WASUG	WASUG(1)+(GR100)	GR Growth Rate
24 Sugar	WASU	WASU(1)+(GR100)	GR Growth Rate
25 EPZ	WAEZ	WAEZ(1)+(GR100)	GR Growth Rate
26 Domestic Manufacturing	WADOM	WADOM(1)+(GR100)	GR Growth Rate
27 Electricity, Gas, and Water	WAELE	WAELE(1)+(GR100)	GR Growth Rate
28 Construction	WACON	WACON(1)+(GR100)	GR Growth Rate
29 Wholesale Retail, Restaurants, and Hotels	WATRA	WATRA(1)+(GR100)	GR Growth Rate
30 Transport, Storage, and Communication	WABAN	WABAN(1)+(GR100)	GR Growth Rate
31 Banking, Insurance, Real Estate, Business services	WABAN	WABAN(1)+(GR100)	GR Growth Rate
32 Other services	WASER	WASER(1)+(GR100)	GR Growth Rate
33 Imputed Bank Service Charge	WASCO	WASCO(1)+(GR100)	GR Growth Rate
34 GDP at Factor cost	WAFAC	WAFAC(1)+(GR100)	GR Growth Rate
35 Net Indirect Taxes	WATAX	WATAX(1)+(GR100)	GR Growth Rate
36 GDP at current Price	WAFAC + WATAX	WAFAC + WATAX	GR Growth Rate
37			
38			
39			
40 GDP at Constant Price (1990)	DELGDP	DELGDP(1)+(GR100)	GR Growth Rate
41 Agriculture, Hunting, Forestry, Mining, and Quarrying	WARIAL	WARIAL(1)+(GR100)	GR Growth Rate
42 Manufacturing	WASUGL	WASUGL(1)+(GR100)	GR Growth Rate
43 Sugar	WASUL	WASUL(1)+(GR100)	GR Growth Rate
44 EPZ	WAEZL	WAEZL(1)+(GR100)	GR Growth Rate
45 Domestic Manufacturing	WADOML	WADOML(1)+(GR100)	GR Growth Rate
46 Electricity, Gas, and Water	WAELEL	WAELEL(1)+(GR100)	GR Growth Rate
47 Construction	WACONL	WACONL(1)+(GR100)	GR Growth Rate
48 Wholesale Retail, Restaurants, and Hotels	WATRAL	WATRAL(1)+(GR100)	GR Growth Rate
49 Transport, Storage, and Communication	WABANL	WABANL(1)+(GR100)	GR Growth Rate
50 Banking, Insurance, Real Estate, Business services	WABANL	WABANL(1)+(GR100)	GR Growth Rate
51 Other services	WASERL	WASERL(1)+(GR100)	GR Growth Rate
52 Imputed Bank Service Charge	WASCOL	WASCOL(1)+(GR100)	GR Growth Rate
53 GDP at Factor cost	WAFACL	WAFACL(1)+(GR100)	GR Growth Rate
54 Net Indirect Taxes	WATAXL	WATAXL(1)+(GR100)	GR Growth Rate
55 GDP at constant (1990)	WAFACL + WATAXL	WAFACL + WATAXL	GR Growth Rate
56			
57			
58			
59 Labour Productivity (1990)	PE-GDP	PE-GDP(1)+(GR100)	GR Growth Rate
60 Agriculture, Hunting, Forestry, Mining, and Quarrying	LPVPR	LPVPR(1)+(GR100)	GR Growth Rate
61 Manufacturing	LPVMA	LPVMA(1)+(GR100)	GR Growth Rate
62 Sugar	LPVSU	LPVSU(1)+(GR100)	GR Growth Rate
63 EPZ	LPVEZ	LPVEZ(1)+(GR100)	GR Growth Rate
64 Domestic Manufacturing	LPVDM	LPVDM(1)+(GR100)	GR Growth Rate
65 Electricity, Gas, and Water	LPVELE	LPVELE(1)+(GR100)	GR Growth Rate
66 Construction	LPVCON	LPVCON(1)+(GR100)	GR Growth Rate
67 Wholesale Retail, Restaurants, Hotels	LPVTRA	LPVTRA(1)+(GR100)	GR Growth Rate
68 Transport, Storage, and Communication	LPVBA	LPVBA(1)+(GR100)	GR Growth Rate
69 Banking, Insurance, Real Estate, Business services	LPVBA	LPVBA(1)+(GR100)	GR Growth Rate
70 Other services	LPVSE	LPVSE(1)+(GR100)	GR Growth Rate
71 Total labour Productivity at Constant Price (1990)	LPVOT	LPVOT(1)+(GR100)	GR Growth Rate
72			
73 Wage at Current Price	WAGSK	WAGSK(1)+(GR100)	GR Growth Rate
74 All Sectors (Shield)	WAGSKL	WAGSKL(1)+(GR100)	GR Growth Rate
75 Wage Index of all Sectors	WAGSKL	WAGSKL(1)+(GR100)	GR Growth Rate
76			
77 Government Finance at Current Price	GFREV	GFREV(1)+(GR100)	GR Growth Rate
78 Revenue	GFREV	GFREV(1)+(GR100)	GR Growth Rate

	Variables	1995 > 1995 Actual data	1996 > 2000 Assumptions	1996 > 2000 Forecasts
1	Social statistics			
2	Population (Middle of Years)	POP Actual	POP(1)*(1-GR/100)	GR: Growth Rate
3	Population (Average family members)(6.0)	HOH Actual	HOH(1)*(1-GR/100)	GR: Growth Rate
4	Independent Households			
5	Labour Forces			
6	Agriculture, Hunting, Forestry, Mining, and Quarrying	LAFRI Actual	LAFRI(1)*(1-GR/100)	GR: Growth Rate
7	Manufacturing	LAFMA Actual	LAFMA(1)*(1-GR/100)	GR: Growth Rate
8	Sugar	LAFSU Actual	LAFSU(1)*(1-GR/100)	GR: Growth Rate
9	EPZ	LAFEP Actual	LAFEP(1)*(1-GR/100)	GR: Growth Rate
10	Domestic Manufacturing	LAFDO Actual	LAFDO(1)*(1-GR/100)	GR: Growth Rate
11	Electricity, Gas, and Water	LAFEL Actual	LAFEL(1)*(1-GR/100)	GR: Growth Rate
12	Construction	LAFCO Actual	LAFCO(1)*(1-GR/100)	GR: Growth Rate
13	Wholesale, Retail, Restaurants, and Hotels	LAFTR Actual	LAFTR(1)*(1-GR/100)	GR: Growth Rate
14	Transport, Storage, and Communication	LAFBA Actual	LAFBA(1)*(1-GR/100)	GR: Growth Rate
15	Banking, Insurance, Real Estate, Business Service	LAFBS Actual	LAFBS(1)*(1-GR/100)	GR: Growth Rate
16	Other services	LAFOT Actual	LAFOT(1)*(1-GR/100)	GR: Growth Rate
17	Total labour Force	LAFST Actual	LAFST(1)*(1-GR/100)	GR: Growth Rate
18	Total Labour Force divided by Population	LAFST/POP Actual	LAFST/POP(1)*(1-GR/100)	GR: Growth Rate
19	Labour Force in Population			
20	Labour Force at current Price			
21	Agriculture, Hunting, Forestry, Mining, and Quarrying	NVAFRI Actual	NVAFRI(1)*(1-GR/100)	GR: Growth Rate
22	Manufacturing	NVAFMA Actual	NVAFMA(1)*(1-GR/100)	GR: Growth Rate
23	Sugar	NVAFSU Actual	NVAFSU(1)*(1-GR/100)	GR: Growth Rate
24	EPZ	NVAFEP Actual	NVAFEP(1)*(1-GR/100)	GR: Growth Rate
25	Domestic Manufacturing	NVAFDO Actual	NVAFDO(1)*(1-GR/100)	GR: Growth Rate
26	Electricity, Gas, and Water	NVAFEL Actual	NVAFEL(1)*(1-GR/100)	GR: Growth Rate
27	Construction	NVAFCO Actual	NVAFCO(1)*(1-GR/100)	GR: Growth Rate
28	Wholesale, Retail, Restaurants, and Hotels	NVAFTR Actual	NVAFTR(1)*(1-GR/100)	GR: Growth Rate
29	Transport, Storage, and Communication	NVAFBA Actual	NVAFBA(1)*(1-GR/100)	GR: Growth Rate
30	Banking, Insurance, Real Estate, Business Service	NVAFBS Actual	NVAFBS(1)*(1-GR/100)	GR: Growth Rate
31	Other services	NVAFOT Actual	NVAFOT(1)*(1-GR/100)	GR: Growth Rate
32	Total of the above items	NVAFST Actual	NVAFST(1)*(1-GR/100)	GR: Growth Rate
33	Imputed bank Service Charge			
34	Net indirect Taxes			
35	Net indirect Taxes			
36	Net indirect Taxes			
37	Net indirect Taxes			
38	Net indirect Taxes			
39	Net indirect Taxes			
40	Net indirect Taxes			
41	Net indirect Taxes			
42	Net indirect Taxes			
43	Net indirect Taxes			
44	Net indirect Taxes			
45	Net indirect Taxes			
46	Net indirect Taxes			
47	Net indirect Taxes			
48	Net indirect Taxes			
49	Net indirect Taxes			
50	Net indirect Taxes			
51	Net indirect Taxes			
52	Net indirect Taxes			
53	Net indirect Taxes			
54	Net indirect Taxes			
55	Net indirect Taxes			
56	Net indirect Taxes			
57	Net indirect Taxes			
58	Net indirect Taxes			
59	Net indirect Taxes			
60	Net indirect Taxes			
61	Net indirect Taxes			
62	Net indirect Taxes			
63	Net indirect Taxes			
64	Net indirect Taxes			
65	Net indirect Taxes			
66	Net indirect Taxes			
67	Net indirect Taxes			
68	Net indirect Taxes			
69	Net indirect Taxes			
70	Net indirect Taxes			
71	Net indirect Taxes			
72	Net indirect Taxes			
73	Net indirect Taxes			
74	Net indirect Taxes			
75	Net indirect Taxes			
76	Net indirect Taxes			
77	Net indirect Taxes			
78	Net indirect Taxes			
79	Net indirect Taxes			

