

Chapter 6. Revision and Up-date of Files

6. Revision and Up-date of Files

6.1 Revision of Files

(1) Revising historical data

Data in the energy database (historical data) consists of data from 1985 through 1995. Nearly all of this historical data was obtained by selecting data related to energy demand forecasting from statistical data published by the CSO (Central Statistics Office). This data was input as the foundation of the energy database system. Although the latest data available at the time this energy database was created (August 1996) has been utilized, if any revisions to data from 1985 through 1995 are announced by the CSO, this data will naturally need to be re-entered.

Data revisions such as this, can be made simply under Excel by directly entering the revised data into the affected cell. For example, if a new figure for 1995 population, as shown on **Screen 116**, were announced by the CSO, the user would open the file **Energy_Case_01.XLS** and directly enter the new figure into cell number P3.

(Refer to Screen 116)

Screen 117 is the screen after this revision is made.

(Refer to Screen 117)

The important thing to remember whenever a revision has been made to **Energy_Case_01.XLS** is that the same revision must be made to the files which use historical data from this file as their basis. These files are: **Energy_Case_02.XLS**, **Energy_Case_03.XLS**, **REGM.XLS**, **REGE.XLS**, **Base_Case.XLS**, and **Base_Simulations.XLS**. Although the 18 files contained in the **Energy_Data_Base.XLS** folder have been linked together, the individual cells themselves have not been linked.

Screen 116

		1116							
A	B	C	N	O	P	Q			
1			1993	1994	1995	95/85			
2	Social statistics								
3	E Population (Middle of Years)		1,090	1,103	1,116				
4	I Independent Households		182	184	186				
5									
6	Labor Forces								
7	E Agriculture, Hunting, Forestry, Mining, and Quarrying		72,000	72,000	71,200				
8	E Manufacturing		141,100	142,000	143,500				
9	E Sugar		7,000	6,800	6,200				
10	E EPZ		86,000	83,100	81,100				
11	E Domestic Manufacturing		48,100	52,100	56,200				
12	E Electricity, Gas, and Water		3,600	3,400	3,500				
13	E Construction		35,300	36,200	36,000				
14	E Wholesale, Retail, Restaurants, and Hotels		70,200	76,000	80,100				
15	E Transportation, Storage, and Communication		34,600	35,600	36,600				
16	E Banking, Insurance, Real Estate, Business service		13,800	15,000	16,000				
17	E Other service		117,300	122,600	127,700				
18	I Total Labor Force		487,900	502,800	514,600				
19	I Labor Force in Population		45	46	46				
20									
21	GDP at current Price								
22	I Agriculture, Hunting, Forestry, Mining, and Quarrying		4,750	5,040	5,736				
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EnergyModel

		P3		1120		G		N		O		P		G			
		A	B	C		D		E		F		G		H			
1	2	1993														1995	95/85
1	2	Social statistics															
3	3	E	Population (Middle of Years)													1,120	
4	4	I	Independent Households													187	
5	5																
6	6	Labor Forces															
7	7	E	Agriculture, Hunting, Forestry, Mining, and Quarrying													71,200	
8	8	E	Manufacturing													143,500	
9	9	E	Sugar													6,200	
10	10	E	EPZ													81,100	
11	11	E	Domestic Manufacturing													56,200	
12	12	E	Electricity, Gas, and Water													3,500	
13	13	E	Construction													36,000	
14	14	E	Wholesale, Retail, Restaurants, and Hotels													80,100	
15	15	E	Transportation, Storage, and Communication													36,600	
16	16	E	Banking, Insurance, Real Estate, Business service													16,000	
17	17	E	Other service													127,700	
18	18	I	Total Labor Force													487,900	
19	19	I	Labor Force in Population													46	
20	20																
21	21	GDP at current Price															
22	22	I	Agriculture, Hunting, Forestry, Mining, and Quarrying													5,040	
		Sum														5,736	

6.2 Up-date of Files

(1) Updating historical data

As described in the last section, historical data from 1985 through 1995 is used as the basis to forecast macro-economic trends and energy demand for the nation of Mauritius as formulated from forecast factors derived from external and internal variables.

