

Energy Statistics in Malaysia

Workshop on Energy Statistics for ASEAN Countries

21 – 23 November 2017

Kuala Lumpur, Malaysia

Outline

- Background
- Energy in Malaysia
- Standard Operating Procedures
- Data Collection
- Data Dissemination
- Way Forward

Background

- In 2010, Energy Commission of Malaysia (EC) has been mandated by Ministry of Energy, Green Technology and Water (MEGTW) to be the focal point for energy data and statistics in the country.
- EC are responsible to prepare and publish National Energy Balance publication
- EC are responsible to give feedback by local and international parties related to energy data and statistics

Energy in Malaysia

Production and Reserves of Oil as of 1st January 2015

REGION	RESERVES (BILLION BARRELS)			PRODUCTION (THOUSAND BARRELS PER DAY)		
	CRUDE OIL	CONDENSATES	TOTAL	CRUDE OIL	CONDENSATES	TOTAL
Peninsular Malaysia	1.843	0.362	2.205	220.02	34.21	254.23
Sabah	1.897	0.112	2.009	210.15	2.63	212.79
Sarawak	1.239	0.454	1.693	125.54	69.07	194.60
TOTAL	4.979	0.928	5.907	555.70	105.91	661.62

Source: PETRONAS

Reserves and Production of Natural Gas as of 1st January 2015

REGION	RESERVES			PRODUCTION
	TRILLION STANDARD CUBIC FEET (TSCF)			MILLION STANDARD CUBIC FEET PER DAY (MMscf/d)
	ASSOCIATED	NON-ASSOCIATED	TOTAL	
Peninsular Malaysia	8.471	24.022	32.493	1,949.69
Sabah	3.149	11.884	15.032	376.02
Sarawak	2.853	50.034	52.888	4,147.00
TOTAL	14.473	85.940	100.413	6,472.71

Notes (*): Refers to the amount of gas produced/generated from associated fields
 1 cubic feet = 0.028317 cubic metre
 Associated Gas: Natural gas produced in association with oil
 Non-Associated Gas: Natural gas produced from a gas reservoir not associated with oil

Source: PETRONAS

Energy in Malaysia

Production and Reserves of Coal as of 31st December 2015

LOCATION	RESERVES (MILLION TONNES)			COAL TYPE	PRODUCTION (METRIC TONNES)
	MEASURED	INDICATED	INFERRED		
SARAWAK					
1. Abok & Stantek, Sri Aman	7.25	10.60	32.40	Coking Coal, Semi-Anthracite and Anthracite	25,842
2. Ment-Pia, Kapit	170.26	107.02	107.84	Sub-Bituminous	693,457
3. Bintulu	6.00	0.00	14.00	Bituminous (partly coking coal)	-
4. Mukah - Balingian	86.95	170.73	646.53	Lignite, Hydrous Lignite and Sub-Bituminous	1,840,145
5. Tutoh Area	5.58	34.66	162.33	Sub-Bituminous	-
SUBTOTAL	276.04	323.01	963.10		2,559,444
SABAH					
1. Saimpopon	4.80	14.09	7.70	Sub-Bituminous	-
2. Labuan	-	-	8.90	Sub-Bituminous	-
3. Maliau	-	-	25.00	Bituminous	-
4. Malibau	-	17.90	25.00		-
5. SW Malibau	-	23.23	-		-
6. Pinangan West Middle Block	-	-	42.60	Bituminous	-
SUBTOTAL	4.80	55.22	209.20		
SELANGOR					
1. Batu Arang	-	-	17.00	Sub-Bituminous	-
Subtotal	0.00	0.00	17.00		
TOTAL	280.84	378.23	1,279.30		
GRAND TOTAL			1,938.37		2,559,444

Source: Department of Mineral and Geosciences, Malaysia

Table 9: Consumption of Coal in metric tonnes

SECTORS	PENINSULAR MALAYSIA	SABAH	SARAWAK	MALAYSIA
Industry	2,684,838	-	136,149	2,820,987
Power Stations	22,858,325	-	1,930,132	24,788,457
TOTAL	25,543,163	0	2,066,281	27,609,444

Source: Power Utilities, IPPs, cement, iron and steel manufacturers

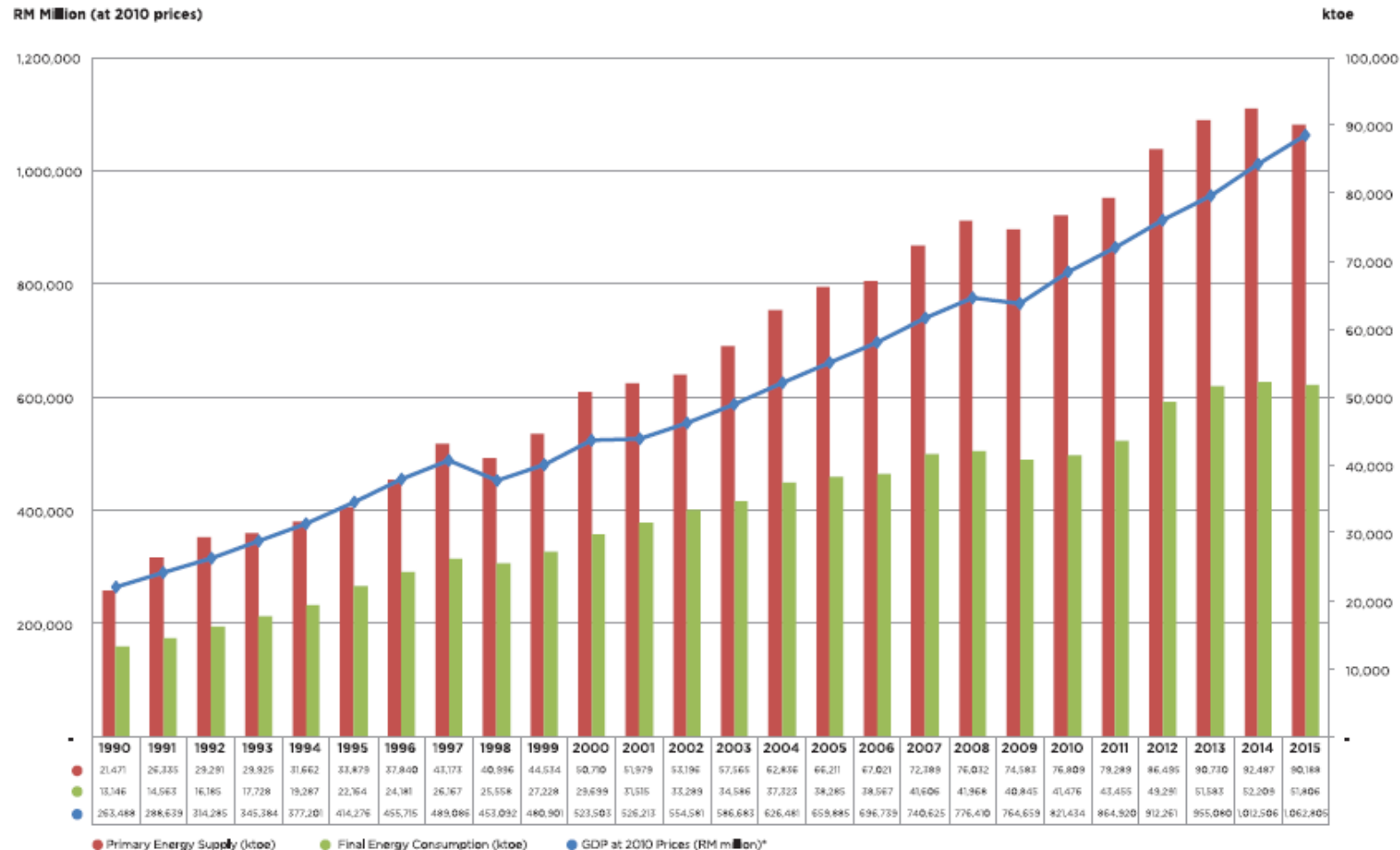
Installed Capacity as of 31st December 2015 In MW

