



Background of gas data transparency

Gas data collection exercise: questionnaire,
methodologies and definitions

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What has been done so far...

Outcome	Activity	Date
<i>Feasibility Study for extending energy data transparency initiative to monthly gas data</i>	A study commissioned by IEF to SAB energy	May 2009
<i>Stand to inform gas industry about the Initiative</i>	24th World Gas Conference	October 2009
<i>Finalization of gas questionnaire format and agreement on the architecture to start a preliminary gas data collection exercise among JODI partner organisations</i>	JODI Inter Secretariat meeting	October - November 2009
<i>Assessment on participation to the gas data collection exercise with JODI partners and other stakeholders</i>	Start a preliminary gas data collection exercise	December 2009 - current
<i>IEF Secretariat prepared database and designed procedure to host data from partner organisations</i>	Data transmission to IEF Secretariat start with APEC and Eurostat data	January 2010
<ul style="list-style-type: none"> <i>Announcement and progress report on the gas data collection exercise</i> <i>IEF Secretariat and GECF discussed possible cooperation on the new initiative</i> 	IEF12, Heads of JODI partner organisations meeting and joint press release	29-31 March 2010
<i>Introduction of the gas data transparency initiative and its questionnaire</i>	6 th JODI Training Workshop for Latin American Countries	26-28 July 2010

What sort of information is needed?

- Reserves data have little market impact,
- Price data is of value to players in the market only where available in the very short term,
- But there is clearly room for complementary near-real-time data on supply and demand, and on levels of gas held in storage,
- Import and export data will enable a complete picture to be built on the global flows and availabilities of natural gas,

Market transparency will be improved by production, consumption, trade and stocks data.

Questionnaire format

JOINT GAS DATA INITIATIVE QUESTIONNAIRE

Country _____

Month _____

Year _____

		Natural Gas m ³ (at 15°C, 760 mm hg)		Natural Gas Terajoules	
		A		B	
Indigenous Production			0		0
Imports			0		0
<i>of which: LNG</i>	in 1000 tons ▼		0		0
<i>Pipeline</i>			0		0
Exports			0		0
<i>of which: LNG</i>	in 1000 tons ▼		0		0
<i>Pipeline</i>			0		0
Stock Change			0		0
Gross Inland Deliveries (Calculated)			0		0
Statistical Difference			0		0
Gross Inland Deliveries Observed			0		0
<i>of which: Power Generation</i>			0		0
Closing level of stocks held on national territory			0		0

Mass to volume conversion factor of LNG (if you have specific figure)

m ³ /ton	LNG
Conversion factor	

Database – 1

Beyond 20/20 Visual Builder - [GAS Data]

File Edit View Dimension Item Data Source Tools Window Help

Product

Product: Natural Gas Terajoules

		TIME	Jun2009	Jul2009	Aug2009	Sep2009	Oct2009	Nov2009	Dec2009
Country	BALANCE								
Austria	Indigenous Production		5,765	4,399	5,264	6,181	6,141	5,344	0
	Imports		39,396	34,957	30,615	29,477	34,917	31,157	0
	Imports of which LNG		0	0	0	0	0	0	0
	Imports of which Pipeline		0	0	0	0	0	0	0
	Exports		10,767	4,786	0	3,230	7,896	2,153	0
	Exports of which: LNG		0	0	0	0	0	0	0
	Exports of which: Pipeline		0	0	0	0	0	0	0
	Stock Change		-18,963	-19,242	-21,955	-14,344	-397	914	0
	Gross Inland Deliveries (Calculated)		15,431	15,328	13,924	18,084	32,765	35,262	0
	Statistical Difference		0	0	0	0	0	0	0
	Gross Inland Deliveries (Observed)		0	0	0	0	0	0	0
	Gross Inland Deliveries (Observed) of which Power Generat...		0	0	0	0	0	0	0
	Closing Level of stocks held on national territory		0	0	0	0	0	0	0
Chinese Taipei	Indigenous Production		1,144	1,041	1,005	962	0	0	0
	Imports		40,151	40,348	52,055	46,007	0	0	0
	Imports of which LNG		0	0	0	0	0	0	0
	Imports of which Pipeline		0	0	0	0	0	0	0
	Exports		0	0	0	0	0	0	0
	Exports of which: LNG		0	0	0	0	0	0	0
	Exports of which: Pipeline		0	0	0	0	0	0	0
	Stock Change		-2,417	-13,964	-2,788	-10,304	0	0	0
	Gross Inland Deliveries (Calculated)		43,712	55,353	55,849	57,273	0	0	0
	Statistical Difference		282	304	5,695	6,788	0	0	0
	Gross Inland Deliveries (Observed)		43,430	55,049	50,154	50,485	0	0	0
	Gross Inland Deliveries (Observed) of which Power Generat...		35,541	47,293	42,695	42,292	0	0	0
	Closing Level of stocks held on national territory		0	0	0	0	0	0	0

Database – 2

- 4 dimensional database
 - Product and Unit are merged
 - “not applicable” to all data point other than LNG trade
 - Need to show conversion factor: Cubic m/ton
 - Should LNG in ton be converted to other units
- Definition
 - Based on the InterEnerStat recommendation
- Need to identify “Top ~”

Progress on gas data collection exercise

- **Trial data collection on natural gas commenced in December 2009**
- **Data transmission to IEF starts with APEC and Eurostat data**
- **42 countries/economies participate the exercise so far**
- **Timeliness is still an issue**
- **IEF and GECF discussed possible cooperation on the new initiative**
- **Web portal for gas data initiative**

Participation to gas data collection exercise

Eurostat: 24 member states/candidates

- Austria
- Belgium
- Bulgaria
- Croatia
- Denmark
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- Ireland
- Italy
- Latvia
- Lithuania
- Norway
- Poland
- Portugal
- Romania
- Slovakia
- Slovenia
- Spain
- Sweden
- Turkey

APEC: 16 countries/economies

- Australia
- Brunei
- Canada
- Chile
- China
- Chinese Taipei
- Hong Kong
- Indonesia
- Japan
- Korea
- Mexico
- New Zealand
- Philippine
- Russia
- Thailand
- USA

*There are some data submission from Viet Nam, Peru prior to Jan 09

**Countries in red are also OECD member countries

Issues

- **Completeness**
- **Conversion**
- **Timeliness**





Thank you