Since the baseline data required for forecast analysis is based on the last 10 years worth of data, it is not possible to enter data covering more than 10 years into the system. In the near future, the CSO will announce the statistical data for 1996. At this time, it will be necessary to enter this new 1996 data into the energy database. The term "update" refers to this process of entering new historical data.

Historical data of the energy database can be updated by following the procedures given below.

Open the file **Energy_Case_01.XLS** and point the mouse cursor at the cells in column Q and click once on the left button. This will cause all cells in column Q to be highlighted (**Screen 118**). Next, click the right mouse button and a selection menu surrounded by a rectangular border will appear. Select "Insert" and click the mouse button.

(**Refer to Screen 118**)

Once the above procedure has been completed, a new column of empty cells will appear between column P and column Q. This new column of cells will now become column Q. The software will standby for data entry into these cells. Once the historical data for 1996 has been entered into this new column the work necessary for adding the new historical data into the database will be complete.

Note, however, that the entire job is not finished yet. The energy database system makes forecasts based on 10 years worth of historical data. However, once the data for 1996 is entered, the forecast base is increased to 11 years. It is therefore necessary to delete the oldest data, in this case the data for 1985.

Microsoft Excel - Energy_Case_01

File Edit View Insert Format Tools Data Window Help

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Cl '95/85

	K	L	M	N	O	P	Q	R
	1990	1991	1992	1993	1994	1995	95/85	2000/1995
1								
2	1,070	1,070	1,080	1,090	1,103	1,120	12	
3	178	178	180	182	184	187	12	
4								
5								
6	72,900	73,000	72,700	72,000	72,000	71,200	-27	
7	139,000	144,000	142,500	141,100	142,000	143,500	80	
8	7,500	7,400	7,300	7,000	6,800	6,200	43	
9	89,900	89,900	90,000	86,000	83,100	81,100		
10	42,600	43,100	45,200	48,100	52,100	56,200		
11	3,400	3,400	3,400	3,600	3,400	3,500		
12	31,000	31,400	33,800	35,300	36,200	36,000		
13	52,200	57,000	61,600	70,200	76,000	80,100		
14	28,700	31,100	33,800	34,600	35,600	36,600		
15	11,500	12,100	13,000	13,800	15,000	16,000		
16	102,100	105,500	112,400	117,300	122,600	127,700		
17	440,800	457,500	473,200	487,900	502,800	514,600		
18	41	43	44	45	46	46		
19								
20								
21	4,048	4,266	4,660	4,750	5,040	5,736	103	
22								

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Out Copy Insert Delete Clear Contents Format Cells Column Width Hide Unhide

The data for 1985 can easily be deleted using the cell deletion method described below. Open the file **Energy_Case_01.XLS** and point the mouse cursor at the cells in column F (**Screen 119**). Next, click on the left button. This will cause all cells in column Q to be highlighted. Next, click the right mouse button and a selection menu surrounded by a rectangular border will appear. Select "Delete" and click the mouse button. (**Screen 120**)

(Refer to Screen 119)

(Refer to Screen 120)

(Refer to Screen 121)

Screen 121 below shows the file after deletion has been performed. The same procedure must be repeated to delete the corresponding cells from the following files: **Energy_Case_02.XLS**, **Energy_Case_03.XLS**, **REGM.XLS**, **REGE.XLS**, **Base_Case.XLS**, and **Case_Simulations.XLS**.

Microsoft Excel - Energy Case D1

File Edit View Insert Format Tools Data Window Help

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	F	D	E
1	1985		
2	Social statistics		
3	E Population (Middle of Years)	1000 Persons	POP
4	I Independent Households	1000 families	HOH
5			
6	Labor Forces		
7	E Agriculture, Hunting, Forestry, Mining, and Quarrying	Person	LABPRI
8	E Manufacturing	Person	LABMAN
9	E Sugar	Person	LABSUG
10	E EPZ	Person	LABEPZ
11	E Domestic Manufacturing	Person	LABDOM
12	E Electricity, Gas, and Water	Person	LABELE
13	E Construction	Person	LABCON
14	E Wholesale, Retail, Restaurants, and Hotels	Person	LABCOM
15	E Transportation, Storage, and Communication	Person	LABTRA
16	E Banking, Insurance, Real Estate, Business service	Person	LABBAN
17	E Other service	Person	LABSER
18	I Total Labor Force	Person	LABTOT
19	I Labor Force in Population	%	LABSHA
20			
21	GDP at current Price		
22	I Agriculture, Hunting, Forestry, Mining, and Quarrying	Rs Million	NVAPRI