781	Grants Received	GFGR	Actuals	RG-500 million received every year
801	Expenditure	GFEXP	Actuals	GFEXP=DFLGGPI100
811	Lending - Regayment	GFND	Actuals	Net Rs. 500 (Not a very important)
821	Deficit and Surplus	GFDS	Actuals	GFREY-GRGRT-GRFND-GRFDS
84	Government Finance at Constant Price (1990)	GFREV	Actuals	
85E	Revenue	GFREV/Deflator(DFLGGP)	Actuals	RG-REV(1)=0.99-GRF100 GR Growth Rate
86E	Grants Received	GFEXP/Deflator(DFLGGP)	Actuals	RG-EXP(1)=0.999-GRF100
87E	Expenditure	GFND/Deflator(DFLGGP)	Actuals	
88E	Lending - Regayment	GFDS/Deflator(DFLGGP)	Actuals	
891	Deficit and Surplus		Actuals	
901	Price Index and Exchange Rate		Actuals	
91E	Consumer Price Index of South Africa	CPIA	Actuals	100 CPIA(1)=1.1-GRF100 GR Growth Rate
93E	Exchange Rate: Rand vs US Dollar	EXR	Actuals	2.0 EXR(1)=1.1-GRF100
94E	Exchange Rates: Rs vs US Dollar	EXR1	Actuals	2.0 EXR1(1)=1.1-GRF100
951	Import unit value Index	IUVI	Actuals	RG=0.822 EXR(1)=1.481 CPIA(1)=1.1-GRF100
961	Export unit value Index	EXUI	Actuals	RG=1.1 XDFLGGP=0.97
971	Consumer Price Index	CPI	Actuals	RG=1.357 WAGS(UPYOT)=0.94 WAGS(X=0.72)
99			Actuals	
99E	GDP at Current Price		Actuals	
1001	Private Consumption Expenditure	PCON	Actuals	
1011	Gov. Consumption Expenditure	EGCON	Actuals	RPCON=DFLGGPI100
102	Gross Domestic Fixed Capital Formation	GFIX	Actuals	RFGCON=DFLGGPI100
103	Private Fixed Capital Formation	PFIX	Actuals	RPFIX=DFLGGPI100
104	Government Fixed Capital Formation	GFIX	Actuals	RGFIX=DFLGGPI100
105	Sovereign Fixed Capital Formation	SFIX	Actuals	RSEXP=DFLGGPI100
106	Export of Goods and Non-factor Services	EXPS	Actuals	EWXP=DFLGGPI100
107	Import of Goods and Non-factor Services	IMPS	Actuals	EWIP=DFLGGPI100
108	GDP at Constant Price (1990)		Actuals	
1091	Private Consumption Expenditure	PCON	Actuals	RPCON=DFLGGPI100
1101	Gov. Consumption Expenditure	EGCON	Actuals	RFGCON=DFLGGPI100
111	Gross Domestic Fixed Capital Formation	GFIX	Actuals	RPFIX=DFLGGPI100
112	Private Fixed Capital Formation	PFIX	Actuals	RPFIX=DFLGGPI100
113	Government Fixed Capital Formation	GFIX	Actuals	RGFIX=DFLGGPI100
114	Export of Goods and Non-factor Services	EXPS	Actuals	RSEXP=DFLGGPI100
115	Import of Goods and Non-factor Services	IMPS	Actuals	EWIP=DFLGGPI100
116	Stock & Substrial Error	RSSE	Actuals	RG=0.822 EXR(1)=1.481 CPIA(1)=1.1-GRF100
117	GDE at Constant Price (1990)		Actuals	
118			Actuals	
119	Macro Index		Actuals	
120	Marginal Capital Coefficient of Public & Private Sector	MCOP	Actuals	
121	Marginal Capital Coefficient of Private Sector	MCOP1	Actuals	
121	PSSR-GDE=100		Actuals	
124			Actuals	
125	Variables		Actuals	1985 > 1995 Actual data
126	Conversion Factors		Actuals	1985 > 1995 Actual data
127	Conversion Factors		Actuals	1985 > 1995 Actual data
128E	Gasoline (0.3440 Kg./L, 1.344 Kl./Ton, 16500 Kcal./Kg, Crude = 10000 Kcal./Kg)	VGAS	Actuals	1.000 Set Constant value
129E	Diesel (0.3465 Kg./L, 1.18 Kl./Ton, 16200 Kcal./Kg, Crude=10000 Kcal./Kg)	V DIE	Actuals	1.000 Set Constant value
130E	Kerosene (0.2973 Kg./L, 1.242 Kl./Ton, 10943 Kcal./Kg, Crude=10000 Kcal./Kg)	VKER	Actuals	1.000 Set Constant value
131E	Coal (0.9516 Kg./L, 1.0568 Kl./Ton, 8627 Kcal./Kg, Crude=10000 Kcal./Kg)	VFCO	Actuals	1.000 Set Constant value
132E	LPG (108.12 Kcal./Kg, Crude=10000 Kcal./Kg)	VFLG	Actuals	1.000 Set Constant value
133E	Jet Fuel	VJFL	Actuals	1.000 Set Constant value
134E	Coal (6.15 Kl./Kg, Crude=10000 Kcal./Kg)	VCOA	Actuals	0.620 Set Constant value
135E	Gasoline (1.65 Kl./Kg, Crude=10000 Kcal./Kg)	VGAC	Actuals	0.160 Set Constant value
136E	Petroleum (1.65 Kl./Kg, Crude=10000 Kcal./Kg)	VWAC	Actuals	0.160 Set Constant value
137E	Charcoal	VHLC	Actuals	0.300 Set Constant value
138E	Electricity (60 Kcal./Kwh, Crude=10000 Kcal./Kg)	VELE	Actuals	0.740 Set Constant value
139E	Hydro Electricity	VHEL	Actuals	0.086 Set Constant value
140			Actuals	0.220 Set Constant value
141	World Energy Price Trends		Actuals	
142E	Petroleum Spot Price (Dubai Fatec, FOB)	WPETDU	Actuals from IEA data	3.0 WPETDU(1)=GR(100) GR Growth Rate
143E	Coal Price (South Africa CIF)	WCOUSA	Actuals from IEA data	1.8 WCOUSA(1)=GR(100)
144			Actuals	
145	Energy Wholesale Prices (PHY)		Actuals	
146	Gasoline	GPGE	Actuals	Adjustment(1)=GPGEAS(1)=GR(100)
1471	Diesel (Gas Oil)	GDPIE	Actuals	GPDI(1)=GR(100)
148	Kerosene	GPKE	Actuals	GPKE(1)=GR(100)
149	Fuel Oil	GPFO	Actuals	GPFO(1)=GR(100)
1501	LPG	GPFLG	Actuals	GPFLG(1)=GR(100)
1511	Coal	GPCO	Actuals	GPCO(1)=GR(100)
152			Actuals	
153	Energy Wholesale Prices (TOE)		Actuals	
1541	Gasoline	TPGAS	Actuals	TPGAS(1)=GR(100)
1551	Diesel (Gas Oil)	TPDIE	Actuals	TPDIE(1)=GR(100)
1561	Kerosene	TPKER	Actuals	TPKER(1)=GR(100)

791	Grants Received	GFGRV	Actuals	Rs. 300 million received every year	GFGRV	
801	Expenditure	GFEXP	Actuals		GFEXP	
811	Lending - Repayment	GFNL	Actuals	Net Rs. 500 million paid every year	GFNL	
821	Deficit and Surplus	GFDS	Actuals		GFDS	
83						
84	Government Finance at Constant Price (1990)					
85E	Revenue	RGFRV	GFREV/Delator(DFLGGP)	5.0	RGFRV	GFREV*(1+GR/100)
86E	Grants Received	RGGRV	GFGRV/Delator(DFLGGP)		RGGRV	GFGRV*(1+GR/100)
87E	Expenditure	RGEXP	GFEXP/Delator(DFLGGP)	5.0	RGEXP	GFEXP*(1+GR/100)
88E	Lending - Repayment	RGNL	GFNL/Delator(DFLGGP)		RGNL	GFNL*(1+GR/100)
89E	Deficit and Surplus	RGDS	GFDS/Delator(DFLGGP)		RGDS	GFDS*(1+GR/100)
90						
91	Price Index and Exchange Rate					
92E	Consumer Price Index of South Africa	CPISA	Actuals from International Financial Statistics	3.0	CPISA	CPISA*(1+GR/100)
93E	SA Exchange Rates: Rand vs US Dollar	EXGSA	Actuals from International Financial Statistics	2.0	EXGSA	EXGSA*(1+GR/100)
94E	Exchange Rates: Rs vs US Dollar	EXHGS	Actuals		EXHGS	EXHGS*(1+GR/100)
95E	Import unit value index	IMVLX	Actuals		IMVLX	IMVLX*(1+GR/100)
96E	Export unit value index	EXVLX	Actuals		EXVLX	EXVLX*(1+GR/100)
97E	Consumer Price Index	CPIMPT	Actuals		CPIMPT	CPIMPT*(1+GR/100)
98						
99	GDE at Current Price					
100E	Private Consumption Expenditure	EPCON	Actuals		EPCON	EPCON*(1+GR/100)
101E	Gov. Consumption Expenditure	EGCON	Actuals		EGCON	EGCON*(1+GR/100)
102E	Gross Domestic Fixed Capital Formation	EFIX	Actuals		EFIX	EFIX*(1+GR/100)
103E	Private Fixed Capital Formation	EPFIX	Actuals		EPFIX	EPFIX*(1+GR/100)
104E	Govern. Fixed Capital Formation	EGFIX	Actuals		EGFIX	EGFIX*(1+GR/100)
105E	Export of Goods and Non-factor Services	EXXP	Actuals		EXXP	EXXP*(1+GR/100)
106E	Import of Goods and Non-factor Services	EXMP	Actuals		EXMP	EXMP*(1+GR/100)
107						
108	GDE at Constant Price (1990)					
109E	Private Consumption Expenditure	EPCON	EPCON/Delator(DFLGGP)		EPCON	EPCON*(1+GR/100)
110E	Gov. Consumption Expenditure	EGCON	EGCON/Delator(DFLGGP)		EGCON	EGCON*(1+GR/100)
111E	Gross Domestic Fixed Capital Formation	EFIX	EFIX/Delator(DFLGGP)		EFIX	EFIX*(1+GR/100)
112E	Private Fixed Capital Formation	EPFIX	EPFIX/Delator(DFLGGP)		EPFIX	EPFIX*(1+GR/100)
113E	Govern. Fixed Capital Formation	EGFIX	EGFIX/Delator(DFLGGP)		EGFIX	EGFIX*(1+GR/100)
114E	Export of Goods and Non-factor Services	EXXP	EXXP/Delator(DFLGGP)		EXXP	EXXP*(1+GR/100)
115E	Import of Goods and Non-factor Services	EXMP	EXMP/Delator(DFLGGP)		EXMP	EXMP*(1+GR/100)
116E	Stock & Statistical Error	RSSE	Actuals		RSSE	RSSE*(1+GR/100)
117E	GDE at Constant Price (1990)	RGDP	GOE are the same values as GDE (1990)		RGDP	RGDP*(1+GR/100)
118						
119	Marginal Capital Coefficient of Public & Private sectors	WCCPT	Actuals		WCCPT	WCCPT*(1+GR/100)
120E	Marginal Capital Coefficient of Public sector	WCCPT	Actuals		WCCPT	WCCPT*(1+GR/100)
121E	Marginal Capital Coefficient of Private sector	WCCPT	Actuals		WCCPT	WCCPT*(1+GR/100)
122E	RSSE/RGDE*100	RSSE	Actuals		RSSE	RSSE*(1+GR/100)
123						
124						
125	Conversion Factors					
126E	Gasoline (0.7420 Kg/L, 1.344 KJ/Ton, 10600 Kcal/Kg, Crude=10000 Kcal/Kg)	VGLS	Actuals	1.080	VGLS	1.080
127E	Diesel (0.8450 Kg/L, 1.1916 KJ/Ton, 10200 Kcal/Kg, Crude=10000 Kcal/Kg)	VGLD	Actuals	1.010	VGLD	1.010
128E	Kerosene (0.7973 Kg/L, 1.2542 KJ/Ton, 10343 Kcal/Kg, Crude=10000 Kcal/Kg)	VGLK	Actuals	0.960	VGLK	0.960
129E	LPG (0.8116 Kg/L, 1.0609 KJ/Ton, 9597 Kcal/Kg, Crude=10000 Kcal/Kg)	VGLP	Actuals	1.040	VGLP	1.040
130E	Jet Fuel	VJFL	Actuals	1.040	VJFL	1.040
131E	Coal (6.51 Kcal/Kg, Crude=10000 Kcal/Kg)	VCOI	Actuals	0.250	VCOI	0.250
132E	Biomass (1.851 Kcal/Kg, Crude=10000 Kcal/Kg)	VBAE	Actuals	0.160	VBAE	0.160
133E	Fuel Wood	VFWO	Actuals	0.380	VFWO	0.380
134E	Electricity (860 Kcal/Kwh, Crude=10000 Kcal/Kg)	VLE	Actuals	0.686	VLE	0.686
135E	Nuclear Electricity	VLE	Actuals	0.220	VLE	0.220
136E	Nuclear Electricity	VLE	Actuals		VLE	
137E	Nuclear Electricity	VLE	Actuals		VLE	
138E	Nuclear Electricity	VLE	Actuals		VLE	
139E	Nuclear Electricity	VLE	Actuals		VLE	
140E	Nuclear Electricity	VLE	Actuals		VLE	
141	World Energy Price Trends					
142E	Perroleum Spot Price (Dubai Field FOB)	WFOU	Actuals from IEA data	3.0	WFOU	WFOU*(1+GR/100)
143E	Coal Price (South Africa CIF)	WCOLSA	Actuals from IEA data	1.8	WCOLSA	WCOLSA*(1+GR/100)
144						
145	Energy Wholesale Prices (FHT)					
146E	Gasoline	GPGLS	Actuals		GPGLS	GPGLS*(1+GR/100)
147E	Diesel (Gas oil)	GPDI	Actuals		GPDI	GPDI*(1+GR/100)
148E	Kerosene	GPKE	Actuals		GPKE	GPKE*(1+GR/100)
149E	Fuel Oil	GPFO	Actuals		GPFO	GPFO*(1+GR/100)
150E	LPG	GPLPG	Actuals		GPLPG	GPLPG*(1+GR/100)
151E	Coal	GPCOL	Actuals		GPCOL	GPCOL*(1+GR/100)
152						
153	Energy Wholesale Prices (TOE)					
154E	Gasoline	GRGAS	Actuals		GRGAS	GRGAS*(1+GR/100)
155E	Diesel (Gas oil)	GRDIE	Actuals		GRDIE	GRDIE*(1+GR/100)
156E	Kerosene	GRKER	Actuals		GRKER	GRKER*(1+GR/100)

