



OPEC's Perspective on Monthly Gas Data Collection

**Puguh Irawan
Data Services Department-OPEC**

**2nd Gas Data Transparency Conference
22-23 May 2012
Doha, Qatar**



Background

In the 11th IEF Ministerial Meeting, Rome (April 2008), Energy Ministers stated *“given the trend towards globalization in the gas market, it is time to progressively extend JODI to natural gas”*.

In the 13th IEF Ministerial Meeting, Kuwait (March 2012), Ministers reiterated *“their commitment to the timeline of expansion of JODI to cover natural gas”*

While **OPEC research works focus on oil statistics**, nevertheless OPEC is willing to help IEF’s efforts coordinate the collection of monthly natural gas data from OPEC MCs natural gas producers-exporters



Background

Currently, OPEC only collects annual natural gas data from MCs thru Annual Questionnaire (AQ), covering data on:

- * proven gas reserves
- * gross production
- * marketed production (v)
- * re-injection, flared, shrinkage
- * domestic consumption (v)
- * exports & imports (v)
- * natural gas export prices
- * exporting LNG terminals, natural gas pipelines, LNG/LPG carrier fleet, production capacity & expansion plan



OPEC's marketed production of natural gas

Country	2009 (billion scum)	2010 (billion scum)	% Change 2009-10	% World Share 2010
Iran	176	187	6.6	5.8
Qatar	89	96	7.9	3.0
Saudi Arabia	78	88	11.7	2.7
Algeria	81	84	3.0	2.6
UAE	49	51	5.0	1.6
Nigeria	23	28	21.1	0.9
Venezuela	18	20	7.0	0.6
Libya	16	17	5.7	0.5
Kuwait	12	12	2.1	0.4
Total OPEC	545	585	7.4	18
Total World	3,025	3,226	6.6	



Challenges in collecting monthly gas data

Institutional concerns (MCs):

- * Responsible agency for collecting monthly gas data
- * Oil & gas industries-related activities are separated entities
- * Attempting to consolidate the data collection mechanism

Inadequate capacity building (MCs):

- * