

The 16th APEC Workshop on Energy Statistics Tokyo, Japan, 10-12 July 2018

4.2 Missing JODI Gas data

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Data points to be reported

13 Data points to be reported in two units (volume and energy)	Natural Gas	Natural Gas	of which:LNG	of which:LNG	of which: pipeline	of which: pipeline		
	Million m ³	TJ	1000 ton	TJ	Million m ³	TJ		
	(at 15°C, 760 mm Hg)	(Gross Calor. Value)		(Gross Calor. Value)	(at 15°C, 760 mm Hg)	(Gross Calor. Value)		
Indigenous Production	796	33,240						
Imports	0	0	0	0	0	O		
Exports	568.9	24,432	446.39	24,414	0.41	17		
Stock Changes (+ or -)	15	582						
Gross Inland deliveries (calculated)	242	9,390	1. Indigenous	Production				
Statistical Difference	-34	-1,452	2. Imports					
Gross Inland deliveries (observed)	276	10,842						
of which: Power Generation	120	5,024		nd deliveries (obs Power Generation	•			
of which: Own use and losses of the natural gas industry			7. Total Stocks on National Territory- Closing 8. Imports(of which: LNG: 1000 ton)					
Total Stocks on National Territory- Opening			9. Exports(of	which: LNG: 100	0 ton)	5%C 760 mm Ha		
Total Stocks on National Territory- Closing	59					.5°C, 760 mm Hg) 5°C, 760 mm Hg)		



Brunei Darussalam

	Natural Gas Million m ³	Natural Gas TJ	of which:LNG 1000 ton	of which:LNG TJ	of which: pipeline Million m ³	of which: pipeline TJ
	(at 15°C, 760 mm Hg)	_	1000 ton	Gross Calor. Value)	(at 15°C, 760 mm Hg)	(Gross Calor. Value)
Indigenous Production	796	33,240				
Imports	0	0	0	0	0	0
Exports	568.9	24,432	446.39	24,414	0.41	17
Stock Changes (+ or -)	15	582			••	
Gross Inland deliveries (calculated)	242	9,390				
Statistical Difference	-34	-1,452				
Gross Inland deliveries (observed)	276	10,842				
of which: Power Generation	120	5,024				
of which: Own use and losses of the natural gas industry						
Total Stocks on National Territory- Opening						
Total Stocks on National Territory- Closing	59					

Brunei Darussalam submits all of 11 Data points.



	Natural Gas	Natural Gas	of which:LNG	of which:LNG	of which: pipeline	of which: pipeline
	Million m ³	TJ	1000 ton	TJ	Million m ³	TJ
	(at 15°C, 760	(Gross Calor.		(Gross Calor.	(at 15°C, 760	(Gross Calor.
	mm Hg)	Value)		Value)	mm Hg)	Value)
Indigenous Production	14,090.00	595,725.20				
Imports	8,344.00	352,784.32	3,250.00	192,374.00	3,794.00	160,410.32
Exports	168.00	7,103.04	0.00	0.00	168.00	7,103.04
Stock Changes (+ or -)					•	•
Gross Inland deliveries (calculated)	22,266.00	941,406.48				
Statistical Difference						
Gross Inland deliveries (observed)						
of which: Power Generation						
of which: Own use and losses of the natural						
gas industry						
Total Stocks on National Territory- Opening						
Total Stocks on National Territory- Closing						

China doesn't submit

- Stock Changes (+ or -)
- Gross Inland deliveries (observed)
- of which: Power Generation
- Total Stocks on National Territory- Closing



	Natural Gas	Natural Gas	of which:LNG	of which:LNG	of which: pipeline	of which: pipeline
	Million m ³	TJ	1000 ton	TJ	Million m ³	TJ
	(at 15°C, 760 mm Hg)	(Gross Calor. Value)		(Gross Calor. Value)	(at 15°C, 760 mm Hg)	(Gross Calor. Value)
Indigenous Production	14,090.00			<u> </u>		- Faidey
Imports	8,344.00	352,784.32	3,250.00	192,374.00	3,794.00	160,410.32
Exports	168.00	7,103.04	0.00	0.00	168.00	7,103.04
Stock Changes (+ or -)	N.A	N.A		•		
Gross Inland deliveries (calculated)	22,266	941,406				
Statistical Difference	N.A	N.A				
Gross Inland deliveries (observed)	N.A	N.A				
of which: Power Generation	N.A	N.A				
of which: Own use and losses of the natural gas industry	N.A	N.A				
Total Stocks on National Territory- Opening	N.A					
Total Stocks on National Territory- Closing	N.A					

ESTO puts "N.A" for the four missing data points after confirmation with China.