		HYDRO	NATURAL GAS	COAL	DIESEL / MFO	BIOMASS	SOLAR	BIOGAS	OTHERS	TOTAL
PENINSULAR MALAYSIA	TNB	2,149.1	4,150.0	0.0	0.0	0.0	0.0	0.0	0.0	6,299.1
	IPPs	0.0	6,344.5	8,066.0	0.0	0.0	0.0	0.0	0.0	14,410.5
	Co-Generation	0.0	876.1	0.0	0.0	90.7	0.0	69.5	0.0	1,036.2
	Self-Generation	2.1	0.0	0.0	399.0	351.8	1.0	4.9	0.0	758.8
	FIT	23.6	0.0	0.0	0.0	44.4	206.7	30.4	0.0	305.1
	Subtotal	2,174.8	11,370.6	8,066.0	399.0	486.9	207.7	104.7	0.0	22,809.8
SABAH	SESB	76.0	112.0	0.0	180.9	0.0	0.0	0.0	0.0	368.9
	IPPs	0.0	1,012.6	0.0	189.9	0.0	0.0	0.0	0.0	1,202.5
	Co-Generation	0.0	106.8	0.0	0.0	122.7	0.0	0.0	0.0	229.5
	Self-Generation	0.0	0.0	0.0	526.8	135.8	0.1	3.4	0.0	666.1
	FIT	6.5	0.0	0.0	0.0	43.0	18.1	2.7	0.0	70.3
	Subtotal	82.5	1,231.4	0.0	897.6	301.5	18.3	6.1	0.0	2,537.3
SARAWAK	SEB	1,058.8	614.6	480.0	158.3	0.0	0.0	0.0	0.0	2,311.7
	IPPs	2,400.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,400.0
	Co-Generation	0.0	289.0	0.0	0.0	0.0	0.0	0.0	0.0	289.0
	Self-Generation	0.0	0.0	0.0	11.6	74.1	0.3	0.5	5.1	91.5
	FIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Subtotal	3,458.8	903.6	480.0	169.9	74.1	0.3	0.5	5.1	5,092.2
Total	5,716.1	13,505.6	8,546.0	1,466.5	862.5	226.3	111.3	5.1	30,439.3	
Share (%)	18.8%	44.4%	28.7%	4.8%	2.8%	0.7%	0.4%	0.0%	100.0%	

Source: Power Utilities, IPPs and SEDA, Malaysia
Note: Excluding plants that not in operation

Energy in Malaysia

Trends in GDP, Primary Energy Supply and Final Energy Consumption



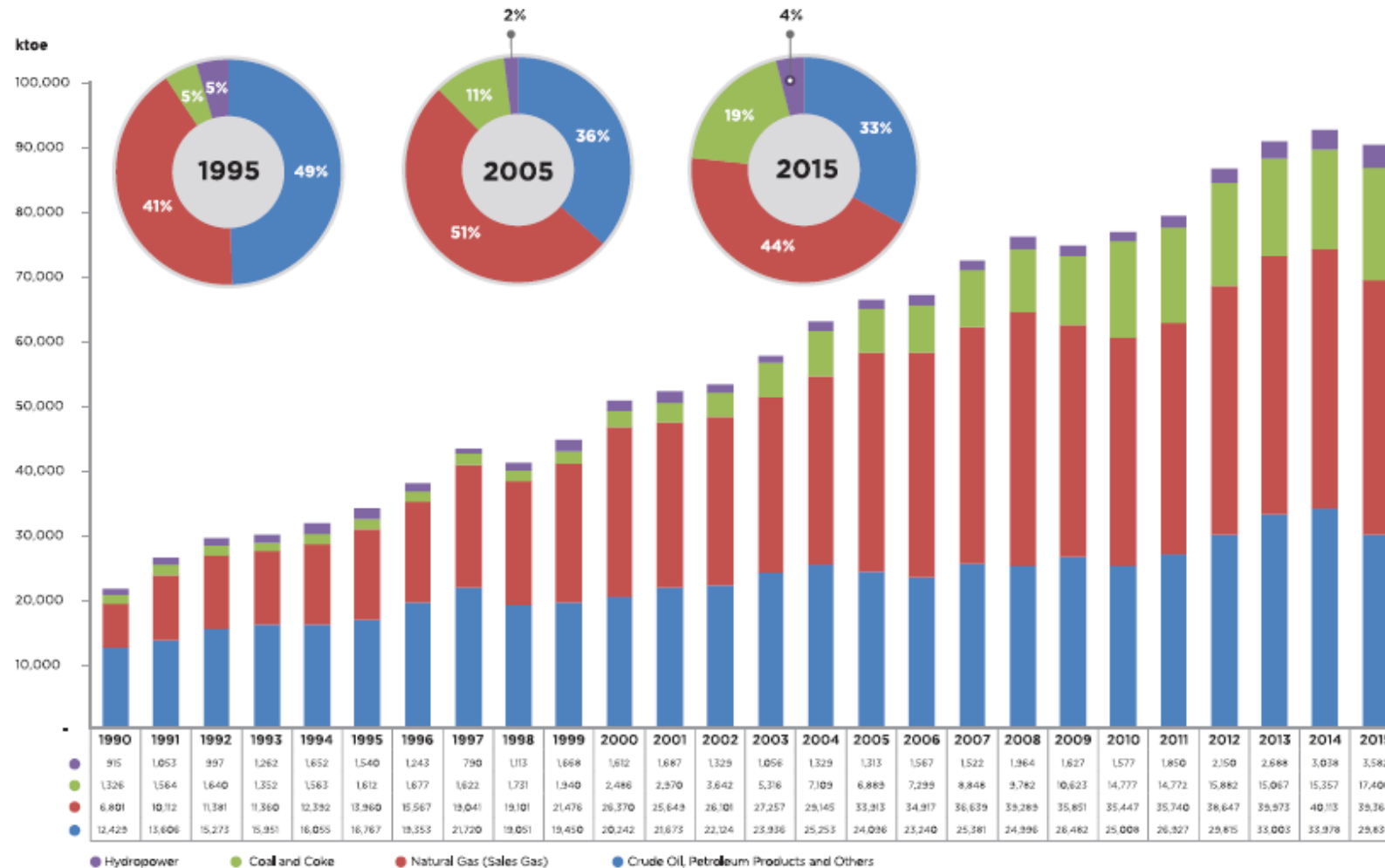
Source: GDP data by Department of Statistics Malaysia
 Note: GDP at 2010 Prices (RM Million) for 1990 until 2009 was calculated by Energy Commission