79	Grants Received	GFGR	Actuals	Rs. 300 million reserved every year	GFGR
80	Expenditure	GFEXP	Actuals	REXP=DFLGD/100	GFEXP
81	Lending - Repayment	GFND	Actuals	Net Rs. 500 million paid every year	GFND
82	Deficit and Surplus	GFDS	Actuals	GFREV-GFGR-GFND-GFDS	GFREV-GFGR-GFND-GFDS
83					
84	Government Finance at Constant Price (1990)				
85	Revenue	GFREV	Actuals	5.0 GRREV*(1+GR/100)	GFREV
86	Expenditure	GFEXP	Actuals	5.0 GFEXP*(1+GR/100)	GFEXP
87	Lending - Repayment	GFND	Actuals		GFND
88	Deficit and Surplus	GFDS	Actuals		GFDS
89					
90					
91	Price Index and Exchange Rate				
92	Consumer Price Index of South Africa	CPISA	Actuals from International Financial Statistics	10.0 CPISAI*(1+GR/100)	CPISA
93	SA exchange Rates: Rand vs US Dollar	EXGSA	Actuals from International Financial Statistics	2.0 EXGSA*(1+GR/100)	EXGSA
94	Exchange Rates: R vs US Dollar	EXGR	Actuals	2.0 EXGHI*(1+GR/100)	EXGR
95	Import unit value index	IMVUX	Actuals	89.1-141.0R*GDP*0.97-1487(CPIESEXGSA)*0.28	IMVUX
96	Export unit value index	EXVUX	Actuals	89.1-141.0R*GDP*0.97-1487(CPIESEXGSA)*0.28	EXVUX
97	Consumer Price Index	CPIMRT	Actuals	89.1-141.0R*GDP*0.97-1487(CPIESEXGSA)*0.28	CPIMRT
98					
99					
100	GDE at Current Price				
101	Private Consumption Expenditure	PCON	Actuals	PCON=DFLGD/100	PCON
102	Gov. Consumption Expenditure	EGCON	Actuals	EGCON=DFLGD/100	EGCON
103	Gross Domestic Fixed Capital Formation	DFIX	Actuals	DFIX=DFLGD/100	DFIX
104	Private Fixed Capital Formation	PFIX	Actuals	PFIX=DFLGD/100	PFIX
105	Govern. Fixed Capital Formation	EGFIX	Actuals	EGFIX=DFLGD/100	EGFIX
106	Export of Goods and Non-factor Services	EXPS	Actuals	EXPS=DFLGD/100	EXPS
107	Import of Goods and Non-factor Services	IMPS	Actuals	IMPS=DFLGD/100	IMPS
108	GDE at Constant Price (1990)				
109	Private Consumption Expenditure	PCON	Actuals	89.1-141.0R*GDP*0.97-1487(CPIESEXGSA)*0.28	PCON
110	Gov. Consumption Expenditure	EGCON	Actuals	89.1-141.0R*GDP*0.97-1487(CPIESEXGSA)*0.28	EGCON
111	Gross Domestic Fixed Capital Formation	DFIX	Actuals	89.1-141.0R*GDP*0.97-1487(CPIESEXGSA)*0.28	DFIX
112	Private Fixed Capital Formation	PFIX	Actuals	89.1-141.0R*GDP*0.97-1487(CPIESEXGSA)*0.28	PFIX
113	Govern. Fixed Capital Formation	EGFIX	Actuals	89.1-141.0R*GDP*0.97-1487(CPIESEXGSA)*0.28	EGFIX
114	Export of Goods and Non-factor Services	EXPS	Actuals	89.1-141.0R*GDP*0.97-1487(CPIESEXGSA)*0.28	EXPS
115	Import of Goods and Non-factor Services	IMPS	Actuals	89.1-141.0R*GDP*0.97-1487(CPIESEXGSA)*0.28	IMPS
116	Stock & Statistical Error	SSSE	Actuals	89.1-141.0R*GDP*0.97-1487(CPIESEXGSA)*0.28	SSSE
117	GDE at Constant Price (1990)	GDE	Actuals	89.1-141.0R*GDP*0.97-1487(CPIESEXGSA)*0.28	GDE
118					
119	Macro Index				
120	Marginal Capital Coefficient of Public & Private sector	MOCPPT	Actuals	MOCPPT=DFLGD/100	MOCPPT
121	Marginal Capital Coefficient of Private sector	MOCPRT	Actuals	MOCPRT=DFLGD/100	MOCPRT
122	FSSE/RGDE*100	FSSE	Actuals	FSSE=DFLGD/100	FSSE
123					
124					
125					
126					
127	Conversion Factors				
128	Crude Oil (1000 Kcal/Kg)	VGAS	Actuals	1.096 Set Constant value	VGAS
129	Crude Oil (1000 Kcal/Kg)	VDIE	Actuals	1.010 Set Constant value	VDIE
130	Diesel Oil (1000 Kcal/Kg)	VKBR	Actuals	1.040 Set Constant value	VKBR
131	Kerosene (1000 Kcal/Kg)	VJUE	Actuals	0.960 Set Constant value	VJUE
132	Fuel Oil (1000 Kcal/Kg)	VJPS	Actuals	1.080 Set Constant value	VJPS
133	Jet Fuel	VJFE	Actuals	1.040 Set Constant value	VJFE
134	Coal (1000 Kcal/Kg)	VCOA	Actuals	0.620 Set Constant value	VCOA
135	Sugars (1000 Kcal/Kg)	VVAG	Actuals	0.160 Set Constant value	VVAG
136	Fuel Wood	VVWD	Actuals	0.130 Set Constant value	VVWD
137	Charcoal	VVHL	Actuals	0.740 Set Constant value	VVHL
138	Electricity (800 Kcal/Kwh)	VELE	Actuals	0.068 Set Constant value	VELE
139	Hydro-Electricity	VHEL	Actuals	0.220 Set Constant value	VHEL
140					
141	World Energy Prices (FOB)	WRETOU	Actuals from IEA data	3.0 WRETOU*(1+GR/100)	WRETOU
142	Petroleum Spot Prices (Crude, Export, FOB)	WCOUSA	Actuals from IEA data	1.8 WCOUSA*(1+GR/100)	WCOUSA
143	Coal Price (South Africa CIF)				
144					
145	Energy Wholesale Prices (PHY)				
146	Gasoline	GPGE	Actuals	Adjustment(1+GPGAS*(1+GR/100))	GPGE
147	Diesel (Gas oil)	GPDI	Actuals	GPDI*(1+GR/100)	GPDI
148	Kerosene	GPKE	Actuals	GPKE*(1+GR/100)	GPKE
149	Fuel Oil	GPFO	Actuals	GPFO*(1+GR/100)	GPFO
150	LPG	GPLG	Actuals	GPLG*(1+GR/100)	GPLG
151	Coal	GPCO	Actuals	GPCO*(1+GR/100)	GPCO
152					
153	Energy Wholesale Prices (IOE)				
154	Gasoline	GPGE	Actuals	GPGE*(1+GR/100)	GPGE
155	Diesel (Gas oil)	GPDI	Actuals	GPDI*(1+GR/100)	GPDI
156	Kerosene	GPKE	Actuals	GPKE*(1+GR/100)	GPKE

791	Grants Received	GFGR	Actuals	Rs. 300 million received every year	
801	Expenditure	GFEXP	Actuals	Net Rs. 300 million paid every year	
811	Lending - Repayment	GFNL	Actuals		
821	Deficit and Surplus	GFDS	Actuals		
831		GFREV	Actuals		
84	Government Finance at Constant Price (1990)				
85	Revenue	GFREV	Actuals	6.0	GFREV(1)*0.95-GF(100)
86	Grants Received	GFGR	Actuals		
87	Grants Expenditure	GFEXP	Actuals	5.0	GFEXP(1)*0.99-GF(100)
88	Lending - Repayment	GFNL	Actuals		
89	Deficit and Surplus	GFDS	Actuals		
90		GFREV	Actuals		
91	Price Index and Exchange Rate				
92	Consumer Price Index of South Africa	CPISA	Actuals from International Financial Statistics	10.0	CPISA(1)*(1+GR/100)
93	SA Exchange Rates: Rand vs US Dollar	EXSA	Actuals from International Financial Statistics	2.0	EXSA(1)*(1+GR/100)
94	Exchange Rates: Rs vs US Dollar	EXRG	Actuals	2.0	EXRG(1)*(1+GR/100)
95	Import unit value index	IVIX	Actuals		
96	Export unit value index	EXVIX	Actuals		
97	Consumer Price Index	CPIMRT	Actuals		
98					
99	GDP at Current Price	PCON	Actuals		
100	Private Consumption Expenditure	PCON	Actuals		
101	Gov. Consumption Expenditure	EGCON	Actuals		
102	Gross Domestic Fixed Capital Formation	EDFX	Actuals		
103	Private Fixed Capital Formation	EDFX	Actuals		
104	Govern. Fixed Capital Formation	EDFX	Actuals		
105	Export of Goods and Non-factor Services	EXPG	Actuals		
106	Import of Goods and Non-factor Services	EXPM	Actuals		
107					
108	GDP at Constant Price (1990)				
109	Private Consumption Expenditure	PCON	Actuals		
110	Gov. Consumption Expenditure	EGCON	Actuals		
111	Gross Domestic Fixed Capital Formation	EDFX	Actuals		
112	Private Fixed Capital Formation	EDFX	Actuals		
113	Govern. Fixed Capital Formation	EDFX	Actuals		
114	Export of Goods and Non-factor Services	EXPG	Actuals		
115	Import of Goods and Non-factor Services	EXPM	Actuals		
116	Stock & Statistical Error	RSSE	Actuals		
117	GDP at Constant Price (1990)	RGDP	Actuals		
118					
119	Macro Index				
120	Marginal Capital Coefficient of Public & Private sectors	MCCO	Actuals		
121	Marginal Capital Coefficient of Private sector	MCCO	Actuals		
122	RSSE/GDP*100	RSSE	Actuals		
123					
124					
125					
126					
127					
128					
129					
130					
131					
132					
133					
134					
135					
136					
137					
138					
139					
140					
141	World Energy Price Trends				
142	Petroleum Spot Price (Dutch Guilder/BOB)	WOP	Actuals from IEA data	3.0	WOP(1)*(1+GR/100)
143	Coal Price (South Africa/CF)	WCOLS	Actuals from IEA data	1.8	WCOLS(1)*(1+GR/100)
144					
145	Energy Wholesale Prices (PHY)				
146	Gasoline	GPAS	Actuals		
147	Diesel (Gas oil)	GPDI	Actuals		
148	Kerosene	GPKE	Actuals		
149	Fuel Oil	GFPO	Actuals		
150	LPG	GPLG	Actuals		
151	Coal	GPCOL	Actuals		
152					
153	Energy Wholesale Prices (TOE)				
154	Gasoline	TPAS	Actuals		
155	Diesel (Gas oil)	TPDI	Actuals		
156	Kerosene	TPKE	Actuals		

79	Grants Received	GFGRT	Actuals	Rs. 300 million received every year	
80	Expenditure	GFGDP	Actuals	REFXP=DFGLDP*100	
81	Lending - Repayment	GFND	Actuals	Net Rs. 500 million paid every year	
82	Deficit and Surplus	GFD&S	Actuals	GFREV-GRFRT-GFND-GFD&S	
83					
84	Government Finance at Constant Price (1990)			60 * GRREV(1)*0.99*(GR100)	55.Growth Rate
85	Revenue	GRREV	(DFREV/Deflator(DFLGDP))		
86	Grants Received	GRFRT	(DFRT/Deflator(DFLGDP))		
87	Expenditure	REFXP	(DFEXP/Deflator(DFLGDP))		
88	Lending - Repayment	GFND	(DFND/Deflator(DFLGDP))		
89	Deficit and Surplus	GFD&S	(DFD&S/Deflator(DFLGDP))		
90					
91	Price Index and Exchange Rate				
92	Consumer Price Index of South Africa	CPISA	(DIPISA/(1+GR100))	GR:Growth Rate	
93	SA Exchange Rates: Rand vs US Dollar	EXSA	(1+(1+GR100))		
94	Exchange Rates: Rs vs US Dollar	EXR	(1+(1+GR100))		
95	Import unit value Index	IMU	(1+(1+GR100))		
96	Export unit value Index	EXU	(1+(1+GR100))		
97	Consumer Price Index	CPI	(1+(1+GR100))		
98					
99	GDP at Current Price	ECON	(DIPCON/Deflator(DFLGDP))		
100	Private Consumption Expenditure	ECGON	(DIPGCON/Deflator(DFLGDP))		
101	Gov. Consumption Expenditure	EGF	(DIPGF/Deflator(DFLGDP))		
102	Govs Domestic Fixed Capital Formation	EDFX	(DIPDF/Deflator(DFLGDP))		
103	Private Fixed Capital Formation	EDFX	(DIPDF/Deflator(DFLGDP))		
104	Govn. Fixed Capital Formation	EDFX	(DIPDF/Deflator(DFLGDP))		
105	Export of Goods and Non-factor Services	EXP	(DIPEXP/Deflator(DFLGDP))		
106	Import of Goods and Non-factor Services	IMP	(DIPIMP/Deflator(DFLGDP))		
107					
108	GDP at Constant Price (1990)	ECON	(DIPCON/Deflator(DFLGDP))		
109	Private Consumption Expenditure	ECGON	(DIPGCON/Deflator(DFLGDP))		
110	Gov. Consumption Expenditure	EGF	(DIPGF/Deflator(DFLGDP))		
111	Gross Domestic Fixed Capital Formation	EDFX	(DIPDF/Deflator(DFLGDP))		
112	Private Fixed Capital Formation	EDFX	(DIPDF/Deflator(DFLGDP))		
113	Govn. Fixed Capital Formation	EDFX	(DIPDF/Deflator(DFLGDP))		
114	Export of Goods and Non-factor Services	EXP	(DIPEXP/Deflator(DFLGDP))		
115	Import of Goods and Non-factor Services	IMP	(DIPIMP/Deflator(DFLGDP))		
116	Stock & Statistical Error	RSE	(DIPCON/Deflator(DFLGDP))		
117	GDP at Constant Price (1990)	RGDE	(DIPCON/Deflator(DFLGDP))		
118					
119	Macro Index				
120	Maritime Capital Coefficient of Public & Private sectors	MCCOP	(DIPCON/Deflator(DFLGDP))		
121	Maritime Capital Coefficient of Private sector	MCCOP	(DIPCON/Deflator(DFLGDP))		
122	RSSER/GRDE*100	RSSER	(DIPCON/Deflator(DFLGDP))		
123					
124					
125					
126					
127	Conversion Factors				
128	Gasoline (0.7446 Kg/L, 1.2444 KJ/Ton, 10500 Kcal/Kg, Crude = 10000 Kcal/Kg)	VGAS	Actuals	1.080	Set Constant value
129	Diesel (0.8430 Kg/L, 1.1816 KJ/Ton, 10200 Kcal/Kg, Crude=10000 Kcal/Kg)	VDIE	Actuals	1.010	Set Constant value
130	Kerosene (0.7973 Kg/L, 1.2542 KJ/Ton, 10343 Kcal/Kg, Crude=10000 Kcal/Kg)	VKER	Actuals	1.046	Set Constant value
131	Fuel oil (0.9516 Kg/L, 1.0508 KJ/Ton, 9827 Kcal/Kg, Crude=10000 Kcal/Kg)	VLPO	Actuals	1.060	Set Constant value
132	LP-Gas (1.0812 Kcal/Kg, Crude=10000 Kcal/Kg)	VLPG	Actuals	1.040	Set Constant value
133	LP Fuel	VLP	Actuals	0.620	Set Constant value
134	Coal (6.51 Kcal/Kg, Crude=10000 Kcal/Kg)	VCOA	Actuals	0.160	Set Constant value
135	Baggasse (1.851 Kcal/Kg, Crude=10000 Kcal/Kg)	VBAG	Actuals	0.380	Set Constant value
136	Fuel Wood	VFWO	Actuals	0.740	Set Constant value
137	Charcoal	VCHI	Actuals	0.068	Set Constant value
138	Electricity (860 Kcal/Kwh, Crude=10000 Kcal/Kg)	VATE	Actuals	0.820	Set Constant value
139	Hydro Electricity	VHEL	Actuals		
140					
141	World Energy Price Trends				
142	Petroleum Spot Price (Dubai, Fatmeh FOB)	WPETDU	Actuals from IEA data	2.0	WPE=DU(1+GR100)
143	Coal Price (South Africa, CIF)	WCOSA	Actuals from IEA data	7.8	WCSA=(1+GR100)
144					
145	Energy Wholesale Prices (PHY)				
146	Gasoline	GGAS	Actuals		Adjustment(1)*GGAS(1)*GR100
147	Diesel	GDIE	Actuals		GDIE(1)*GR100
148	Kerosene	GKER	Actuals		GKER(1)*GR100
149	Fuel Oil	GFLO	Actuals		GFLO(1)*GR100
150	LP-G	GLPG	Actuals		GLPG(1)*GR100
151	Coal	GCOA	Actuals		GCOA(1)*GR100
152					
153	Energy Wholesale Prices (TOE)				
154	Gasoline	TFGAS	Actuals		TFGAS(1)*GR100
155	Diesel	TFDIE	Actuals		TFDIE(1)*GR100
156	Kerosene	TFKER	Actuals		TFKER(1)*GR100

157	Fuel oil	GFUE	Actuals	GFUE	GFUE/1000	GFUE/1000
158	LPG	GLPG	Actuals	GLPG	GLPG/1000	GLPG/1000
159	Coal	GCOL	Actuals	GCOL	GCOL/1000	GCOL/1000
160						
161	Energy Retail Prices (PHY)					
162	Gasoline	GRAS	Actuals	GRAS	GRAS*(1+CV/100)	CV constant value
163	Diesel	GRDI	Actuals	GRDI	GRDI*(1+CV/100)	
164	Gas Oil	GRGO	Actuals	GRGO	GRGO*(1+CV/100)	
165	Kerosene	GRKE	Actuals	GRKE	GRKE*(1+CV/100)	
166	Fuel Oil	GFUE	Actuals	GFUE	GFUE*(1+CV/100)	
167	LPG	GLPG	Actuals	GLPG	GLPG*(1+CV/100)	
168	Coal	GCOL	Actuals	GCOL	GCOL*(1+CV/100)	
169						
170	Energy Retail Prices (TOE)					
171	Gasoline	GRAS	Actuals	GRAS	GRAS/1000	
172	Diesel	GRDI	Actuals	GRDI	GRDI/1000	
173	Gas Oil	GRGO	Actuals	GRGO	GRGO/1000	
174	Kerosene	GRKE	Actuals	GRKE	GRKE/1000	
175	Fuel Oil	GFUE	Actuals	GFUE	GFUE/1000	
176	LPG	GLPG	Actuals	GLPG	GLPG/1000	
177	Coal	GCOL	Actuals	GCOL	GCOL/1000	
178						
179	Electricity Prices (PHY)					
180	Electricity (Industry General)	GELG	Actuals	GELG	GELG*(1+SV/100)	SV Selling Value
181	Electricity (Residential)	GERL	Actuals	GERL	GERL*(1+SV/100)	
182	Electricity (Commercial)	GERC	Actuals	GERC	GERC*(1+SV/100)	
183						
184	Electricity Prices (TOE)					
185	Electricity (Industry General)	GELG	Actuals	GELG	GELG/1000	
186	Electricity (Residential)	GERL	Actuals	GERL	GERL/1000	
187	Electricity (Commercial)	GERC	Actuals	GERC	GERC/1000	
188						
189	Transport Equipment					
190	Car and Dual Purpose Car (Registered)	ATCAR	Actuals	ATCAR	ATCAR*(1+RGP/100)	R 91-95 year Average number of cars per RGP/RGP0
191	Motor Cycle and Auto Cycle (Registered)	ATCYC	Actuals	ATCYC	ATCYC*(1+RGP/100)	R 91-95 year Average number of bikes per RGP/RGP0
192	Motor Truck and Van (Registered)	ATRTR	Actuals	ATRTR	ATRTR*(1+RGP/100)	R 91-95 year Average number of Trucks per RGP/RGP0
193	Bus (Registered)	ATBUS	Actuals	ATBUS	ATBUS*(1+RGP/100)	R 91-95 year Average number of Buses per RGP/RGP0
194	Traction Engine and Motor Car (Registered)	ATMTC	Actuals	ATMTC	ATMTC*(1+RGP/100)	R 91-95 year Average number of Others per RGP/RGP0
195	Others (Registered)	ATOTN	Actuals	ATOTN	ATOTN*(1+RGP/100)	
196						
197	Consumption by Industry (PHY)					
198	Gasoline	GCGAS	None	GCGAS		
199	Diesel	GCODI	Actuals	GCODI		
200	Kerosene	GCKER	None	GCKER		
201	Fuel Oil	GFUE	Actuals	GFUE		
202	LPG	GLPG	Actuals	GLPG		
203	Coal	GCOL	Actuals	GCOL		
204	Fuel Wood	GCFWD	Actuals	GCFWD		
205	Electricity including Impulsion	GCEIE	Actuals	GCEIE		
206						
207	Consumption by Industry (TOE)					
208	Gasoline	TCGAS	None	TCGAS	TCGAS*(1+RGP/100)	
209	Diesel	TCODI	Actuals	TCODI	TCODI*(1+RGP/100)	
210	Kerosene	TKKER	None	TKKER	TKKER*(1+RGP/100)	
211	Fuel Oil	TOFUE	Actuals	TOFUE	TOFUE*(1+RGP/100)	
212	LPG	TCLPG	Actuals	TCLPG	TCLPG*(1+RGP/100)	
213	Coal	TCOL	Actuals	TCOL	TCOL*(1+RGP/100)	
214	Fuel Wood	TCFWD	Actuals	TCFWD	TCFWD*(1+RGP/100)	
215	Total Consumption by Industry	TCTOE	Total of the above items	TCTOE	TCTOE*(1+RGP/100)	
216	Energy Saving Rate		Always None in actual terms			
217						
218	Consumption by Commercial (PHY)					
219	Gasoline	GCGAS	None	GCGAS		
220	Diesel	GCODI	None	GCODI		
221	Kerosene	GCKER	None	GCKER		
222	LPG	GLPG	Actuals	GLPG		
223	Coal	GCOL	Actuals	GCOL		
224	Electricity	GCEIE	Actuals	GCEIE		
225						
226	Consumption by Commercial (TOE)					
227	Gasoline	TCGAS	None	TCGAS	TCGAS*(1+RGP/100)	
228	Diesel	TCODI	None	TCODI	TCODI*(1+RGP/100)	
229	Kerosene	TKKER	None	TKKER	TKKER*(1+RGP/100)	
230	Fuel Oil	TOFUE	Actuals	TOFUE	TOFUE*(1+RGP/100)	
231	LPG	TCLPG	Actuals	TCLPG	TCLPG*(1+RGP/100)	
232	Coal	TCOL	Actuals	TCOL	TCOL*(1+RGP/100)	
233	Electricity	TCEIE	Actuals	TCEIE	TCEIE*(1+RGP/100)	
234						

1571	Fuel oil				GFUE	GFUE/conversion factor(VFUE)		
1581	PG				GPLG	GPLG/conversion factor(VPLG)		
1591	Coal				GPCOL	GPCOL/conversion factor(VCOL)		
160								
161	161 Energy Retail Prices (PHY)							
1621	Gasoline				GRGAS	$4.0 \text{ Adjustment} (1.06) * \text{GRGAS} * (1 + \text{CV}/100) - \text{CV} \text{ constant value}$		
1631	Diesel				GRDIE	$4.0 \text{ Adjustment} (1.29) * \text{GRDIE} * (1 + \text{CV}/100)$		
1641	Kerosene (Gas oil)				GRKRS	$4.0 \text{ Adjustment} (1.28) * \text{GRKRS} * (1 + \text{CV}/100)$		
1651	Fuel Oil				GRFUE	$4.0 \text{ Adjustment} (1.29) * \text{GRFUE} * (1 + \text{CV}/100)$		
1661	PG				GPLG	$4.0 \text{ Adjustment} (1.29) * \text{GPLG} * (1 + \text{CV}/100)$		
1671	Coal				GPCOL	$4.0 \text{ Adjustment} (1.29) * \text{GPCOL} * (1 + \text{CV}/100)$		
168								
169	169 Energy Retail Prices (IOE)							
1701	Gasoline				GRGAS	GRGAS/conversion factor(VGAS)		
1711	Diesel				GRDIE	GRDIE/conversion factor(VDIE)		
1721	Kerosene (Gas oil)				GRKRS	GRKRS/conversion factor(VKRS)		
1731	Fuel Oil				GRFUE	GRFUE/conversion factor(VFUE)		
1741	PG				GPLG	GPLG/conversion factor(VPLG)		
1751	Coal				GPCOL	GPCOL/conversion factor(VCOL)		
176								
177	177 Electricity Prices (PHY)							
1781	Electricity (Industry General)				GPELIG	$\text{GPELIG}(1) * (1 + \text{SV}/100)$ SV: Setting Value		
1791	Electricity (Residential)				GPELDO	$\text{GPELDO}(1) * (1 + \text{SV}/100)$		
1801	Electricity (Commercial)				GPELCO	$\text{GPELCO}(1) * (1 + \text{SV}/100)$		
181								
182	182 Electricity Prices (IOE)							
1831	Electricity (Industry General)				GPELIG	GPELIG/conversion factor(VELIG)		
1841	Electricity (Residential)				GPELDO	GPELDO/conversion factor(VELDO)		
1851	Electricity (Commercial)				GPELCO	GPELCO/conversion factor(VELCO)		
186								
187	187 Targson Equipment							
1881	Car and Dual Purpose Car (Registered)				ATCAR	Reg=0.3333*(RGDP)*0.421*(ATCAR)^0.691		
1891	Motor cycle and Auto Cycle (Registered)				AUTO	Reg=0.000378*(RGDP)*0.333		
1901	Truck, Lorry, and Van (Registered)				TRV	Reg=0.000378*(RGDP)*0.333		
191	Bus (Registered)				BUS	Reg=0.000378*(RGDP)*0.333		
192	Tractor, Dumper and Heavy motor car (Registered)				ATHV	(1.35 Year Average number of bus per RGDP)*RGDP		
193	Others (Registered)				ATHO	(1.15 Year Average number of Tractor per RGDP)*RGDP		
194								
195	195 Consumption by Industry (PHY)							
196	Gasoline				GOGAS	None		
197	Diesel				GODIE	None		
198	Kerosene				GOKER	None		
199	Fuel oil				GOFUE	None		
200	PG				GOLPG	None		
201	Coal				GOCOL	None		
202								
203	203 Fuel Wood				GOWLD	None		
204	Electricity including irrigation				GOCLE	None		
205								
206	206 Consumption by Industry (IOE)							
207	Gasoline				GOGAS	GOGAS/conversion factor(VGAS)		
208	Diesel				GODIE	GODIE/conversion factor(VDIE)		
209	Kerosene				GOKER	GOKER/conversion factor(VKER)		
210	Fuel Oil				GOFUE	GOFUE/conversion factor(VFUE)		
211	PG				GOLPG	GOLPG/conversion factor(VPLG)		
212	Coal				GOCOL	GOCOL/conversion factor(VCOL)		
213								
214	214 Fuel Wood				GOWLD	Total of the above items		
215	Total Consumption by Industry				GOTOT	Total of the above items		
216	Energy Saving Rate				ESR	Reg=0.1721*(VVAZFZ)*VADOM*1.32*(GFCUE/GCPIMR)*0.23*(1-TCIESR)/100 Energy Saving Rate		
217								
218	218 Consumption by Commercial (PHY)							
219	Gasoline				GCGAS	None		
220	Diesel				GCDIE	None		
221	Kerosene				GCKER	None		
222	Fuel Oil				GCFUE	None		
223	PG				GCLPG	None		
224	Coal				GCCOL	None		
225								
226	226 Commercial Electricity				GCCOCH	GCCOCH/conversion factor(VCOCH)		
227					GCCOLE	Reg=0.6721*(VAVCOM)*VAVAN*(VAVASER)*1.91*(1-TCCESSR)/100		
228	228 Consumption by Commercial (IOE)							
229	Gasoline				GCGAS	None		
230	Diesel				GCDIE	None		
231	Kerosene				GCKER	None		
232	Fuel Oil				GCFUE	None		
233	PG				GCLPG	None		
234	Coal				GCCOL	None		
235								
236	236 Consumption by Commercial (IOE)							
237	Gasoline				GCGAS	None		
238	Diesel				GCDIE	None		
239	Kerosene				GCKER	None		
240	Fuel Oil				GCFUE	None		
241	PG				GCLPG	None		
242	Coal				GCCOL	None		
243								
244	244 Commercial Electricity				GCCOCH	GCCOCH/conversion factor(VCOCH)		
245					GCCOLE	Reg=0.6721*(VAVCOM)*VAVAN*(VAVASER)*1.91*(1-TCCESSR)/100		

157	Fuel oil	GFUE	GFUE conversion factor(VUE)	
158	LPG	GPLG	GPLG conversion factor(VLG)	
159	Coal	GPCOL	GPCOL conversion factor(VCOL)	
160				
161	Energy Retail Prices (PHY)			
162	Gasoline	GRGAS	Actuals	
163	Diesel (Gas oil)	GRDIE	Actuals	
164	Kerosene	GRKER	Actuals	
165	Fuel Oil	GRFUE	Actuals	
166	LPG	GRPLG	Actuals	
167	Coal	GRPCOL	Actuals	
168				
169	Energy Retail Prices (TOE)			
170	Gasoline	TRGAS	GRGAS conversion factor(VGAS)	
171	Diesel (Gas oil)	TRDIE	GRDIE conversion factor(VDIE)	
172	Kerosene	TRKER	GRKER conversion factor(VKER)	
173	Fuel Oil	TRFUE	GRFUE conversion factor(VFUE)	
174	LPG	TRPLG	GRPLG conversion factor(VPLG)	
175	Coal	TRCOL	GRPCOL conversion factor(VCOL)	
176				
177	Electricity Prices (PHY)			
178	Electricity (Industry General)	GRGIG	Actuals	
179	Electricity (Industry)	GRGIR	Actuals	
180	Electricity (Residential)	GRERD	Actuals	
181	Electricity (Commercial)	GRERC	Actuals	
182				
183	Electricity Prices (TOE)			
184	Electricity (Industry General)	TRGIG	GRGIG conversion factor(VGIG)	
185	Electricity (Industry)	TRGIR	GRGIR conversion factor(VGIR)	
186	Electricity (Residential)	TRERD	GRERD conversion factor(VERD)	
187	Electricity (Commercial)	TRERC	GRERC conversion factor(VERC)	
188				
189	Transport Equipment			
190	Car and Dual Purpose Car (Registered)	ATCAR	Actuals	
191	Motor cycle and Auto Cycle (Registered)	ATMCC	Actuals	
192	Lorry, Truck, and Van (Registered)	ATLTV	Actuals	
193	Bus (Registered)	ATBUS	Actuals	
194	Tractor, Dumper, and Heavy motor car (Registered)	ATHTV	Actuals	
195	Others (Registered)	ATOTH	Actuals	
196				
197	Consumption by Industry (PHY)			
198	Gasoline	GIGAS	None	
199	Diesel	GIDIE	Actuals	
200	Kerosene	GIKER	None	
201	Fuel oil	GIFUE	Actuals	
202	LPG	GIPLG	Actuals	
203	Coal	GICOL	Actuals	
204	Fuel Wood	GIFWD	Actuals	
205	Electricity including irrigation	GIELE	Actuals	
206				
207	Consumption by Industry (TOE)			
208	Gasoline	TCIGAS	None	
209	Diesel	TCIDIE	GIDIE conversion factor(VDIE)	
210	Kerosene	TCIKER	None	
211	Fuel Oil	TCIFUE	GIFUE conversion factor(VFUE)	
212	LPG	TCIPLG	GIPLG conversion factor(VPLG)	
213	Coal	TCICOL	GICOL conversion factor(VCOL)	
214	Fuel Wood	TCIFWD	GIFWD conversion factor(VFWD)	
215	Total Consumption by Industry	TCITOE	Total of the above items	
216	Energy Saving Rate	TOESR	Always none in actual terms	
217				
218	Consumption by Commercial (PHY)			
219	Gasoline	CGCAS	None	
220	Diesel	CGDIE	None	
221	Kerosene	CGKER	None	
222	Fuel Oil	CGFUE	None	
223	LPG	CGPLG	Actuals	
224	Coal	CGCOL	None	
225	Charcoal	CGCHL	Actuals	
226	Electricity	CGELE	Actuals	
227				
228	Consumption by Commercial (TOE)			
229	Gasoline	TCOCAS	None	
230	Diesel	TCOCIE	None	
231	Kerosene	TCOCKER	None	
232	Fuel Oil	TCOCFUE	None	
233	LPG	TCOCPLG	Actuals	
234	Coal	TCOCCOL	None	
235	Charcoal	TCOCCHL	Actuals	
236	Electricity	TCOCLE	Actuals	
237				
238	Consumption by Residential (PHY)			
239	Gasoline	RRGAS	None	
240	Diesel	RRDIE	None	
241	Kerosene	RRKER	None	
242	Fuel Oil	RRFUE	None	
243	LPG	RRPLG	Actuals	
244	Coal	RRCOL	None	
245				
246	Consumption by Residential (TOE)			
247	Gasoline	TCRRAS	None	
248	Diesel	TCRRDIE	None	
249	Kerosene	TCRRKER	None	
250	Fuel Oil	TCRRFUE	None	
251	LPG	TCRRPLG	Actuals	
252	Coal	TCRRCOL	None	
253				
254				

157	Fuel oil	GFUE	Actuals	GFUE conversion factor(VFUE)	GFUE/1000	Constant value
158	LPG	GFPG	Actuals	GFPG conversion factor(VFPG)	GFPG/1000	Constant value
159	Coal	GFCC	Actuals	GFCC conversion factor(VCOL)	GFCC/1000	Constant value
160						
161	Energy Retail Prices (PHY)	GRGAS	Actuals			4.0 Adjustment (0.9*(G+GAS*(1-CV/100) - CV) constant value
162	Gasoline	GRDIE	Actuals			4.0 Adjustment (1.2*(G+DIE*(1-CV/100) - CV) constant value
163	Diesel (Gas oil)	GRKER	Actuals			3.0 Adjustment (1.29*(G+KER*(1-CV/100) - CV) constant value
164	Kerosene	GRFUE	Actuals			3.0 Adjustment (1.29*(G+KER*(1-CV/100) - CV) constant value
165	Fuel Oil	GRFUE	Actuals			3.0 Adjustment (1.29*(G+KER*(1-CV/100) - CV) constant value
166	LPG	GRFPG	Actuals			3.0 Adjustment (1.29*(G+KER*(1-CV/100) - CV) constant value
167	Coal	GRFCO	Actuals			1.0 Adjustment (1.4*(G+FCO*(1-CV/100) - CV) constant value
168						
169	Energy Retail Prices (TOE)	TRGAS	Actuals	TRGAS conversion factor(VGAS)	TRGAS/1000	Constant value
170	Gasoline	TRDIE	Actuals	TRDIE conversion factor(VDIE)	TRDIE/1000	Constant value
171	Diesel (Gas oil)	TRKER	Actuals	TRKER conversion factor(VKER)	TRKER/1000	Constant value
172	Kerosene	TRFUE	Actuals	TRFUE conversion factor(VFUE)	TRFUE/1000	Constant value
173	Fuel Oil	TRFUE	Actuals	TRFUE conversion factor(VFUE)	TRFUE/1000	Constant value
174	LPG	TRFPG	Actuals	TRFPG conversion factor(VFPG)	TRFPG/1000	Constant value
175	Coal	TRFCO	Actuals	TRFCO conversion factor(VCOL)	TRFCO/1000	Constant value
176						
177	Electricity Prices (PHY)	SPELLS	Actuals			SP/ELLS*(1+SV/100) SV:Setting Value
178	Electricity (Industry General)	SPELR	Actuals			SP/ELR*(1+SV/100)
179	Electricity (Agriculture)	SPEDO	Actuals			SP/EDO*(1+SV/100)
180	Electricity (Residential)	SPELCO	Actuals			SP/ELCO*(1+SV/100)
181	Electricity (Commercial)					
182						
183	Electricity Prices (TOE)	TPELLS	Actuals	TPELLS conversion factor(VLELS)	TPELLS/1000	Constant value
184	Electricity (Industry General)	TPELR	Actuals	TPELR conversion factor(VLER)	TPELR/1000	Constant value
185	Electricity (Agriculture)	TPEDO	Actuals	TPEDO conversion factor(VLEDO)	TPEDO/1000	Constant value
186	Electricity (Residential)	TPELCO	Actuals	TPELCO conversion factor(VLECO)	TPELCO/1000	Constant value
187	Electricity (Commercial)					
188						
189	Transport Equipment	ATCAR	Actuals			Reg=0.3333*(RGDP-0.29*(ATCAR*(1+0.89) - CV) constant value
190	Car and Dual Purpose Car (Registered)	ATCYC	Actuals			Reg=0.0003*(RGDP-1.23*(ATCYC*(1+0.83) - CV) constant value
191	Motor cycle and Auto Cycle (Registered)	ATTRU	Actuals			Reg=0.0003*(RGDP-1.23*(ATCYC*(1+0.83) - CV) constant value
192	Bus, Truck, and Van (Registered)	ATBUS	Actuals			Reg=0.0003*(RGDP-1.23*(ATCYC*(1+0.83) - CV) constant value
193	Tractor (Registered)	ATDUM	Actuals			Reg=0.0003*(RGDP-1.23*(ATCYC*(1+0.83) - CV) constant value
194	Tractor, Dumper and Heavy motor car (Registered)	ATDUM	Actuals			Reg=0.0003*(RGDP-1.23*(ATCYC*(1+0.83) - CV) constant value
195	Other (Registered)	ATOTH	Actuals			Reg=0.0003*(RGDP-1.23*(ATCYC*(1+0.83) - CV) constant value
196						
197	Consumption by Industry (PHY)	GGIGAS	Actuals			GGIGAS/1000
198	Gasoline	GGDIE	Actuals			GGDIE/1000
199	Diesel	GGKER	Actuals			GGKER/1000
200	Kerosene	GGFUE	Actuals			GGFUE/1000
201	Fuel oil	GGFUE	Actuals			GGFUE/1000
202	LPG	GGFPG	Actuals			GGFPG/1000
203	Coal	GGCOL	Actuals			GGCOL/1000
204	Fuel Wood	GGFWD	Actuals			GGFWD/1000
205	Electricity (Including JMW)	GGELE	Actuals			GGELE/1000
206						
207	Consumption by Industry (TOE)	TCGAS	Actuals	TCGAS conversion factor(VTOE)	TCGAS/1000	Constant value
208	Gasoline	TCDIE	Actuals	TCDIE conversion factor(VTOE)	TCDIE/1000	Constant value
209	Diesel	TCKER	Actuals	TCKER conversion factor(VTOE)	TCKER/1000	Constant value
210	Kerosene	TCFUE	Actuals	TCFUE conversion factor(VTOE)	TCFUE/1000	Constant value
211	Fuel Oil	TCFUE	Actuals	TCFUE conversion factor(VTOE)	TCFUE/1000	Constant value
212	LPG	TCFPG	Actuals	TCFPG conversion factor(VTOE)	TCFPG/1000	Constant value
213	Coal	TCCOL	Actuals	TCCOL conversion factor(VTOE)	TCCOL/1000	Constant value
214	Fuel Wood	TCFWD	Actuals	TCFWD conversion factor(VTOE)	TCFWD/1000	Constant value
215	Total Consumption by Industry	TCOTOE	Actuals	Total of the above items	TCOTOE/1000	Constant value
216	Energy Saving Rate	TOESR	Actuals	Always none in actual terms		Reg=0.72*(RVAASZ+RVAOAM)*1.32*(GAS/ECPIA)*1.03*(1-TOESR/100) constant value
217						
218	Consumption by Commercial (PHY)	GGCGAS	Actuals			GGCGAS/1000
219	Gasoline	GGCDIE	Actuals			GGCDIE/1000
220	Diesel	GGCKER	Actuals			GGCKER/1000
221	Kerosene	GGCFUE	Actuals			GGCFUE/1000
222	Fuel Oil	GGCFUE	Actuals			GGCFUE/1000
223	LPG	GGCFPG	Actuals			GGCFPG/1000
224	Coal	GGCCOL	Actuals			GGCCOL/1000
225	Charcoal	GGCCHL	Actuals			GGCCHL/1000
226	Electricity	GGCELE	Actuals			GGCELE/1000
227						
228	Consumption by Commercial (TOE)	TCGGAS	Actuals	TCGGAS conversion factor(VTOE)	TCGGAS/1000	Constant value
229	Gasoline	TCGDIE	Actuals	TCGDIE conversion factor(VTOE)	TCGDIE/1000	Constant value
230	Diesel	TCCKER	Actuals	TCCKER conversion factor(VTOE)	TCCKER/1000	Constant value
231	Kerosene	TCGFUE	Actuals	TCGFUE conversion factor(VTOE)	TCGFUE/1000	Constant value
232	Fuel Oil	TCGFUE	Actuals	TCGFUE conversion factor(VTOE)	TCGFUE/1000	Constant value
233	LPG	TCFPG	Actuals	TCFPG conversion factor(VTOE)	TCFPG/1000	Constant value
234	Coal	TCCOL	Actuals	TCCOL conversion factor(VTOE)	TCCOL/1000	Constant value

157	Fuel Oil	GFUE(FUE*1000)		
158	LPG	GP LPG(1000)		
159	Coal	GPCOL(1000)		
160				
161	Energy Retail Prices (PHY)			
162	Gasoline	GRGAS	Actuals	
163	Diesel	GRDIE	Actuals	
164	Kerosene	GRKER	Actuals	
165	Fuel Oil	GRFUE	Actuals	
166	LPG	GPLPG	Actuals	
167	Coal	GPCOL	Actuals	
168				
169	Energy Retail Prices (IOE)			
170	Gasoline	TRGAS	GRGAS/conversion factor(VGAS)	
171	Diesel	TRDIE	GRDIE/conversion factor(VOIE)	
172	Kerosene	TRKER	GRKER/conversion factor(VKER)	
173	Fuel Oil	TRFUE	GRFUE/conversion factor(VFUE)	
174	LPG	TRLPG	GPLPG/conversion factor(VLPG)	
175	Coal	TRCOL	GPCOL/conversion factor(VCOL)	
176				
177	Electricity Prices (PHY)			
178	Electricity (Industry/General)	GPELG	Actuals	
179	Electricity (Irrigation)	GPEIR	Actuals	
180	Electricity (Residential)	GPELD	Actuals	
181	Electricity (Commercial)	GPELC	Actuals	
182				
183	Electricity Prices (IOE)			
184	Electricity (Industry/General)	TRPELG	GPELG/conversion factor(VLE)	
185	Electricity (Irrigation)	TRPEIR	GPEIR/conversion factor(VLE)	
186	Electricity (Residential)	TRPELD	GPELD/conversion factor(VLE)	
187	Electricity (Commercial)	TRPELC	GPELC/conversion factor(VLE)	
188				
189	Transport Equipment			
190	Car and Dual Purpose Car (Registered)	ATCAR	Actuals	
191	Motor Cycle and Auto Cycle (Registered)	ATVOC	Actuals	
192	Truck, Van and Bus (Registered)	ATVBU	Actuals	
193	Tractor, Dumper and Heavy Motor Car (Registered)	ATVTS	Actuals	
194	Others (Registered)	ATVOT	Actuals	
195				
196				
197	Consumption by Industry (PHY)			
198	Gasoline	GCIGAS	Actuals	
199	Diesel	GCIDIE	Actuals	
200	Kerosene	GCIKER	Actuals	
201	LPG	GCILPG	Actuals	
202	Coal	GCICOL	Actuals	
203				
204	Fuel Oil	GCIFUE	Actuals	
205	Electricity including Irrigation	GCIELE	Actuals	
206				
207	Consumption by Industry (IOE)			
208	Gasoline	TCIGAS	None	
209	Diesel	TCIDIE	None	
210	Kerosene	TCIKER	None	
211	LPG	TCILPG	None	
212	Coal	TCICOL	None	
213	Fuel Oil	TCIFUE	None	
214	Electricity	TCIELE	None	
215				
216	Energy Saving Rate	TCESR	100-(TCIGAS+TCIDIE+TCIKER+TCILPG+TCICOL+TCIFUE+TCIELE)/TCIOE	
217				
218	Consumption by Commercial (PHY)			
219	Gasoline	CCIGAS	None	
220	Diesel	CCIDIE	None	
221	Kerosene	CCIKER	None	
222	LPG	CCILPG	None	
223	Coal	CCICOL	None	
224	Fuel Oil	CCIFUE	None	
225	Electricity	CCIELE	None	
226				
227	Consumption by Commercial (IOE)			
228	Gasoline	TCOCIGAS	None	
229	Diesel	TCOCIDIE	None	
230	Kerosene	TCOCIKER	None	
231	LPG	TCOCILPG	None	
232	Fuel Oil	TCOCIFUE	None	
233	Electricity	TCOCIELE	None	
234				

235	Charcoal	CCOAL	CCOAL conversion factor (VCHL)	300	Constant
236	Total Consumption by Commercial	TCCOM	Total of the above items	100.000	100.000
237	Energy Saving Rate	TCCESR	Always none in actual terms	0.0	0.0
238	Consumption by Transport (PHY)	TGTAS	Actuals		
239	Gasoline	GTDIE	Actuals		
240	Diesel	GTDIE	None		
241	Kerosene	GTDIE	None		
242	Fuel Oil	GTDIE	None		
243	LP Gas	GTDIE	None		
244	Coal	GTDIE	None		
245	Electricity	GTDIE	Actuals		
246	Electricity	GTDIE	Actuals		
247	Electricity	GTDIE	Actuals		
248	Consumption by Residential (TOE)	TGRAS	Actuals		
249	Gasoline	TGRAS	Actuals		
250	Diesel	TGRAS	None		
251	Kerosene	TGRAS	None		
252	Fuel Oil	TGRAS	None		
253	LP Gas	TGRAS	None		
254	Coal	TGRAS	None		
255	Total Consumption by Transport	TGTOT	Total of the above items		
256	Energy Saving Rate	TGTESR	Always none in actual terms		
257	Energy Saving Rate	TGTESR	Always none in actual terms		
258	Consumption by Residential (PHY)	TGRAS	Actuals		
259	Gasoline	TGRAS	Actuals		
260	Diesel	TGRAS	None		
261	Kerosene	TGRAS	None		
262	Fuel Oil	TGRAS	None		
263	LP Gas	TGRAS	None		
264	Coal	TGRAS	None		
265	Electricity	TGRAS	Actuals		
266	Electricity	TGRAS	Actuals		
267	Electricity	TGRAS	Actuals		
268	Consumption by Residential (TOE)	TGRAS	Actuals		
269	Gasoline	TGRAS	Actuals		
270	Diesel	TGRAS	None		
271	Kerosene	TGRAS	None		
272	Fuel Oil	TGRAS	None		
273	LP Gas	TGRAS	None		
274	Coal	TGRAS	None		
275	Electricity	TGRAS	Actuals		
276	Electricity	TGRAS	Actuals		
277	Electricity	TGRAS	Actuals		
278	Electricity	TGRAS	Actuals		
279	Electricity	TGRAS	Actuals		
280	Electricity	TGRAS	Actuals		
281	Electricity	TGRAS	Actuals		
282	Electricity	TGRAS	Actuals		
283	Electricity	TGRAS	Actuals		
284	Electricity	TGRAS	Actuals		
285	Electricity	TGRAS	Actuals		
286	Electricity	TGRAS	Actuals		
287	Electricity	TGRAS	Actuals		
288	Electricity	TGRAS	Actuals		
289	Electricity	TGRAS	Actuals		
290	Electricity	TGRAS	Actuals		
291	Electricity	TGRAS	Actuals		
292	Electricity	TGRAS	Actuals		
293	Electricity	TGRAS	Actuals		
294	Electricity	TGRAS	Actuals		
295	Electricity	TGRAS	Actuals		
296	Electricity	TGRAS	Actuals		
297	Electricity	TGRAS	Actuals		
298	Electricity	TGRAS	Actuals		
299	Electricity	TGRAS	Actuals		
300	Electricity	TGRAS	Actuals		
301	Electricity	TGRAS	Actuals		
302	Electricity	TGRAS	Actuals		
303	Electricity	TGRAS	Actuals		
304	Electricity	TGRAS	Actuals		
305	Electricity	TGRAS	Actuals		
306	Electricity	TGRAS	Actuals		
307	Electricity	TGRAS	Actuals		
308	Electricity	TGRAS	Actuals		
309	Electricity	TGRAS	Actuals		
310	Electricity	TGRAS	Actuals		
311	Electricity	TGRAS	Actuals		
312	Electricity	TGRAS	Actuals		

235E	Charcoal	TCCCHL	TCCCHL conversion factor(VCHL)	300: Constant
236E	Total Consumption by Commercial	TCCOER	Total of the above items	Req=0.000255*(RVA*COMH-RVABN-RVASEF)*1.89*(1-TCCESR/100)
237E	Energy Saving Rate	TCCSSR	Always none in actual terms	Energy Saving Rate
238				
239	Consumption by Transport (PHY)			
240E	Gasoline	GCTGAS	Actuals	TCTGAS*VGAS
241E	Diesel	GCTDIE	Actuals	TCTDIE*VDIE
242	Kerosene	GCKERS	None	
243	Fuel Oil	GCTFOE	None	
244	LPG	GCTLPG	None	
245	Coal	GCTCOL	None	
246E	Electricity	GCTELE	Actuals	
247				
248	Consumption by Transport (TOE)			
249E	Gasoline	GCTGAS	GCTGAS conversion factor(VGAS)	Req=4.47*(TCATCAR*TCVO)*0.747*(GRGAS*CPIMRT)*0.29*(1-TCCESR/100)
250E	Diesel	GCTDIE	GCTDIE conversion factor(VDIE)	Req=0.0864*(AT*TRU*ATBUS)*1.31*(GRDIE*CPIMRT)*1.029*(1-TCCESR/100)
251	Kerosene	GCKERS	None	
252	Fuel Oil	GCTFOE	None	
253	LPG	GCTLPG	None	
254	Coal	GCTCOL	None	
255E	Total Consumption by Transport	TCTOER	Total of the above items	TCTGAS+TCTDIE+TCTFOE
256E	Energy Saving Rate	TCTSSR	Always none in actual terms	Energy Saving Rate
257				
258	Consumption by Residential (PHY)			
259E	Kerosene	GCKERS	Actuals	TCKERS*VKER
260E	Fuel Wood	GCKFWO	Actuals	TCKFWO*VFWO
261	LPG	GCKLPG	Actuals	TCKLPG*VLPG
262	Charcoal	GCKCHL	Actuals	TCKCHL*VCHL
263	Electricity	GCKELE	Actuals	Req=0.28122*(RPPCON)*0.31*(GCOELE)*1*0.88*(1-TCCESR/100)
264				
265	Consumption by Residential (TOE)			
266E	Kerosene	TCKERS	GCKERS conversion factor(VKER)	11.000*(CKSER)*10.9
267E	Fuel Wood	TCKFWO	GCKFWO conversion factor(VFWO)	3.500*(CKFWO)*10.9
268E	LPG	TCKLPG	GCKLPG conversion factor(VLPG)	1.000*(CKLPG)*10.9
269E	Charcoal	TCKCHL	GCKCHL conversion factor(VCHL)	370*(CKCHL)*10.9
270E	Total Consumption by Residential	TCTOER	Total of the above items	Req=0.19*(TCOTOE)*1)*0.88*PPCON*0.41*(1-TCCESR/100)
271E	Energy Saving Rate	TCTSSR	Always none in actual terms	Energy Saving Rate
272				
273	Electricity Consumption as Whole			
274E	Electricity Consumption (PHY)	GCEMWH	GCELE+GCTELE+GCKELE+GCKELE	
275	Electricity Consumption (PHY) by others	GCEMWH	GCEMWH*0.018	
276	Total Electricity Consumption (PHY)	GCEMWH	GCEMWH+GCEMWH	
277E	Electricity Consumption per Hour	GCEMWH	GCEMWH/(855*24)	
278E	Load Factor	GCLOAD	Actuals	0.0 Load Factor (Value)
279E	Peak Electricity Demand per Hour	GCEPEAK	Actuals (GCEMWH/GCSELF*100)	0.01*GCEMWH/(GCLOAD*855*24)*100
280E	Self consumption % Upp	GCSSELF	Actuals (GCEMWH-GCEMWH)/GCEMWH*100	0.0 Self consumption (Constant Value)
281				
282	Electricity Generation by Sources (PHY)			
283E	Total Generation	GEGMWH	SUM(GEGHYD+GEGKER+GEGFUDH+GEGCOL+GEGBAS)	GCEMWH*(1+GCSELF*100)
284E	Hydro	GEGHYD	Actuals	190,000 Political constant
285E	Kerosene	GEGKER	Actuals	100,000 Political constant
287E	Diesel and Fuel Oil	GEGFOO	Actuals	GCEMWH*GEGHYD+GEGKER+GEGCOL+GEGBAS
288E	Coal	GEGCOL	Actuals	5,000 Political constant
289E	Biomass	GEGBAS	Actuals	5.0 GEGBAS*(1+GR/100) GR Growth Rate
290				
291	Generation Efficiency by Sources			
292E	Diesel	EFFDIE	Actuals	0.1908 Given value
293E	Hydro	EFFKER	Actuals	0.1100 Given value
294E	Fuel Oil	EFFFOO	Actuals	0.1150 Given value
295E	Coal	EFFCOL	Actuals	0.4000 Given value
296E	Biomass	EFFBAS	Actuals	2.6671 Given value
297				
298	Fuel Input for Electricity Generation (PHY)			
299E	Diesel	GFIDIE	Actuals	GFIDIE*(GEGFOO/GEGFUDH)*(EFFDIE/EFFFOE)
300E	Kerosene	GFKER	Actuals	GEGKER*EFFKER
301E	Fuel Oil	GFFOO	Actuals	GFFOO*(GEGFOO/GEGFUDH)*(EFFFOO/EFFFOE)
302E	Coal	GFCOL	Actuals	GEGCOL*EFFKER
303E	Biomass	GFBBAS	Actuals	GEGBAS*EFFBAS
304				
305	Fuel Input for Electricity Generation (TOE)			
306E	Diesel	TFIDIE	GFIDIE+Conversion factor(VOIE)	GFIDIE*VDIE
307E	Kerosene	TFKER	GFKER+Conversion factor(VKER)	GFKER*VKER
308E	Fuel Oil	TFFOO	GFFOO+Conversion factor(VFOO)	GFFOO*VFOO
309E	Coal	TFCOL	GFCOL+Conversion factor(VCOL)	GFCOL*VCOL
310E	Biomass	TFBBAS	GFBBAS+Conversion factor(VBAS)	GFBBAS*VBAS
311E	Total Fuel Input for Electricity	TFTOER	SUM(TFIDIE+TFKER+TFFOO+TFCOL+TFBBAS)	Total of the above items
312				

235	Charcoal	TCCOHL	Conversion factor (VCO-L)	0.98	Constant
236	Total Consumption by Commercial	TCOESR	Total of the above items	$Reg=0.00025*(VACOM-EVABAN+VASSER)*.99*(1+TCOESR/100)$	
237	Energy Savings Rate	TCOSR	Always none in actual terms		
238					
239	Consumption by Transport (PHY)				
240	Gasoline	GTGAS	Actuals		TOTGASV GAS
241	Diesel	GTDIE	Actuals		TOTDIEV DIE
242	Kerosene	GTKER	None		
243	Fuel Oil	GTFOE	None		
244	PG	GTLPG	None		
245	Coal	GTGOL	None		
246	Electricity	GTETE	Actuals		
247					
248	Consumption by Transport (DOE)				
249	Gasoline	GTGAS	Conversion factor (V GAS)	$Reg=.47*(10+TCAR+TCYO+.7)*(GREG+CPIMRT)*.99*(1+TCESR/100)$	
250	Diesel	GTDIE	Conversion factor (V DIE)	$Reg=.098*(1+TRU+ATBUS)*.97*(GDEICPIMRT)*.99*(1+TCESR/100)$	
251	Kerosene	GTKER	None		
252	Fuel Oil	GTFOE	None		
253	PG	GTLPG	None		
254	Coal	GTGOL	None		
255	Total Consumption by Transport	TCTOES	Total of the above items		
256	Energy Savings Rate	TCTOSR	Always none in actual terms		
257	Consumption by Residential (PHY)				
258	Kerosene	GDKER	Actuals		TCKERNV KER
259	Fuel Wood	GDFWO	Actuals		TCDFWO V FWO
260	PG	GDLPG	Actuals		TCDLPG V L PG
261	Charcoal	GDCHL	Actuals		TCDCHL V CHL
262	Electricity	GDETE	Actuals		TCEDE V E
263					
264	Consumption by Residential (DOE)				
265	Kerosene	TDKER	Conversion factor (V KER)	$1.000*(TKER/100)$	
266	Fuel Wood	TDFWO	Conversion factor (V FWO)	$3.000*(TFWO/100)$	
267	PG	TDLPG	Conversion factor (V L PG)	$3.700*(TDLPG/100)$	
268	Charcoal	TDCCHL	Conversion factor (V CHL)	$Reg=.15*(TCDOE/100)*.58*(PCOEN)*.41*(1+TCOESR/100)$	
269	Total Consumption by Residential	TCTOESR	Total of the above items		
270	Energy Savings Rate	TCTOSR	Always none in actual terms		
271					
272	Electricity Consumption as Whole				
273	Electricity Consumption (PHY)	GEEMWH	Actuals		GCETE V CTE
274	Electricity Consumption (PHY) by State	GEEMWH	Actuals		GCOWH V OHS
275	Total Electricity Consumption (PHY)	GEEMWH	Actuals		GCOWH V GOWH
276	Electricity Consumption per Hour	GEEMWH	Actuals		GCOWH V GOWH
277	Load Factor	GEEMWH	Actuals		GCOWH V GOWH
278	Peak Electricity Demand per Hour	GEEMWH	Actuals		GCOWH V GOWH
279	Self consumption & Loss	GEEMWH	Actuals		GCOWH V GOWH
280					
281	Electricity Generation by Sources (PHY)				
282	Total Generation	GEEMWH	Actuals		GCOWH V GOWH
283	Hydro	GEEMWH	Actuals		GCOWH V GOWH
284	Kerosene	GEEMWH	Actuals		GCOWH V GOWH
285	Diesel and Fuel Oil	GEEMWH	Actuals		GCOWH V GOWH
286	Coal	GEEMWH	Actuals		GCOWH V GOWH
287	Gas	GEEMWH	Actuals		GCOWH V GOWH
288	Electricity by Sources (PHY)				
289	Diesel	GEEMWH	Actuals		GCOWH V GOWH
290	Kerosene	GEEMWH	Actuals		GCOWH V GOWH
291	Fuel Oil	GEEMWH	Actuals		GCOWH V GOWH
292	Coal	GEEMWH	Actuals		GCOWH V GOWH
293	Gas	GEEMWH	Actuals		GCOWH V GOWH
294	Electricity by Sources (DOE)				
295	Diesel	GEEMWH	Actuals		GCOWH V GOWH
296	Kerosene	GEEMWH	Actuals		GCOWH V GOWH
297	Fuel Oil	GEEMWH	Actuals		GCOWH V GOWH
298	Coal	GEEMWH	Actuals		GCOWH V GOWH
299	Gas	GEEMWH	Actuals		GCOWH V GOWH
300	Total Fuel Input for Electricity				
301	Diesel	GEEMWH	Actuals		GCOWH V GOWH
302	Kerosene	GEEMWH	Actuals		GCOWH V GOWH
303	Fuel Oil	GEEMWH	Actuals		GCOWH V GOWH
304	Coal	GEEMWH	Actuals		GCOWH V GOWH
305	Gas	GEEMWH	Actuals		GCOWH V GOWH
306	Total Fuel Input for Electricity Generation (DOE)				
307	Diesel	GEEMWH	Actuals		GCOWH V GOWH
308	Kerosene	GEEMWH	Actuals		GCOWH V GOWH
309	Fuel Oil	GEEMWH	Actuals		GCOWH V GOWH
310	Coal	GEEMWH	Actuals		GCOWH V GOWH
311	Gas	GEEMWH	Actuals		GCOWH V GOWH
312	Total Fuel Input for Electricity				

235E	Charcoal	CCOHL	Conversion factor (VCHL)	
236E	Total Consumption by Commercial	TCOCOE	Total of the above items	
237E	Energy Saving Rate	TCESR	Always none in actual terms	
238E	Consumption by Transport (PHY)			
240E	Gasoline	GCTGAS	Actuals	
241E	Diesel	GCTDIE	Actuals	
242E	Kerosene	GCTKER	None	
243E	Fuel Oil	GCTFOE	None	
244E	LPG	GCTLPG	None	
245E	Coal	GCTCOE	None	
246E	Electricity	GCTELE	Actuals	
247E				
248E	Consumption by Transport (TOE)			
249E	Gasoline	CTGAS	Conversion factor (VGAS)	
250E	Diesel	CTDIE	Conversion factor (VDIE)	
251E	Kerosene	CTKER	None	
252E	Fuel Oil	CTFOE	None	
253E	LPG	CTLPG	None	
254E	Coal	CTCOE	None	
255E	Total Consumption by Transport	TCOTOE	Total of the above items	
256E	Energy Saving Rate	TCESR	Always none in actual terms	
257E	Consumption by Residential (PHY)			
259E	Kerosene	GCKER	Actuals	
260E	Fuel Wood	GCFWFO	Actuals	
261E	LPG	GCLPG	Actuals	
262E	Charcoal	GCOHL	Actuals	
263E	Electricity	GCELE	Actuals	
264E				
265E	Consumption by Residential (TOE)			
266E	Kerosene	CKER	Conversion factor (VKER)	
267E	Fuel Wood	CFWFO	Conversion factor (VWFO)	
268E	LPG	CLPG	Conversion factor (VLPG)	
269E	Charcoal	COHL	Conversion factor (VCHL)	
270E	Total Consumption by Residential	TCOHOE	Total of the above items	
271E	Energy Saving Rate	TCESR	Always none in actual terms	
272E				
273E	Electricity Consumption as Whole			
274E	Electricity Consumption (PHY)			
275E	Electricity Consumption (PHY) by others			
276E	Total Electricity Consumption (PHY)			
277E	Electricity Consumption per Hour			
278E	Load Factor			
279E	Peak Electricity Demand per Hour			
280E	Self consumption & Loss			
281E				
282E	Electricity Generation by Sources (PHY)			
283E	Total Generation			
284E	Hydro			
285E	Kerosene			
287E	Diesel and Fuel Oil			
288E	Coal			
289E	Bagasse			
290E				
291E	Generation Efficiency by Sources			
292E	Diesel			
293E	Kerosene			
294E	Fuel Oil			
295E	Coal			
296E	Bagasse			
297E				
298E	Fuel Input to Electricity Generation (PHY)			
299E	Diesel			
300E	Kerosene			
301E	Fuel Oil			
302E	Coal			
303E	Bagasse			
304E				
305E	Fuel Input to Electricity Generation (TOE)			
306E	Diesel			
307E	Kerosene			
308E	Fuel Oil			
309E	Coal			
310E	Bagasse			
311E	Total Fuel Input to Electricity			
312E				

313	Energy Consumption (PHY)	GESGAS	SUMGGAS+GGCCAS+GCTGAS	GGCCAS+GCTGAS+GGCCAS
314	Gasoline (Consumption)	GESDIE	SUMGGDIE+GGDDIE+GCTDIE	GGDDIE+GCTDIE+GGDDIE+GGDIE
315	Diesel (Consumption)	GESDIE	SUMGGDIE+GGDDIE+GCTDIE	GGDDIE+GCTDIE+GGDDIE+GGDIE
316	Jet Fuel (Consumption)	GESJET	GCTJET	GCTJET
317	Kerosene (Consumption)	GESKER	SUMGGKER+GGCKER+GCTKER+GFKER	GGCKER+GCTKER+GGCKER+GFKER
318	Fuel Oil (Consumption)	GESFUE	SUMGGFUE+GGCFUE+GCTFUE+GFIFUE	GGCFUE+GCTFUE+GGCFUE+GFIFUE
319	PG (Consumption)	GESLPG	SUMGGPG+GGCPG+GCTPG+GGDLPG	GGCPG+GCTPG+GGCPG+GGDLPG
320	Coal (Consumption)	GESCOAL	SUMGGCOAL+GGCCOAL+GCTCOAL+GFICOL	GGCCOAL+GCTCOAL+GGCCOAL+GFICOL
321	Soft Wood (Consumption)	GESVND	SUMGGVND+GGCVND	GGCVND+GGCVND
322	Charcoal (Consumption)	GESVND	SUMGGVND+GGCVND	GGCVND+GGCVND
323	Bagasse (For National Grid)	GESBAG	SUMGGBAG+GGCBAG	GGCBAG+GGCBAG
324	Hydro	GESHYD	Actuals (For El. Grid)	Actuals (For El. Grid)
325		GESHYD	Actuals	Actuals
326	Energy Consumption (TOE)	GESASG	conversion factor(VGAS)	conversion factor(VGAS)
327	Gasoline (Consumption)	GESDIE	conversion factor(VDIE)	conversion factor(VDIE)
328	Diesel (Consumption)	GESDIE	conversion factor(VDIE)	conversion factor(VDIE)
329	Jet Fuel (Consumption)	GESJET	conversion factor(VJET)	conversion factor(VJET)
330	Kerosene (Consumption)	GESKER	conversion factor(VKER)	conversion factor(VKER)
331	Fuel Oil (Consumption)	GESFUE	conversion factor(VFUE)	conversion factor(VFUE)
332	PG (Consumption)	GESLPG	conversion factor(VLPG)	conversion factor(VLPG)
333	Coal (Consumption)	GESCOAL	conversion factor(VCOAL)	conversion factor(VCOAL)
334	Fuel Wood (Consumption)	GESVND	conversion factor(VVND)	conversion factor(VVND)
335	Charcoal (Consumption)	GESVND	conversion factor(VVND)	conversion factor(VVND)
336	Bagasse (For National Grid)	GESBAG	conversion factor(VBAG)	conversion factor(VBAG)
337	Hydro	GESHYD	conversion factor(VHYD)	conversion factor(VHYD)
338	Total Energy Consumption (TOE)	GESTOE	Total of the above items	Total of the above items
339				
340	Energy for Bunkers (PHY)	GESXDI	Actuals	Actuals
341	Diesel	GESXDI	Actuals	Actuals
342	Fuel	GESXDI	Actuals	Actuals
343	Jet Fuel	GESXDI	Actuals	Actuals
344				
345	Energy for Bunkers (TOE)	GESXDI	conversion factor(VXDI)	conversion factor(VXDI)
346	Diesel	GESXDI	conversion factor(VXDI)	conversion factor(VXDI)
347	Fuel	GESXDI	conversion factor(VXDI)	conversion factor(VXDI)
348	Jet Fuel	GESXDI	conversion factor(VXDI)	conversion factor(VXDI)
349				
350	Bagasse Production and Utilization (PHY)	GESBAG	Actuals	Actuals
351	Bagasse Production	GESBAG	Actuals	Actuals
352	Electricity	GESBAG	Actuals	Actuals
353	Bagasse Remaining for Sugar Manufacturing	GESBAG	Actuals	Actuals
354				
355	Bagasse Production and Utilization (TOE)	GESBAG	conversion factor(VBAG)	conversion factor(VBAG)
356	Bagasse Production	GESBAG	conversion factor(VBAG)	conversion factor(VBAG)
357	Electricity	GESBAG	conversion factor(VBAG)	conversion factor(VBAG)
358	Bagasse for Sugar Manufacturing and Remaining	GESBAG	conversion factor(VBAG)	conversion factor(VBAG)
359				

313	Energy Consumption (PHY)	GESGAS	SUM(GCGAS+GCCGAS+GGCGAS)	
314	Gasoline Consumption	GESDIE	SUM(GGDIE+GGODIE+GGDIE)	
315	Diesel Consumption	GESJUL	GGOTJET	
316	Jet Fuel Consumption	GESKER	SUM(GCKER+GCCKER+GGCKER+GFKER)	
317	Kerosene Consumption	GESFUE	SUM(GCFUR+GGCFUR+GGCFUR+GFUR)	
318	Fuel Oil Consumption	GESLPG	SUM(GCLPG+GGCLPG+GGCLPG+GOLPG)	
319	LPG Consumption	GESCOL	SUM(GCOL+GGCOL+GGCOL+GFCOL)	
320	Coal Consumption	GESFWD	SUM(GCFWD+GGCFWD)	
321	Fire Wood Consumption	GESCHL	SUM(GSCHL+GGSCHL)	
322	Charcoal Consumption	GESBAG	Political constant	
323	Bagasse For National Grid	GESHYD	Actuals	
324	Hydro			
325				
326	Energy Consumption (TOE)	TEGGAS	GESGAS conversion factor(VGAS)	
327	Gasoline Consumption	TESDIE	GESDIE conversion factor(VDIE)	
328	Diesel Consumption	TESJUL	GESJUL conversion factor(VJUL)	
329	Jet Fuel Consumption	TESKER	GESKER conversion factor(VKER)	
330	Kerosene Consumption	TESFUE	GESFUE conversion factor(VFUE)	
331	Fuel Oil Consumption	TESLPG	GESLPG conversion factor(VLPG)	
332	LPG Consumption	TESCOL	GESCOL conversion factor(VCOL)	
333	Coal Consumption	TESFWD	GESFWD conversion factor(VFWD)	
334	Fire Wood Consumption	TESCHL	GESCHL conversion factor(VSCHL)	
335	Charcoal Consumption	TESBAG	GESBAG conversion factor(VBAG)	
336	Bagasse For National Grid	TESHYD	GESHYD conversion factor(VHYD)	
337	Hydro	TESSTOE	Total of the above items	
338	Total Energy Consumption (TOE)			
339				
340	Energy for Bunkers (PHY)	GEKDIE	Actuals	
341	Diesel	GEKFUE	Actuals	
342	Fuel	GEKJUL	Actuals	
343	Jet Fuel			
344				
345	Energy for Bunkers (TOE)	TEKDIE	GEKDIE conversion factor(VKDIE)	
346	Diesel	TEKFUE	GEKFUE conversion factor(VKFUE)	
347	Fuel	TEKJUL	GEKJUL conversion factor(VKJUL)	
348	Jet Fuel			
349				
350	Bagasse Production and Utilization (PHY)	GGGPRO	Actuals	1,600,000 Green value
351	Bagasse Production	GGGELE	Actuals	GESBAG
352	Electricity	GGGSLG	Actuals	GGGPRO
353	Bagasse Remaining for Sugar Manufacturing			
354				
355	Bagasse Production and Utilization (TOE)	TEGGPRO	GGGPRO conversion factor(VGAG)	236,000
356	Bagasse Production	TEGGELE	GGGELE conversion factor(VBAG)	
357	Electricity	TEGSLG	GGGSLG conversion factor(VSLG)	
358	Bagasse for Sugar Manufacturing and Remaining			
359				

310	Energy Consumption (PHY)	GESGAS	SUM(GCGAS+GCCOAS+GCGAS)	GCGAS	GCGAS	300.00	
314	Gasoline (Consumption)	GESDIE	SUM(GGDIE+GCCDIE+GGDIE)	GGDIE	GGDIE	100.00	
315	Diesel (Consumption)	GESJEL	SUM(GGJEL+GGJEL+GGJEL)	GGJEL	GGJEL	50.00	
316	Jet Fuel (Consumption)	GESKER	SUM(GGKER+GGKER+GGKER)	GGKER	GGKER	20.00	
317	Kerosene (Consumption)	GESLPG	SUM(GGLPG+GGGLPG+GGGLPG)	GGGLPG	GGGLPG	15.00	
318	Fuel Oil (Consumption)	GESLPG	SUM(GGLPG+GGGLPG+GGGLPG)	GGGLPG	GGGLPG	15.00	
319	Coal (Consumption)	GESLPG	SUM(GGLPG+GGGLPG+GGGLPG)	GGGLPG	GGGLPG	15.00	
320	Coal (Consumption)	GESLPG	SUM(GGLPG+GGGLPG+GGGLPG)	GGGLPG	GGGLPG	15.00	
321	Fuel Wood (Consumption)	GESCHL	SUM(GGCHL+GGCHL)	GGCHL	GGCHL	5.00	
322	Charcoal (Consumption)	GESCHL	SUM(GGCHL+GGCHL)	GGCHL	GGCHL	5.00	
323	Bagasse (For National Grid)	GESGUG	SUM(GGGUG+GGGUG)	GGGUG	GGGUG	10.00	
324	Hydro	GESGUG	SUM(GGGUG+GGGUG)	GGGUG	GGGUG	10.00	
325	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals
326	Energy Consumption (TOE)	TESCOS	SUM(GGSCOS+GGSCOS+GGSCOS)	GGSCOS	GGSCOS	100.00	
327	Gasoline (Consumption)	TESDIE	SUM(GGDIE+GGDIE+GGDIE)	GGDIE	GGDIE	50.00	
328	Diesel (Consumption)	TESDIE	SUM(GGDIE+GGDIE+GGDIE)	GGDIE	GGDIE	50.00	
329	Jet Fuel (Consumption)	TESKER	SUM(GGKER+GGKER+GGKER)	GGKER	GGKER	20.00	
330	Kerosene (Consumption)	TESKER	SUM(GGKER+GGKER+GGKER)	GGKER	GGKER	20.00	
331	Fuel Oil (Consumption)	TESLPG	SUM(GGLPG+GGGLPG+GGGLPG)	GGGLPG	GGGLPG	15.00	
332	Coal (Consumption)	TESLPG	SUM(GGLPG+GGGLPG+GGGLPG)	GGGLPG	GGGLPG	15.00	
333	Coal (Consumption)	TESLPG	SUM(GGLPG+GGGLPG+GGGLPG)	GGGLPG	GGGLPG	15.00	
334	Fuel Wood (Consumption)	TESCHL	SUM(GGCHL+GGCHL)	GGCHL	GGCHL	5.00	
335	Charcoal (Consumption)	TESCHL	SUM(GGCHL+GGCHL)	GGCHL	GGCHL	5.00	
336	Charcoal (Consumption)	TESCHL	SUM(GGCHL+GGCHL)	GGCHL	GGCHL	5.00	
337	Bagasse (For National Grid)	TESGUG	SUM(GGGUG+GGGUG)	GGGUG	GGGUG	10.00	
337E	Hydro	TESGUG	SUM(GGGUG+GGGUG)	GGGUG	GGGUG	10.00	
338	Total Energy Consumption (TOE)	TESCOE	SUM(GGSCOS+GGDIE+GGKER+GGGLPG+GGGLPG+GGCHL+GGGUG)	GGSCOS	GGSCOS	100.00	
339	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals
340	Energy for Bunkers (PHY)	GEXDIE	SUM(GGDIE+GGDIE+GGDIE)	GGDIE	GGDIE	50.00	
341	Diesel	GEXDIE	SUM(GGDIE+GGDIE+GGDIE)	GGDIE	GGDIE	50.00	
342	Fuel	GEXDIE	SUM(GGDIE+GGDIE+GGDIE)	GGDIE	GGDIE	50.00	
343	Jet Fuel	GEXKER	SUM(GGKER+GGKER+GGKER)	GGKER	GGKER	20.00	
344	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals
345	Energy for Bunkers (TOE)	TEXDIE	SUM(GGDIE+GGDIE+GGDIE)	GGDIE	GGDIE	50.00	
346	Diesel	TEXDIE	SUM(GGDIE+GGDIE+GGDIE)	GGDIE	GGDIE	50.00	
347	Fuel	TEXDIE	SUM(GGDIE+GGDIE+GGDIE)	GGDIE	GGDIE	50.00	
348	Jet Fuel	TEXKER	SUM(GGKER+GGKER+GGKER)	GGKER	GGKER	20.00	
349	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals
350	Bagasse Production and Utilization (PHY)	GEGPAD	SUM(GGGPAD+GGGPAD+GGGPAD)	GGGPAD	GGGPAD	1000.00	
351	Bagasse Production	GEGPAD	SUM(GGGPAD+GGGPAD+GGGPAD)	GGGPAD	GGGPAD	1000.00	
352	Electricity	GEGPAD	SUM(GGGPAD+GGGPAD+GGGPAD)	GGGPAD	GGGPAD	1000.00	
353	Bagasse Remaining for Sugar Manufacturing	GEGSUG	SUM(GGGUG+GGGUG+GGGUG)	GGGUG	GGGUG	100.00	
354	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals
355	Bagasse Production and Utilization (TOE)	TGPPAD	SUM(GGGPAD+GGGPAD+GGGPAD)	GGGPAD	GGGPAD	1000.00	
356	Bagasse Production	TGPPAD	SUM(GGGPAD+GGGPAD+GGGPAD)	GGGPAD	GGGPAD	1000.00	
357	Electricity	TGPPAD	SUM(GGGPAD+GGGPAD+GGGPAD)	GGGPAD	GGGPAD	1000.00	
358	Bagasse for Sugar Manufacturing and Remaining	TGGSUG	SUM(GGGUG+GGGUG+GGGUG)	GGGUG	GGGUG	100.00	
359	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals

313	Energy Consumption (PHY)	GESGAS	SUM(GGAS+GGOGAS+GC+GAS)	GGAS+GGOGAS+GGOGAS+GGOGAS
314	Gasoline Consumption	GESDIE	SUM(GGDIE+GGDIE+GGDIE+GGDIE)	GGDIE+GGDIE+GGDIE+GGDIE
315	Diesel Consumption	GESJFL	GGTJET	GGTJET
316	Jet Fuel Consumption	GESKER	SUM(GGKER+GGKER+GGKER+GGKER)	GGKER+GGKER+GGKER+GGKER
317	Kerosene Consumption	GESLPG	SUM(GGLPG+GGGLPG+GGGLPG+GGGLPG)	GGGLPG+GGGLPG+GGGLPG+GGGLPG
318	Fuel Oil Consumption	GESCOL	SUM(GGCOL+GGCOL+GGCOL+GGCOL)	GGCOL+GGCOL+GGCOL+GGCOL
319	LPG Consumption	GESVWD	SUM(GGVWD+GGVWD)	GGVWD+GGVWD
320	Coal Consumption	GESVCH	SUM(GGCHL+GGCHL)	GGCHL+GGCHL
321	Fuel Wood Consumption	GESVAG	Actuals (For El + Other)	Political constant
322	Charcoal Consumption	GESHYD	Actuals	Political constant
323	Bagasse For National Grid			
324	Hydro			
325				
326	Energy Consumption (TOE)	TESGAS	GESGAS*conversion factor(VGAS)	GESGAS*VGAS
327	Gasoline Consumption	TESDIE	GESDIE*conversion factor(VDIE)	GESDIE*VDIE
328	Diesel Consumption	TESJFL	GESJFL*conversion factor(VJFL)	GESJFL*VJFL
329	Jet Fuel Consumption	TESKER	GESKER*conversion factor(VKER)	GESKER*VKER
330	Kerosene Consumption	TESLPG	GESLPG*conversion factor(VLPG)	GESLPG*VLPG
331	Fuel Oil Consumption	TESCOL	GESCOL*conversion factor(VCOL)	GESCOL*VCOL
332	LPG Consumption	TESVWD	GESVWD*conversion factor(VVWD)	GESVWD*VVWD
333	Coal Consumption	TESVCH	GESVCH*conversion factor(VVCH)	GESVCH*VVCH
334	Fuel Wood Consumption	TESVAG	GESVAG*conversion factor(VVAG)	GESVAG*VVAG
335	Charcoal Consumption	TESHYD	GESHYD*conversion factor(VVHYD)	GESHYD*VVHYD
336	Bagasse For National Grid			
337	Hydro			
338	Total Energy Consumption (TOE)	TESTOE	Total of the above items	Total of the above items
339				
340	Energy for Bunkers (PHY)	GEXDIE	Actuals	None
341	Diesel	GEXJFL	Actuals	None
342	Fuel	GEXVCH	Actuals	None
343	Jet Fuel	GEXVWD	Actuals	None
344				
345	Energy for Bunkers (TOE)	TBXDIE	GEXDIE*conversion factor(VDIE)	None
346	Diesel	TBXJFL	GEXJFL*conversion factor(VJFL)	None
347	Fuel	TBXVCH	GEXVCH*conversion factor(VVCH)	None
348	Jet Fuel	TBXVWD	GEXVWD*conversion factor(VVWD)	None
349				
350	Bagasse Production and Utilization (PHY)	GEGPAD	Actuals	1,500,000 Green Yards
351	Electricity Production	GBGELE	Actuals	GES5BAG
352	Electricity	GBGSUG	Actuals	GES6PRO+GES6ELE
353	Bagasse Remaining for Sugar Manufacturing			
354				
355	Bagasse Production and Utilization (TOE)	TBPBPD	GEGPAD*conversion factor(VBAG)	255,000
356	Electricity Production	TBGELE	GBGELE*conversion factor(VBAG)	GES6ELE*VBAG
357	Electricity	TBGSUG	GBGSUG*conversion factor(VBAG)	GES6UG*VBAG
358	Bagasse for Sugar Manufacturing and Remaining			
359				

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