Hong Kong, China

	Natural Gas	Natural Gas	of which:LNG	of which:LNG	of which: pipeline	of which: pipeline
	Million m ³	ТJ	1000 ton	ТJ	Million m ³	TJ
	(at 15°C, 760 mm Hg)	(Gross Calor. Value)		(Gross Calor. Value)	(at 15°C, 760 mm Hg)	(Gross Calor. Value)
Indigenous Production	0.00	0.00				
Imports	286.54	10,953.23	0.00	0.00	286.54	10,953.23
Exports	0.00	0.00	0.00	0.00	0.00	0.00
Stock Changes (+ or -)	0.00	0.00				
Gross Inland deliveries (calculated)	286.54	10,953.23				
Statistical Difference	N.A	N.A				
Gross Inland deliveries (observed)	N.A	N.A				
of which: Power Generation	***	***				
of which: Own use and losses of the natural gas industry	***	***				
Total Stocks on National Territory- Opening	0.00					
Total Stocks on National Territory- Closing	0.00					

Hong Kong, China puts "N.A" for "Gross Inland deliveries (observed) "and holds "of which: Power Generation" to protect revealing individual gas consumption by data.



	Natural Gas Million m³ (at 15°C, 760 mm	Natural Gas TJ (Gross Calor. Value)	of which:LNG 1000 ton	of which:LNG TJ (Gross Calor. Value)	of which: pipeline Million m ³ (at 15°C, 760 mm Hg)	of which: pipeline TJ (Gross Calor. Value)
Indigenous Production	<u>Hg)</u> 6201.01			valuej	nin Hg)	value)
Imports	0.00					
Exports	2,622.69			82,845.32	593.14	24,516.20
Stock Changes (+ or -)	0.00	0.00				
Gross Inland deliveries (calculated)	3,586.33	148,233.69				
Statistical Difference	0.00	0.00				
Gross Inland deliveries (observed)	3,586.33	148,233.69				
of which: Power Generation	685.15	28,319.15				
of which: Own use and losses of the natural gas industry	515.67	21,314.07				
Total Stocks on National Territory- Opening	0.00					
Total Stocks on National Territory- Closing	0.00					

Indonesia put "0" for "Stock Changes (+ or -)" and "Total Stocks on National Territory – Closing."



	Natural Gas	Natural Gas	of which:LNG	of which:LNG	of which: pipeline	of which: pipeline
	Million m ³	TJ	1000 ton	TJ	Million m ³	TJ
	(at 15°C, 760 mm Hg)	(Gross Calor. Value)		(Gross Calor. Value)	(at 15°C, 760 mm Hg)	(Gross Calor. Value)
Indigenous Production	5,957.69	233,771.00				
Imports	0.00	0.00	0.00	0.00	0.00	0.00
Exports	0.00	0.00	0.00	0.00	0.00	0.00
Stock Changes (+ or -)	N.A	N.A				<u>.</u>
Gross Inland deliveries (calculated)	N.A	N.A				
Statistical Difference	N.A	N.A				
Gross Inland deliveries (observed)	N.A	N.A				
of which: Power Generation	N.A	N.A				
of which: Own use and losses of the natural gas industry	N.A	N.A				
Total Stocks on National Territory- Opening	N.A					
Total Stocks on National Territory- Closing	N.A					

Malaysia puts "N.A" for "Stock Changes (+ or -)", "Gross Inland deliveries (observed)", "of which: Power Generation", and "Total Stocks on National Territory- Closing." From January 2018, Imports and Exports data are "0".

From January 2018, Imports and Exports data are "0".



	Natural Gas	Natural Gas	of which:LNG	of which:LNG	of which: pipeline	of which: pipeline
	Million m ³	TJ	1000 ton	TJ	Million m ³	TJ
	(at 15°C, 760 mm	(Gross Calor.		(Gross Calor.	(at 15°C, 760	(Gross Calor.
	Hg)	Value)		Value)	mm Hg)	Value)
Indigenous Production	151.01	6,129.31				
Imports	0.00	0.00	0.00	0.00	0.00	0.00
Exports	171.01	6,940.75	125.74	6,940.75	0.00	0.00
Stock Changes (+ or -)	-18.97	-770.08				
Gross Inland deliveries (calculated)	-38.97	-1,581.52				
Statistical Difference	64.93	2,635.45				
Gross Inland deliveries (observed)	25.97	1,053.92				
of which: Power Generation	13.11	532.13				
of which: Own use and losses of the natural gas industry	12.86	521.79				
Total Stocks on National Territory- Opening						
Total Stocks on National Territory- Closing						

Papua New Guinea leaves "Blank" for "Total Stocks on National Territory – Closing." No submission of monthly data from April 2017.