990
165
93,200
66,200
3,900
12,800

Go To Menu

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Places values or formulas; performs special operations

Context menu: Cut, Copy, Paste, Paste Special, Insert, Delete, Clear Contents, Format Cells, Column Width, Hide, Unhide

Microsoft Excel - Energy_Case.01

File Edit View Insert Format Tools Data Window Help

100%

1985

	B	C	D	E	F
1					1985
2	Social statistics				
3	E Population (Middle of Years)		1000 Persons	POP	990
4	I Independent Households		1000 families	HOH	165
5					
6	Labor Forces				
7	E Agriculture, Hunting, Forestry, Mining, and Quarrying		Person	LABPRI	93,200
8	E Manufacturing		Person	LABMAN	66,200
9	E Sugar		Person	LABSUG	
10	E EPZ		Person	LABEPZ	
11	E Domestic Manufacturing		Person	LABDOM	
12	E Electricity, Gas, and Water		Person	LABELE	3,900
13	E Construction		Person	LABCON	12,800
14	E Wholesale, Retail, Restaurants, and Hotels		Person	LABCOM	
15	E Transportation, Storage, and Communication		Person	LABTRA	
16	E Banking, Insurance, Real Estate, Business service		Person	LABBAN	
17	E Other service		Person	LABSER	
18	I Total Labor Force		Person	LABTOT	
19	I Labor Force in Population		%	LABSHA	
20					
21	GDP at current Price				
22	I Agriculture, Hunting, Forestry, Mining, and Quarrying		Rs Million	NVAPRI	

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Press values or format to perform special operations

	B4		HOH		D	E	F	#REF!
1								
2		Social statistics						
3	E	Population (Middle of Years)		1000 Persons	POP			990
4	I	Independent Households		1000 families	HOH			165
5								
6		Labor Forces						
7	E	Agriculture, Hunting, Forestry, Mining, and Quarrying		Person	LABPRI			90,600
8	E	Manufacturing		Person	LABMAN			90,300
9	E	Sugar		Person	LABSUG			
10	E	EPZ		Person	LABEPZ			
11	E	Domestic Manufacturing		Person	LABDOM			
12	E	Electricity, Gas, and Water		Person	LABLE			3,600
13	E	Construction		Person	LABCON			13,400
14	E	Wholesale, Retail, Restaurants, and Hotels		Person	LABCOM			29,400
15	E	Transportation, Storage, and Communication		Person	LABTRA			19,400
16	E	Banking, Insurance, Real Estate, Business service		Person	LABBAN			6,500
17	E	Other service		Person	LABSER			96,500
18	I	Total Labor Force		Person	LABTOT			349,800
19	I	Labor Force in Population		%	LABSHA			36
20								
21		GDP at current Price						
22	I	Agriculture, Hunting, Forestry, Mining, and Quarrying		Rs Million	NVAPRI			2,532
EnergyModel / Subsector / Energy Prices / HelpSheet / Sheet5 / 14								
Ready								NUM

Appendix 1. Abbreviations in the Database

Abbreviations in the Database (1)