Average Annual Growth Rate per year from 1990 until 2015:

- a. GDP at 5.7%
- b. Primary Energy Supply at 5.9%
- c. Final Energy Consumption at 5.6%

Energy in Malaysia

Primary Energy Supply



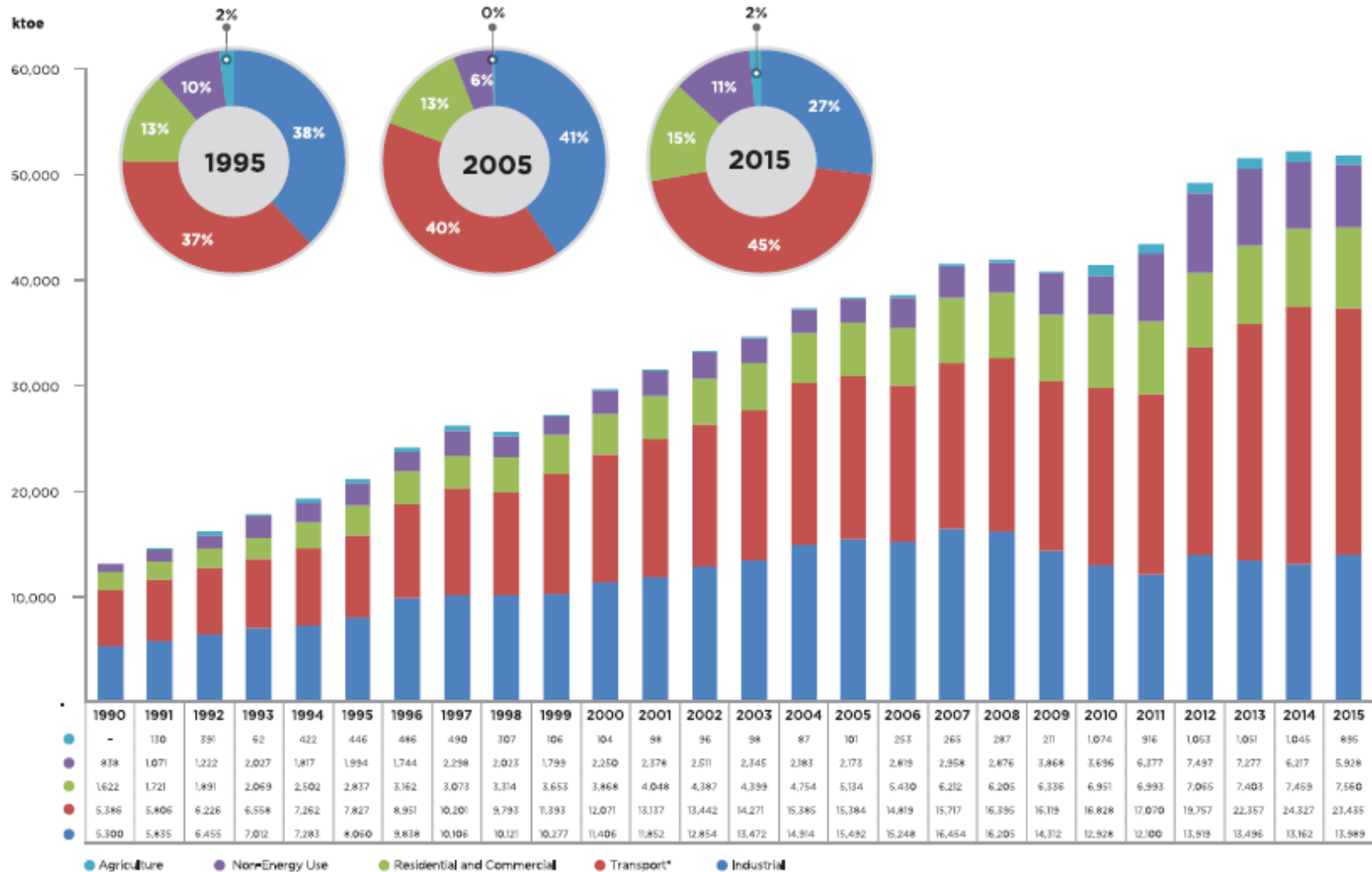
Average Annual Growth Rate per year from 1990 until 2015:

- a. Coal and Coke at 10.8%
- b. Natural Gas at 7.3%
- c. Hydropower at 5.6%
- d. Crude Oil, Petroleum Products and Others at 3.6%

Source: Oil and gas companies, power utilities, IPPs, cement, iron and steel manufacturers

Energy in Malaysia

Final Energy Consumption by Sectors



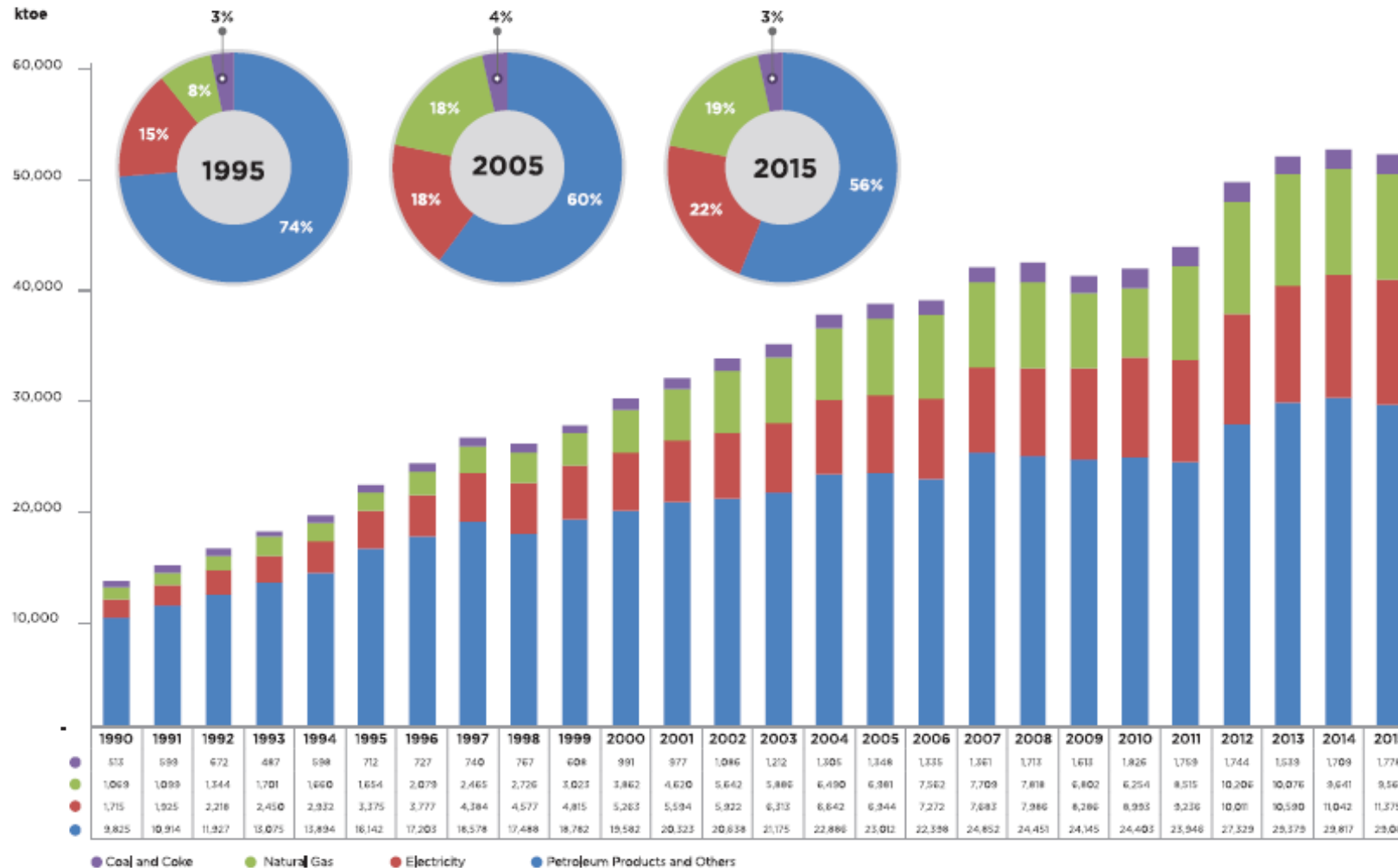
Average Annual Growth Rate per year from 1990 until 2015:

- a. Non-Energy Use at 8.1%
- b. Residential and Commercial at 6.4%
- c. Transport at 6.1%
- d. Industrial at 4.0%

Source: Oil and gas companies, TNE, SESB, SEB, IPPs, cement, iron and steel manufacturers
 Note (*): Transport including international aviation

Energy in Malaysia

Final Energy Consumption by Type of Fuels



Source: Oil and gas companies, TNB, SESB, SEB, IPPs, cement, iron and steel manufacturers

Average Annual Growth Rate per year from 1990 until 2015:

- a. Natural Gas at 9.2%
- b. Electricity at 7.9%
- c. Coal and Coke at 5.1%
- d. Petroleum Products and Others at 4.4%

Standard Operating Procedures

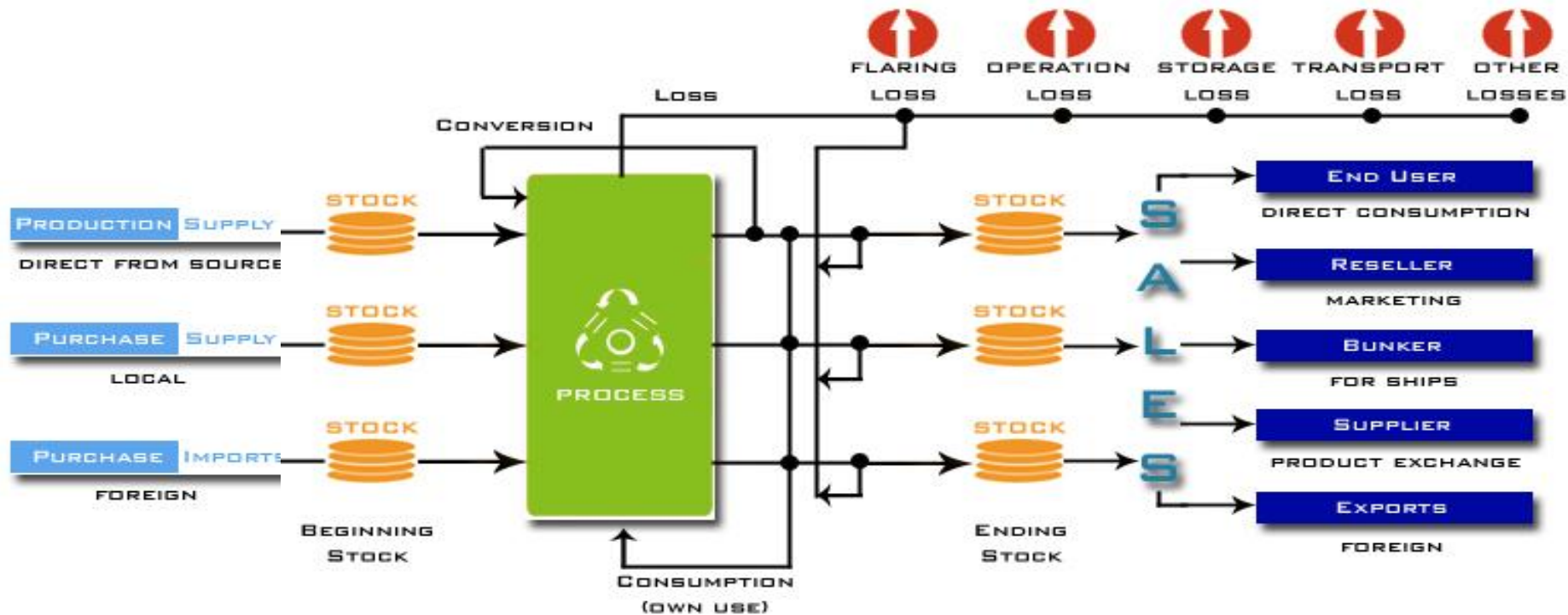
Overall procedures for producing the National Energy Balance

SOP ID	SOP Type	SOP Title
SOP-MEIH-NEB-001	General Procedure	Preparation of National Energy Balance
SOP-MEIH-NEB-P1	Process Control	Project Initialization SOP for NEB
SOP-MEIH-NEB-P2	Process Control	Data Collection SOP for NEB
SOP-MEIH-NEB-P2(A)	Process Control	Procedure for Managing Late Data Submissions
SOP-MEIH-NEB-P2(B)	Process Control	Procedure for Managing Requests for Training
SOP-MEIH-NEB-P3	Process Control	Data Compilation SOP for NEB
SOP-MEIH-NEB-P4	Process Control	Report Preparation SOP for NEB
SOP-MEIH-NEB-P5	Process Control	Report Publication SOP for NEB
SOP-MEIH-NEB-P6	Process Control	Report Dissemination SOP for NEB

Data Collection

- Currently, about 70 data providers
- Divided into fuel types ; oil, gas, electricity and coal
- In quarterly basis based on region
- Questionnaire based on energy balance format
- Collected via online, email, fax and postage
- Primary and secondary sources
- Common unit of measurement based on fuel types

Data Collection



Data Collection: Online

www.st.gov.my/index.php/en/

THE OFFICIAL WEBSITE OF
Suruhanjaya Tenaga
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Highlights

- "Kaedah-Kaedah Keselamatan Semasa dan Selepas Banjir"
- "Teks Ucapan Pengerusi Suruhanjaya Tenaga Sempena Majlis Penyampaian Hadiah Energy Efficiency Challenge 2017"
- "Penjimatan Elektrik Bernilai Hampir RM160,000 Melalui EE Challenge 2017"

MEIH MALAYSIAN ENERGY INFORMATION HUB

GRID SYSTEM OPERATION SUMMARY AND THE MALAYSIAN CODES

ECOS Energy Commission Online System

www.kettha.gov.my/portal/index.php

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AGENSI

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Biro Pengaduan Awam
Malaysia Energy Information Hub
Stesen Pengcas Kenderaan Elektrik

Jabatan Pengairan dan Saliran Malaysia
National Energy Efficiency Awareness Campaign
Malaysia Goods and Services Tax (GST)
Perakaunan Akruan Kerajaan Persekutuan

- Type in the URL for MEIH Portal in the address bar of the internet Browser (Internet Explorer / Mozilla Firefox / Chrome), www.meih.st.gov.my
- Another option is to go to the official website of Suruhanjaya Tenaga, www.st.gov.my. Click on the MEIH icon located in the main page.
- Or go to official website of Ministry of Energy, Green Technology and Water, www.kettha.gov.my. Click on the Malaysia Energy Information Hub link at the main page.

Data Collection: Online

Forms	Form Description	Parameters/Fields
F1	Stock of Energy Products	<ul style="list-style-type: none"> Open Stock Closing Stock
F2	Energy Intake into Plant/Process/Operation	<ul style="list-style-type: none"> Local Purchase Production Supply/Electricity Generation Foreign Imports
F3	Energy Own Consumption and Conversion/Operations	<ul style="list-style-type: none"> Own Use/Electricity Own Use Conversion Process
F4	Sales of Energy Products by Distribution Channels	<ul style="list-style-type: none"> Sales End User Sales Reseller Sales Bunker Sales Intercompany Sales Exports
F5	Losses of Energy Products	<ul style="list-style-type: none"> Loss Flaring Loss Storage Loss Operations Loss Others Loss Transportation

1. Residential/Domestic

Retail - Residential
Public Lighting

2. Commercial

Retail - Commercial
Wholesale & Retail (Hotel / Complexes)
Real Estate & Services
Government & Military

3. Agriculture

Agriculture & Livestock

4. Non Energy

Non Energy Use

5. Industrial

Retail - Industry
Forestry & Logging
Fishing
Mining & Quarry
Construction
Refining
Ceramic
Food, Beverage & Tobacco
Glass & Glass Products
Rubber, Plastic & Non Metallic
Wood & Furniture
Textile Apparel & Leather
Power Generation
Brick
Cement
Iron, Steel & Metal
Pulp, Paper Products & Printing
Chemical & Petrochemical
Other Oil Companies
General Manufacturing (Others)

6. Transportation

Retail - Transportation
Road
Rail
Air
Inland Water

7. Utility

Utility Generation - TNB
Utility Generation - SESCO
Utility Generation - SEB
Utility Generation - Others