March 2017



	Natural Gas	Natural Gas	of which:LNG	of which:LNG	of which: pipeline	of which: pipeline
	Million m ³	TJ	1000 ton	TJ	Million m ³	TJ
n	(at 15°C, 760 mm Hg)	(Gross Calor. Value)		(Gross Calor. Value)	(at 15°C, 760 mm Hg)	(Gross Calor. Value)
Indigenous Production	1,352	53,927				
Imports	0	0	0	0	0	0
Exports	585	23,341	429	23,341	0	0
Stock Changes (+ or -)	0	0				
Gross Inland deliveries (calculated)	767	30,586				
Statistical Difference	0	0				
Gross Inland deliveries (observed)	767	30,586				
of which: Power Generation	NA	NA				
of which: Own use and losses of the natural gas industry	63	2,513				
Total Stocks on National Territory- Opening	0					
Total Stocks on National Territory- Closing	0					

Peru puts "O" for "Stock Changes (+ or -)" and "Total Stocks on National Territory – Closing" and leaves "Blank" for "of which: Power Generation." No submission of monthly data from September 2016.



	Natural Gas Million m ³ (at 15°C, 760 mm Hg)	Natural Gas TJ (Gross Calor. Value)	of which:LNG 1000 ton	of which:LNG TJ (Gross Calor. Value)	of which: pipeline Million m ³ (at 15°C, 760 mm Hg)	of which: pipeline TJ (Gross Calor. Value)
Indigenous Production	337	12,916	0.00	0.00	0.00	0.00
Imports			0.00	0.00	0.00	0.00
Exports			0.00	0.00	0.00	0.00
Stock Changes (+ or -)						
Gross Inland deliveries (calculated)	337	12,916				
Statistical Difference	4	146				
Gross Inland deliveries (observed)	333.59	12,770				
of which: Power Generation	318	12,162				
of which: Own use and losses of the natural gas industry	10	369				
Total Stocks on National Territory- Opening	o					
Total Stocks on National Territory- Closing	0					

Philippines leaves "Blank" for "Imports", "Exports" and "Stock Changes (+ or -)" and puts "0" for "Total Stocks on National Territory- Closing."

From January 2018, Imports and Exports data are "0".



Philippines

	Natural Gas	Natural Gas	of which:LNG	of which:LNG	of which: pipeline	of which: pipeline
	Million m ³	TJ	1000 ton	TJ	Million m ³	TJ
8	(at 15°C, 760 mm Hg)	(Gross Calor. Value)		(Gross Calor. Value)	(at 15°C, 760 mm Hg)	(Gross Calor. Value)
Indigenous Production	337	12,916	0.00	0.00	0.00	0.00
Imports	0	0.00	0.00	0.00	0.00	0.00
Exports	0	0.00	0.00	0.00	0.00	0.00
Stock Changes (+ or -)	0	0.00				
Gross Inland deliveries (calculated)	337	12,916				
Statistical Difference	4	141				
Gross Inland deliveries (observed)	334	12,775				
of which: Power Generation	318	12,162				
of which: Own use and losses of the natural gas industry	10	369				
Total Stocks on National Territory- Opening	o					
Total Stocks on National Territory- Closing	0					

ESTO puts "0" for "Imports", "Exports" and "Stock Changes (+ or -)".



	Natural Gas	Natural Gas	[of which:] LNG	of which:LNG	of which: pipeline	of which: pipeline
	Million m ³	TJ	1000 ton	ТJ	Million m ³	TJ
8	(at 15°C, 760 mm Hg) ¹⁾	(Gross Calor. Value)		(Gross Calor. Value)	(at 15°C, 760 mm Hg)	(Gross Calor. Value)
Indigenous Production	62400.1		1507.6			
Imports*/	818.5		-			
Exports*/	18721.1		607.7			
Stock Changes (+ or -)						
Gross Inland deliveries (calculated)						
Statistical Difference						
Gross Inland deliveries (observed)						
of which: Power Generation						
of which: Own use and losses of the natural gas industry						
Total Stocks on National Territory- Opening ²⁾	1,079.6					
Total Stocks on National Territory- Closing ²⁾	1,134.8					

Russia Leaves "Blank" for "Imports of LNG", "Stock Changes (+ or -)", "Gross Inland deliveries (observed)" and "of which: Power Generation".