A	ATBUS	Transportation Equipment : Bus (Registered)
	ATCAR	Transportation Equipment : Car and Dual Purpose Car (Registered)
	ATCYC	Transportation Equipment : Motor cycle and Auto Cycle (Registered)
	ATHVY	Transportation Equipment : Tractor, Dumper and Heavy motor car (Registered)
	ATOTH	Transportation Equipment : Others (Registered)
	ATTRU	Transportation Equipment : Lorry, Truck, and Van (Registered)
C	COBAGG	CO ₂ Coefficients : Bagasse
	COCHCL	CO ₂ Coefficients : Charcoal
	COCOAL	CO ₂ Coefficients : Coal
	CODIE	CO ₂ Coefficients : Diesel
	COFUO	CO ₂ Coefficients : Fuel Oil
	COFWOD	CO ₂ Coefficients : Fuel Wood
	COGAS	CO ₂ Coefficients : Gasoline
	COKERO	CO ₂ Coefficients : Kerosene
	COLPG	CO ₂ Coefficients : LPG
	CPIMRT	Price Index and Exchange Rate : Consumer Price Index
	CPISA	Price Index and Exchange Rate : Consumer Price Index of South Africa
D	DFLGDGP	GDP Deflator
E	EDFIX	GDE at Current Price : Gross Domestic Fixed Capital Formation
	EEXP	GDE at Current Price : Export of Goods and Non-factor Services
	EFFBAG	Generation Efficiency by Sources : Bagasse
	EFFCOL	Generation Efficiency by Sources : Coal
	EFFDIE	Generation Efficiency by Sources : Diesel
	EFFFUE	Generation Efficiency by Sources : Fuel Oil
	EFFKER	Generation Efficiency by Sources : Kerosene
	EGCON	GDE at Current Price : Gov. Consumption Expenditure
	EGFIX	GDE at Current Price : Gross Domestic Fixed Capital Formation, Govern. Fixed Capital Formation
	EIMP	GDE at Current Price : Import of Goods and Non-factor Service
	EPCON	GDE at Current Price : Private Consumption Expenditure
	EPFIX	GDE at Current Price : Gross Domestic Fixed Capital Formation, Private Fixed Capital Formation
	EXCHG	Price Index and Exchange Rate : Exchange Rates: R's vs US Dollar
	EXGSA	Price Index and Exchange Rate : SA exchange Rates: Rand vs US Dollar
	EXVLIX	Price Index and Exchange Rate : Export unit value Index
G	GBGELE	Bagasse Production and Utilization (PHY) : Electricity

Abbreviations in the Database (2)

G

GBGPRD	Bagasse Production and Utilization (PHY) : Bagasse Production
GBGSUG	Bagasse Production and Utilization (PHY) : Bagasse Remaining for Sugar Manufacturing
GCCCHL	Consumption by Commercial (PHY) : Charcoal
GCCCOL	Consumption by Commercial (PHY) : Coal
GCCDIE	Consumption by Commercial (PHY) : Diesel
GCCELE	Consumption by Commercial (PHY) : Electricity
GCCFUE	Consumption by Commercial (PHY) : Fuel Oil
GCCGAS	Consumption by Commercial (PHY) : Gasoline
GCKKER	Consumption by Commercial (PHY) : Kerosene
GCCLPG	Consumption by Commercial (PHY) : LPG
GCDCHL	Consumption by Residential (PHY) : Charcoal
GCDELE	Consumption by Residential (PHY) : Electricity
GCDPWD	Consumption by Residential (PHY) : Fuel Wood
GCDKER	Consumption by Residential (PHY) : Kerosene
GCDLPG	Consumption by Residential (PHY) : LPG
GCEMWh	Electricity Consumption as Whole : Electricity Consumption (PHY)
GCICOL	Consumption by Industry (PHY) : Coal
GCIDIE	Consumption by Industry (PHY) : Diesel
GCIELE	Consumption by Industry (PHY) : Electricity including irrigation
GCIFUE	Consumption by Industry (PHY) : Fuel oil
GCIFWD	Consumption by Industry (PHY) : Fuel Wood
GCIGAS	Consumption by Industry (PHY) : Gasoline
GCIKER	Consumption by Industry (PHY) : Kerosene
GCILPG	Consumption by Industry (PHY) : LPG
GCLoad	Electricity Consumption as Whole : Load Factor
GCOBAGG	CO ₂ Generated : Bagasse
GCOCHCL	CO ₂ Generated : Charcoal
GCOCOAL	CO ₂ Generated : Coal
GCODIE	CO ₂ Generated : Diesel
GCOFUO	CO ₂ Generated : Fuel Oil
GCOFWOD	CO ₂ Generated : Fuel Wood
GCOGAS	CO ₂ Generated : Gasoline
GCKERO	CO ₂ Generated : Kerosene
GCOLPG	CO ₂ Generated : LPG
GCOMWh	Electricity Consumption as Whole : Electricity Consumption by Others
GCOTTL	CO ₂ Generated : CO ₂ Total
GCPEAK	Electricity Consumption as Whole : Peak Electricity Demand per Hour
GCPMWh	Electricity Consumption as Whole : Electricity Consumption per Hour

Abbreviations in the Database (3)

G

GCSELF	Electricity Consumption as Whole : Self consumption & Loss
GCTCOL	Consumption by Transport (PHY) : Coal
GCTDIE	Consumption by Transport (PHY) : Diesel
GCTELE	Consumption by Transport (PHY) : Electricity
GCTFUE	Consumption by Transport (PHY) : Fuel Oil
GCTGAS	Consumption by Transport (PHY) : Gasoline
GCTJFL	Energy for bunkers (PHY) : Jet Fuel
GCTKER	Consumption by Transport (PHY) : Kerosene
GCTLPG	Consumption by Transport (PHY) : LPG
GCTMWh	Electricity Consumption as Whole : Total Electricity Consumption(PHY)
GGBAG	Electricity Generation by Sources (PHY) : Bagasse
GEGCOL	Electricity Generation by Sources (PHY) : Coal
GEGFUDI	Electricity Generation by Sources (PHY) : Diesel and Fuel Oil
GEGHYD	Electricity Generation by Sources (PHY) : Hydro
GEGHYD	Energy Consumption (PHY) : Hydro (Consumption)
GEGKER	Electricity Generation by Sources (PHY) : Kerosene
GEGMWh	Electricity Generation by Sources (PHY) : Total Generation
GESBAG	Energy Consumption (PHY) : Bagasse (For National Grid)
GESCHL	Energy Consumption (PHY) : Charcoal (Consumption)
GESCOL	Energy Consumption (PHY) : Coal (Consumption)
GESDIE	Energy Consumption (PHY) : Diesel (Consumption)
GESFUE	Energy Consumption (PHY) : Fuel Oil (Consumption)
GESFWD	Energy Consumption (PHY) : Fuel Wood (Consumption)
GESGAS	Energy Consumption (PHY) : Gasoline (Consumption)
GESKER	Energy Consumption (PHY) : Kerosene (Consumption)
GESLPG	Energy Consumption (PHY) : LPG (Consumption)
GEXDIE	Energy for bunkers (PHY) : Diesel
GEXFUE	Energy for bunkers (PHY) : Fuel
GFD&S	Government Finance at Current Price : Deficit and Surplus
GFEXP	Government Finance at Current Price : Expenditure
GFGRT	Government Finance at Current Price : Grants Received
GFIBAG	Fuel Input for Electricity Generation (PHY) : Bagasse
GFICOL	Fuel Input for Electricity Generation (PHY) : Coal
GFIDIE	Fuel Input for Electricity Generation (PHY) : Diesel
GFIFUE	Fuel Input for Electricity Generation (PHY) : Fuel Oil
GFIKER	Fuel Input for Electricity Generation (PHY) : Kerosene
GFNLD	Government Finance at Current Price : Lending - Repayment
GFREV	Government Finance at Current Price : Revenue
GPCOL	Energy Wholesale Prices (PHY) : Coal
GPDIE	Energy Wholesale Prices (PHY) : Diesel (Gas oil)

Abbreviations in the Database (4)

G

GPELIG Electricity Prices (PHY) : Electricity (Industry General)
 GPELIR Electricity Prices (PHY) : Electricity (Irrigation)
 GPFUE Energy Wholesale Prices (PHY) : Fuel Oil
 GPGAS Energy Wholesale Prices (PHY) : Gasoline
 GPKER Energy Wholesale Prices (PHY) : Kerosene
 GPLPG Energy Wholesale Prices (PHY) : LPG
 GRCOL Energy Retail Prices (PHY) : Coal
 GRDIE Energy Retail Prices (PHY) : Diesel (Gas oil)
 GRELCO Electricity Prices (PHY) : Electricity (Commercial)
 GRELDO Electricity Prices (PHY) : Electricity (Residential)
 GRFUE Energy Retail Prices (PHY) : Fuel Oil
 GRGAS Energy Retail Prices (PHY) : Gasoline
 GRKER Energy Retail Prices (PHY) : Kerosene
 GRLPG Energy Retail Prices (PHY) : LPG

H

HOH Social statistics, independent Households

I

IMVLIX Price Index and Exchange Rate : Import unit value Index

L

LABBAN Labour Forces : Banking, insurance, Real Estate, Business service
 LABCOM Labour Forces : Wholesale, Retail, Restaurants, and Hotels
 LABCON Labour Forces : Construction
 LABDOM Labour Forces : Manufacturing, Domestic Manufacturing
 LABELE Labour Forces : Electricity, Gas, and Water
 LABEPZ Labour Forces : Manufacturing, EPZ
 LABMAN Labour Forces : Manufacturing
 LABPRI Labour Forces : Agriculture, Hunting, Forestry, Mining, and Quarrying
 LABSER Labour Forces : Other service
 LABSHA Labour Forces : Labour Force in Population
 LABSUG Labour Forces : Manufacturing, Sugar
 LABTOT Labour Forces : Total Labour Force
 LABTRA Labour Forces : Transportation, Storage, and Communication
 LPVBAN Labour Productivity (1990) : Banking, insurance, Real Estate, Business service
 LPVCOM Labour Productivity (1990) : Wholesale, Retail, Restaurants, Hotels
 LPVCON Labour Productivity (1990) : Construction
 LPVDOM Labour Productivity (1990) : Manufacturing, Domestic Manufacturing
 LPVELE Labour Productivity (1990) : Electricity, Gas, and Water
 LPVEPZ Labour Productivity (1990) : Manufacturing, EPZ
 LPVMAN Labour Productivity (1990) : Manufacturing

Abbreviations in the Database (5)

L	LPVPRI	Labour Productivity (1990) : Agriculture, Hunting, Forestry, Mining, and Quarrying
	LPVSER	Labour Productivity (1990) : Other service
	LPVSUG	Labour Productivity (1990) : Manufacturing, Sugar
	LPVTOT	Labour Productivity (1990) : Total Labour Productivity at Constant Price (1990)
	LPVTRA	Labour Productivity (1990) : Transportation, Storage, and Communication
M	MCCPRT	Macro Index : Marginal Capital Coefficient of Private sector
	MCCTOT	Macro Index : Marginal Capital Coefficient of Public & Private sectors
N	NGDP	GDP at current Price : GDP at Current Price
	NVABAN	GDP at current Price : Banking, Insurance, Real Estate, Business service
	NVABSC	GDP at current Price : Imputed Bank Service Charge
	NVACOM	GDP at current Price : Wholesale, Retail, Restaurants, and Hotels
	NVACON	GDP at current Price : Construction
	NVADOM	GDP at current Price : Manufacturing, Domestic Manufacturing
	NVAELE	GDP at current Price : Electricity, Gas, and Water
	NVAEPZ	GDP at current Price : Manufacturing, EPZ
	NVAFAC	GDP at current Price : GDP at Factor cost
	NVAMAN	GDP at current Price : Manufacturing
	NVAPRI	GDP at current Price : Agriculture, Hunting, Forestry, Mining, and Quarrying
	NVASER	GDP at current Price : Other service
	NVASUG	GDP at current Price : Manufacturing, Sugar
	NVATAX	GDP at current Price : Net Indirect Taxes
	NVATRA	GDP at current Price : Transportation, Storage, and Communication
R	PERGDP	GDP per Capita at Constant Price
	POP	Social statistics, Population (Middle of Years)
	RDFIX	GDE at Constant Price (1990) : Gross Domestic Fixed Capital Formation
	REXP	GDE at Constant Price (1990) : Export of Goods and Non-factor Services
	RGCON	GDE at Constant Price (1990) : Gov. Consumption Expenditure
	RGDE	GDE at Constant Price (1990) : GDE at Constant Price (1990)
	RGDP	GDP at Constant Price (1990) : GDP at constant (1990)
	RGFD&S	Government Finance at Constant Price (1990) : Deficit and Surplus
	RGFEXP	Government Finance at Constant Price (1990) : Expenditure
	RGFGRT	Government Finance at Constant Price (1990) : Grants Received
	RGFIX	GDE at Constant Price (1990) : Gross Domestic Fixed Capital Formation, Govern. Fixed Capital Formation
	RGFNLD	Government Finance at Constant Price (1990) : Lending - Repayment
	RGFREV	Government Finance at Constant Price (1990) : Revenue
	RIMP	GDE at Constant Price (1990) : Import of Goods and Non-factor Service

Abbreviations in the Database (6)

R

RPCON	GDE at Constant Price (1990) : Private Consumption Expenditure
RPFIX	GDE at Constant Price (1990) : Gross Domestic Fixed Capital Formation, Private Fixed Capital Formation
RSSE	GDE at Constant Price (1990) : Stock & Statistical Error
RVABAN	GDP at Constant Price (1990) : Banking, Insurance, Real Estate, Business service
RVABSC	GDP at Constant Price (1990) : Imputed Bank Service Charge
RVACOM	GDP at Constant Price (1990) : Wholesale, Retail, Restaurants, and Hotels
RVACON	GDP at Constant Price (1990) : Construction
RVADOM	GDP at Constant Price (1990) : Manufacturing, Domestic Manufacturing
RVAELE	GDP at Constant Price (1990) : Electricity, Gas, and Water
RVAEPZ	GDP at Constant Price (1990) : Manufacturing, EPZ
RVAFAC	GDP at Constant Price (1990) : GDP at Factor cost
RVAMAN	GDP at Constant Price (1990) : Manufacturing,
RVAPRI	GDP at Constant Price (1990) : Agriculture, Hunting, Forestry, Mining, and Quarrying
RVASER	GDP at Constant Price (1990) : Other service
RVASUG	GDP at Constant Price (1990) : Manufacturing, Sugar
RVATAX	GDP at Constant Price (1990) : Net Indirect Taxes
RVATRA	GDP at Constant Price (1990) : Transportation, Storage, and Communication
TBGELE	Bagasse Production and Utilization (TOE) : Electricity

T

TBGRPD	Bagasse Production and Utilization (TOE) : Bagasse Production
TBGSUG	Bagasse Production and Utilization (TOE) : Bagasse for Sugar Manufacturing and Remaining
TCCCHL	Consumption by Commercial (TOE) : Charcoal
TCCCOL	Consumption by Commercial (TOE) : Coal
TCCDIE	Consumption by Commercial (TOE) : Diesel
TCCESR	Consumption by Commercial (TOE) : Energy Saving Rate
TCCFUE	Consumption by Commercial (TOE) : Fuel Oil
TCCGAS	Consumption by Commercial (TOE) : Gasoline
TCCKER	Consumption by Commercial (TOE) : Kerosene
TCCLPG	Consumption by Commercial (TOE) : LPG
TCCTOE	Consumption by Commercial (TOE) : Total Consumption by Commercial
TCDCHL	Consumption by Residential (TOE) : Charcoal
TCDESR	Consumption by Residential (TOE) : Energy Saving Rate
TCDFWD	Consumption by Residential (TOE) : Fuel Wood
TCDKER	Consumption by Residential (TOE) : Kerosene
TCDLPG	Consumption by Residential (TOE) : LPG
TCDTOE	Consumption by Residential (TOE) : Total Consumption by Residential
TCICOL	Consumption by Industry (TOE) : Coal
TCIDIE	Consumption by Industry (TOE) : Diesel
TCIESR	Consumption by Industry (TOE) : Energy Saving Rate

Abbreviations in the Database (7)

T

TCIFUE	Consumption by Industry (TOE) : Fuel Oil
TCIFWD	Consumption by Industry (TOE) : Fuel Wood
TCIGAS	Consumption by Industry (TOE) : Gasoline
TCIKER	Consumption by Industry (TOE) : Kerosene
TCILPG	Consumption by Industry (TOE) : LPG
TCITOE	Consumption by Industry (TOE) : Total Consumption by Industry
TCTCOL	Consumption by Transport (TOE) : Coal
TCTDIE	Consumption by Transport (TOE) : Diesel
TCTESR	Consumption by Transport (TOE) : Energy Saving Rate (Reduction of total mileage)
TCTFUE	Consumption by Transport (TOE) : Fuel Oil
TCTGAS	Consumption by Transport (TOE) : Gasoline
TCTJFL	Energy for bunkers (TOE) : Jet Fuel
TCTKER	Consumption by Transport (TOE) : Kerosene
TCTLPG	Consumption by Transport (TOE) : LPG
TCTTOE	Consumption by Transport (TOE) : Total Consumption by Transport
TESBAG	Energy Consumption (TOE) : Bagasse (For National Grid)
TESCHL	Energy Consumption (TOE) : Charcoal (Consumption)
TESCOL	Energy Consumption (TOE) : Coal (Consumption)
TESDIE	Energy Consumption (TOE) : Diesel (Consumption)
TESFUE	Energy Consumption (TOE) : Fuel Oil (Consumption)
TESFWD	Energy Consumption (TOE) : Fuel Wood (Consumption)
TESGAS	Energy Consumption (TOE) : Gasoline (Consumption)
TESHYD	Energy Consumption (TOE) : Hydro (Consumption)
TESKER	Energy Consumption (TOE) : Kerosene (Consumption)
TESLPG	Energy Consumption (TOE) : LPG (Consumption)
TESTOE	Energy Consumption (TOE) : Total Inland Energy Consumption (TOE)
TEXDIE	Energy for bunkers (TOE) : Diesel
TEXFUE	Energy for bunkers (TOE) : Fuel
TFIBAG	Fuel input for Electricity Generation (TOE) : Bagasse
TFICOL	Fuel input for Electricity Generation (TOE) : Coal
TFIDIE	Fuel input for Electricity Generation (TOE) : Diesel
TFIFUE	Fuel input for Electricity Generation (TOE) : Fuel Oil
TFIKER	Fuel input for Electricity Generation (TOE) : Kerosene
TFITOE	Fuel input for Electricity Generation (TOE) : Total Fuel Input for Electricity
TPCOL	Energy Wholesale Prices (TOE) : Coal
TPDIE	Energy Wholesale Prices (TOE) : Diesel (Gas oil)
TPELIG	Electricity Prices (TOE) : Electricity (Industry General)
TPELIR	Electricity Prices (TOE) : Electricity (Irrigation)
TPFUE	Energy Wholesale Prices (TOE) : Fuel oil

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T

TPGAS Energy Wholesale Prices (TOE) : Gasoline
 TPKER Energy Wholesale Prices (TOE) : Kerosene
 TPLPG Energy Wholesale Prices (TOE) : LPG
 TRCOL Energy Retail Prices (TOE) : Coal
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 TRGAS Energy Retail Prices (TOE) : Gasoline
 TRKER Energy Retail Prices (TOE) : Kerosene
 TRLPG Energy Retail Prices (TOE) : LPG
 TSTOB Total energy demand including bunkers (TOE)

V

VBAG Conversion Factors : Bagasse (1851 Kcal / Kg)
 VCHL Conversion Factors : Charcoal
 VCOL Conversion Factors : Coal (6151 Kcal / Kg)
 VDIE Conversion Factors : Diesel (0.8463 Kg / L, 1.1816 Kl / Ton, 10200 Kcal / Kg)
 VELE Conversion Factors : Electricity (860 Kcal / Kwh)
 VFUE Conversion Factors : Fuel oil (0.9516 Kg / L, 1.0508 Kl / Ton, 9627 Kcal / Kg)
 VFWD Conversion Factors : Fuel Wood
 VGAS Conversion Factors : Gasoline (0.7440 Kg / L, 1.344 Kl / Ton, 10500 Kcal / Kg)
 VHEL Conversion Factors : Hydro Electricity
 VJFL Conversion Factors : Jet Fuel
 VKER Conversion Factors : Kerosene (0.7973 Kg / L, 1.2542 Kl / Ton, 10343 Kcal / Kg)
 VLPG Conversion Factors : LPG (10812 Kcal / Kg)

W

WAGIND Wage at Current Price : Wage Index of all Sectors
 WAGSKL Wage at Current Price : All Sectors (Skilled)
 WCOLSA World Energy Price Trends : Coal Price (South Africa,CIF)
 WPETDU World Energy Price Trends : Petroleum Spot Price (Dubai Fatech,FOB)

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 Fuel oil (0.9516 Kg / L, 1.0508 Kl / Ton, 9627 Kcal / Kg)
 LPG (10812 Kcal / Kg)
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Fuel
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