8. Bunker

International Shipping

Data Collection: Online

No	Product Name	Product Description	No	Product Name	Product Description	No	Product Name	Product Description	
1	ATF & Av Gas	ATF (Aviation Turbine Fuel)	38	Electricity	Electricity	75	Others	Light Detergent Feedstock	
2		Aviation Gas (AV Gas)	39	Fuel Oil	Fuel Oil Bunker	76		Liquid Lubricants	
3		DFK (Dual Purpose Kerosene)	40		Fuel Oil	77		MTBE	
4	Coal & Coke	Brown Coal Coke	41		Fuel Oil - Cogen	78		Naptha	
5		Bituminous Coal	42		Fuel Oil - Thermal - Steam	79		Oil Slops	
6		Charcoal	43		Fuel Oil - Thermal - Utility sets	80		Other Lubes	
7		Coal - Thermal - Steam	44		Fuel Oil (other than Residual)	81		Petroleum Solvent (Others)	
8		Coke (Semi Coke)	45		Residual Fuel Oil	82		Platformate / Reformate	
9		Fuel Wood	46		Fuel Oil (LSWR)	83		Petroleum Jelly	
10		Graphite	47	Hydro Power	Elect - Hydro - Major	84		Solid Lubricants	
11		Gas Coke	48		Elect - Hydro - Mini	85		Other Waxes	
12		Lignite (Brown Coal)	49	Kerosene	Regular Kerosene	86		Petroleum Waxes	
13		Lignite Briquettes	50	Liquified Natural Gas	LNG Liquified Natural Gas	87		Waxy Raffinates	
14	Other Coal	51	LPG	LPG Liquified Petroleum Gas	88	Local Condensate			
15	Peat	52	Motor Petrol	Mogas (Others)	89	Crude Residuum			
16	Pattern Fuel Briquettes	53		Mogas (w Naptha L 92 RON)	90	Foreign Condensates			
17	Petroleum Coke	54		Mogas (w Naptha UL 92 RON)	91	Residuee (FE)			
18	Retort Carbon	55		Mogas (w Naptha UL 97 RON)	92	Slops Reprocessed			
19	Semi Coke	56		Mogas (wout Naptha L 92 RON)	93	Private Licencee Fossil	Elect - Private Licensee - Diesel		
20	Co-Generation Fossil	Elect - Cogen - Diesel	57		Mogas (wout Naptha UL 92 RON)	94	Elect - Private Licensee - Natgas		
21		Elect - Cogen - Fuel Oil	58		Mogas (wout Naptha UL 97 RON)	95	Private Licencee Renewable	Elect - Private Licensee - Biomass	
22		Elect - Cogen - Natgas	59	Natural Gas	Butane	96	Refinery Gas	Flared Gas	
23	Co-Generation Renewable	Elect - Cogen - Biomass	60		Ethane	97	Refinery Gas		
24		Elect - Cogen - Palm Oil	61		Methane	98	Solar	Elect - Solar	
25	Crude Oil	Local Crude Oil	62		Natural Gas Fuel	99	Thermal	Elect - Thermal - Combined Cycle - Diesel	
26		Other Foreign Crude Oil	63		Natural Gas	100		Elect - Thermal - Combined Cycle - Natgas	
27		West Asian Crude Oil	64		NatGas - Thermal - Combined Cycle	101		Elect - Thermal - Geothermal	
28	Diesel	Diesel Oil Bunker	65		NatGas - Cogen	102		Elect - Thermal - Steam - Biomass	
29		Diesel Oil	66		NatGas - Thermal - Open Cycle	103		Elect - Thermal - OpenCycle - Diesel	
30		Diesel - Cogen	67		NatGas - Private Licencee	104		Elect - Thermal - OpenCycle - Natgas	
31		Diesel - Thermal - Open Cycle	68		NatGas - Thermal - Steam	105		Elect - Thermal - Steam - Coal	
32		Diesel - Private Licencee	69		Propane	106		Elect - Thermal - Steam - Diesel	
33		Diesel - Thermal - Steam	70	Non Energy	Bitumen / Asphalt / Mexphalte	107		Elect - Thermal - Steam - Fuel Oil	
34		Diesel - Thermal - Utility Sets	71		Bitumen Mastics	108		Elect - Thermal - Steam - Natgas	
35		Gas Oil	72		Heavy Detergent Feedstock	109	Elect - Thermal - Utility Sets - Diesel		
36		High Speed Diesel Fuel		73		White/Industrial Spirit	110	Wind Turbine	Elect - Wind Turbine
37				74		Lubes / Grease			

Data Collection: Online

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Data Submission » F1 : Stock of Energy Products (Opening Stock & Closing Stock)

Term of submission : **Quarter 1, 2014**
 Region : **Peninsular Malaysia**

	Product	Opening Stock Quantity		Closing Stock Quantity	
1.	Aviation Turbine Fuel (ATF)	<input type="text"/>	MT ▼	<input type="text"/>	MT ▼
2.	Liquefied Petroleum Gas (LPG)	<input type="text"/>	MT ▼	<input type="text"/>	MT ▼
3.	Local Crude Oil	<input type="text"/>	MT ▼	<input type="text"/>	MT ▼
4.	Natural Gas	<input type="text"/>	mmbtu ▼	<input type="text"/>	mmbtu ▼
5.	Petrol (RON 97)	<input type="text"/>	MT ▼	<input type="text"/>	MT ▼

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Data Submission » F2 : Energy Intake Into Plant / Process / Operation

Term of submission : **Quarter 1, 2014**
 Region : **Peninsular Malaysia**

	Product	Local Purchases Quantity		Production Supply/ Elect Gen Quantity		Foreign Imports Quantity	
1.	Aviation Turbine Fuel (ATF)	<input type="text"/>	MT ▼	<input type="text"/>	MT ▼	<input type="text"/>	MT ▼
2.	Liquefied Petroleum Gas (LPG)	<input type="text"/>	MT ▼	<input type="text"/>	MT ▼	<input type="text"/>	MT ▼
3.	Local Crude Oil	<input type="text"/>	MT ▼	<input type="text"/>	MT ▼	<input type="text"/>	MT ▼
4.	Natural Gas	<input type="text"/>	mmbtu ▼	<input type="text"/>	mmbtu ▼	<input type="text"/>	mmbtu ▼
5.	Petrol (RON 97)	<input type="text"/>	MT ▼	<input type="text"/>	MT ▼	<input type="text"/>	MT ▼