Original



						1
	Natural Gas	Natural Gas	of which:LNG	of which:LNG	of which: pipeline	of which: pipeline
	Million m ³	TJ	1000 ton	TJ	Million m ³	TJ
	(at 15°C, 760 mm Hg)	(Gross Calor. Value)		(Gross Calor. Value)	(at 15°C, 760 mm Hg)	(Gross Calor. Value)
Indigenous Production	63,390	2,423,512				
Imports	819	31,293	0	0	819	31,293
Exports	19,548	747,343	608	31,598	18,721	715,745
Stock Changes (+ or -)	-55.20	-2,110				
Gross Inland deliveries (calculated)	44,605.36	1,705,352				
Statistical Difference	N.A.	N.A.				
Gross Inland deliveries (observed)	N.A.	N.A.				
of which: Power Generation	N.A.	N.A.				
of which: Own use and losses of the natural gas industry	N.A.	N.A.				
Total Stocks on National Territory- Opening	1,079.60		-			
Total Stocks on National Territory- Closing	1,134.80					

ESTO puts "0" for "Imports of LNG", and "N.A." for "Gross Inland deliveries (observed)" and "of which: Power Generation", and calculates "Stock Changes (+ or -)".

OUT data



	Natural Gas	Natural Gas	of which:LNG	of which:LNG	of which: pipeline	of which: pipeline
	million cubic meters	TJ	1000 ton	TJ	million cubic meters	ТJ
		(Gross Calor. Value)		(Gross Calor. Value)		(Gross Calor. Value)
Indigenous Production						
Imports	1,117.9	43,371.8	239.6	12,461.2	789.6	30,910.6
Exports						
Stock Changes (+ or -)						
Gross Inland deliveries (calculated)	1,117.9	43,371.8				
Statistical Difference						
Gross Inland deliveries (observed)						
of which: Power Generation						
of which: Own use and losses of the natural gas industry						
Total Stocks on National Territory- Opening			-			
Total Stocks on National Territory- Closing						

Singapore leaves "Blank" for "Indigenous Production", "Exports", "Stock Changes (+ or -)", "Gross Inland deliveries (observed)", "of which: Power Generation" and "Total Stocks on National Territory- Closing".



	Natural Gas	Natural Gas	of which:LNG	of which:LNG	of which: pipeline	of which: pipeline
	million cubic meters	ТJ	1000 ton	ТJ	million cubic meters	TJ
		(Gross Calor. Value)		(Gross Calor. Value)		(Gross Calor. Value)
Indigenous Production	0.00	0.00				
Imports	1,068.9	41,414.8	262.9	13,671.0	708.7	27,743.7
Exports	0.00	0.00	0.00	0.00	0.00	0.00
Stock Changes (+ or -)	N.A	N.A				
Gross Inland deliveries (calculated)	1,068.88	41,414.76				
Statistical Difference	0.00	0.00				
Gross Inland deliveries (observed)	N.A	N.A				
of which: Power Generation	N.A	N.A				
of which: Own use and losses of the natural gas industry	N.A	N.A				
Total Stocks on National Territory- Opening	N.A		-			
Total Stocks on National Territory- Closing	N.A					

ESTO puts "0" for "Indigenous Production" and "Exports", and puts "N.A" for "Stock Changes (+ or -)", "Gross Inland deliveries (observed)", "of which: Power Generation", and "Total Stocks on National Territory- Closing".



	Natural Gas	Natural Gas	of which:LNG	of which:LNG	of which: pipeline	of which: pipeline
	Million m ³	ТJ	1000 ton	ТJ	Million m ³	TJ
	(at 15°C, 760 mm Hg)	(Gross Calor. Value)		(Gross Calor. Value)	(at 15°C, 760 mm Hg)	(Gross Calor. Value)
Indigenous Production	14	572	0	0		
Imports	2,025	83,943	1,519	83,943		
Exports	0	0	0	0		
Stock Changes (+ or -)	283	11,728				
Gross Inland deliveries (calculated)	1,756	72,787				
Statistical Difference	-110	-4,542				
Gross Inland deliveries (observed)	1,866	77,330				
of which: Power Generation	1,486	61,595				
of which: Own use and losses of the natural gas industry	0	2				
Total Stocks on National Territory- Opening	n.a.					
Total Stocks on National Territory- Closing	n.a.					