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Data Submission » F3 : Energy Own Consumption & Conversions / Operation

Term of submission : **Quarter 1, 2014**
Region : **Peninsular Malaysia**

Product	Own Consumption Quantity	Conversion Process Quantity
1. Aviation Turbine Fuel (ATF)	<input type="text"/> MT ▼	<input type="text"/> MT ▼
2. Liquefied Petroleum Gas (LPG)	<input type="text"/> MT ▼	<input type="text"/> MT ▼
3. Local Crude Oil	<input type="text"/> MT ▼	<input type="text"/> MT ▼
4. Natural Gas	<input type="text"/> mmbtu ▼	<input type="text"/> mmbtu ▼
5. Petrol (RON 97)	<input type="text"/> MT ▼	<input type="text"/> MT ▼

Save Balancing Grid Balancing Grid (KTOE)

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Data Submission » F4 : Sales of Energy Products by Distribution Channels

Term of submission : **Quarter 1, 2014**
Region : **Peninsular Malaysia**

Product	Sales - End User Quantity	Sales - Resellers Quantity	Sales - Bunker Fuel Quantity	Sales - Intercompany Quantity	Sales - Exports Quantity
1. Aviation Turbine Fuel (ATF)	<input type="text"/> MT ▼	<input type="text"/> MT ▼	<input type="text"/> MT ▼	<input type="text"/> MT ▼	<input type="text"/> MT ▼
2. Liquefied Petroleum Gas (LPG)	<input type="text"/> MT ▼	<input type="text"/> MT ▼	<input type="text"/> MT ▼	<input type="text"/> MT ▼	<input type="text"/> MT ▼
3. Local Crude Oil	<input type="text"/> MT ▼	<input type="text"/> MT ▼	<input type="text"/> MT ▼	<input type="text"/> MT ▼	<input type="text"/> MT ▼
4. Natural Gas	<input type="text"/> mmbtu ▼	<input type="text"/> mmbtu ▼	<input type="text"/> mmbtu ▼	<input type="text"/> mmbtu ▼	<input type="text"/> mmbtu ▼
5. Petrol (RON 97)	<input type="text"/> MT ▼	<input type="text"/> MT ▼	<input type="text"/> MT ▼	<input type="text"/> MT ▼	<input type="text"/> MT ▼

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[Data Submission](#) » **F5 : Losses of Energy Products**

Term of submission : **Quarter 1, 2014**
 Region : **Peninsular Malaysia**

Product	Loss - Flaring Quantity	Loss - Storage Quantity	Loss - Operation Quantity	Loss - Transportation Quantity	Loss - Others Quantity
1. Aviation Turbine Fuel (ATF)	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/> MT
2. Liquefied Petroleum Gas (LPG)	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/> MT
3. Local Crude Oil	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/> MT
4. Natural Gas	<input type="text"/> mmbtu	<input type="text"/> mmbtu	<input type="text"/> mmbtu	<input type="text"/> mmbtu	<input type="text"/> mmbtu
5. Petrol (RON 97)	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/> MT

Save Balancing Grid Balancing Grid (KTOE)

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[Data Submission](#) » **C1 : Final Energy Consumption Sectors**

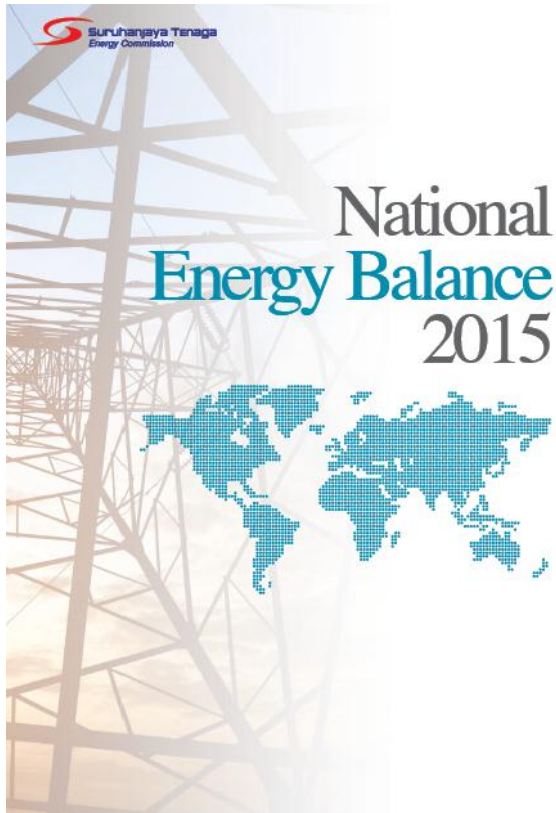
Term of submission : **Quarter 1, 2014**
 Region : **Peninsular Malaysia**

Product	Cement	Chemical and Petrochemical	Food, Beverage and Tobacco	Non Energy Use	Reta
1. Aviation Turbine Fuel (ATF)	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/>
2. Liquefied Petroleum Gas (LPG)	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/>
3. Local Crude Oil	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/>
4. Natural Gas	<input type="text"/> mmbtu	<input type="text"/> mmbtu	<input type="text"/> mmbtu	<input type="text"/> mmbtu	<input type="text"/>
5. Petrol (RON 97)	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/> MT	<input type="text"/>

Save Balancing Grid Balancing Grid (KTOE)

Data Dissemination

Publication



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Summary

- Primary Energy Supply
- Transformation Process
- Final Energy Demand

Crude Oil & Petroleum Products

- Reserves
- Production
- Import & Export
- Final Consumption

Natural Gas

- Reserves
- Production
- Import & Export
- Final Consumption

Coal & Coke

- Reserves
- Production
- Import & Export
- Final Consumption

Electricity

- Installed Capacity
- Electricity Generation
- Final Electricity Consumption



Economic Indicator

- GDP
- Population
- GDP per Capita

Energy Indicator

- Energy Intensity per Capita
- Energy Intensity per unit GDP



- Performance of Electricity Supply Industry
- Information on Electricity Supply Industry
- Independent Power Producers (IPPs)
- Electricity Distributors
- Co-Generators
- Renewable Energy Projects
- Electrical Competency Certificates Issued



Energy Prices

- Petroleum Products
- LPG
- Natural Gas
- Retail Petroleum
- Tariff



Gas Distribution Statistics

- Performance of Gas Distribution System
- Natural Gas Consumption
- Natural Gas Consumers
- Length of Natural Gas Distribution Pipeline
- Gas Competency Certificates Issued

Mobile Apps



MyEnergyStats

This mobile application is to access data from the Malaysia Energy Information Hub (MEIH). It can fetch new up-to-date data and filter according to the user needs.

These are the categories provided:

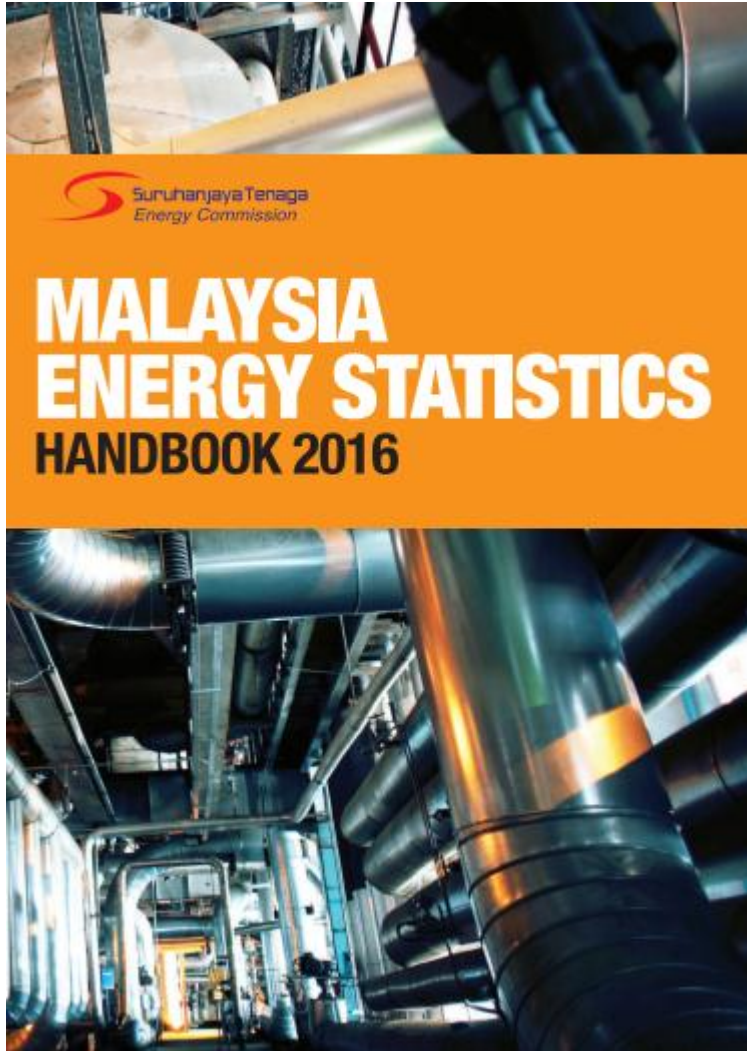
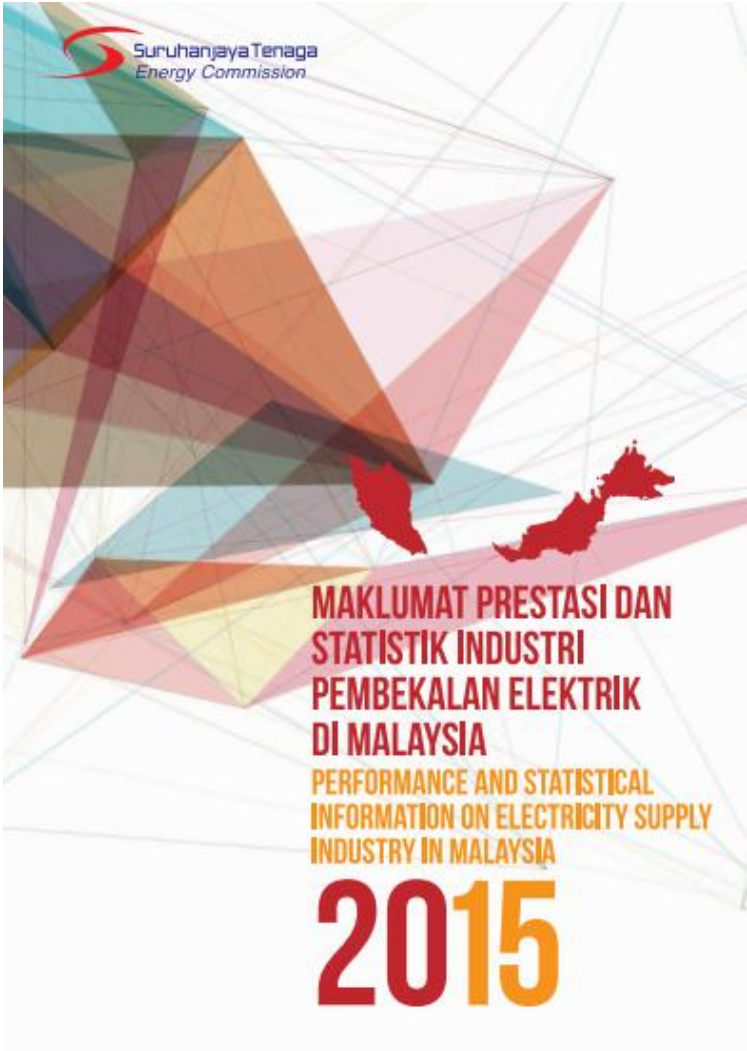
- Energy Reserves
- Energy Supply
- Energy Transformation
- Energy Consumption
- Energy Indicators
- Energy Prices
- Electricity
- Gas Distribution Statistics

Features including filtering according to years and type, pdf generation and bookmarking.

The Malaysia Energy Information Hub (MEIH) serves to establish a comprehensive national energy database to support the dissemination and distribution of energy statistics in Malaysia to local and international stakeholders and the public. MEIH is managed by the Energy Commission (EC) of Malaysia.



Other Publications



Way Forward

Energy Survey

- We already conducted energy survey for Manufacturing, Residential and Commercial sectors
- We will conducting energy survey for Transportation sector in 2018

New Data in National Energy Balance (Proposal)

- GHG Inventory Data for Energy Sector
- Final Energy Consumption data by States in Malaysia
- Energy Outlook

Thank You

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