Chinese Taipei puts N.A." for "Total Stocks on National Territory- Closing".



	Natural Gas	al Gas Natural Gas of which:L		of which:LNG	of which: pipeline	of which: pipeline
	Million m ³	TJ	1000 ton	TJ	Million m ³	TJ
8	(at 15°C, 760 mm Hg)	(Gross Calor. Value)		(Gross Calor. Value)	(at 15°C, 760 mm Hg)	(Gross Calor. Value)
Indigenous Production	2,873	114,904				
Imports	1,240	49,601	441	23,304	657	26,297
Exports						
Stock Changes (+ or -)	0.00					
Gross Inland deliveries (calculated)	4,113	164,505				
Statistical Difference						
Gross Inland deliveries (observed)						
of which: Power Generation	2,444	97,756				
of which: Own use and losses of the natural gas industry						
Total Stocks on National Territory- Opening						
Total Stocks on National Territory- Closing						

Thailand leaves "Blank" for "Exports", "Gross Inland deliveries (observed)" and "Total Stocks on National Territory- Closing".



	Natural Gas	Natural Gas Natural Gas of which:LNG of		of which:LNG	of which: pipeline	of which: pipeline
	Million m ³	TJ	1000 ton	TJ	Million m ³	TJ
	(at 15°C, 760 mm Hg)	(Gross Calor. Value)		(Gross Calor. Value)	(at 15°C, 760 mm Hg)	(Gross Calor. Value)
Indigenous Production	2,873	114,904				
Imports	1,240	49,601	441	23,304	657	26,297
Exports						
Stock Changes (+ or -)						
Gross Inland deliveries (calculated)	4,113	164,505				
Statistical Difference	NA	NA				
Gross Inland deliveries (observed)	NA	NA				
of which: Power Generation	2,444	97,756				
of which: Own use and losses of the natural gas industry	NA	NA				
Total Stocks on National Territory- Opening	NA					
Total Stocks on National Territory- Closing	NA					

ESTO puts "Blank" for "Gross Inland deliveries (observed)" and "Total Stocks on National Territory- Closing".



Viet Nam

	Natural Gas Million m ³	Natural Gas TJ	of which:LNG 1000 ton	of which:LNG TJ	of which: pipeline Million m³	of which: pipeline TJ
	(at 15°C, 760 mm Hg)	(Gross Calor. Value)		(Gross Calor. Value)	(at 15°C, 760 mm Hg)	(Gross Calor. Value)
Indigenous Production	914	34,443				
Imports	0	0	0	0	0.00	0.00
Exports	0	0	0	0	0.00	0.00
Stock Changes (+ or -)	0	0				
Gross Inland deliveries (calculated)	914	34,443				
Statistical Difference	0	0				
Gross Inland deliveries (observed)	914	34,443				
of which: Power Generation	804	30,307				
of which: Own use and losses of the natural gas industry	N.A.	N.A.				
Total Stocks on National Territory- Opening	o					
Total Stocks on National Territory- Closing	0					

Viet Nam puts "0" for "Total Stocks on National Territory- Closing". No submission of monthly gas data from April 2013.



Summary

	Brunei Darussalam	China	Hong, Kong China	Indonesia	Malaysia	Papua New Guinea	Peru	The Philippines	Russia	Singapore	Chinese Taipei	Thailand	Viet Nam
1. Indigenous Production										0			
2. Imports					0			0	0				
3. Exports					0			0		0		Blank	
4. Stock Changes (+ or -)		N.A		0	N.A		0	0		N.A			
5. Gross Inland deliveries (observed)		N.A	N.A		N.A				N.A	N.A		N.A	
6. of which: Power Generation		N.A	N.A		N.A		N.A		N.A	N.A			
7. Total Stocks on National Territory-Closing		N.A		0	N.A	Blank	0	0		N.A	N.A	N.A	0
8. Imports(of which: LNG)													
9. Exports(of which: LNG)													
10. Imports(of which: pipeline)													
11. Exports(of which: pipeline)													





Thank you for your kind attention

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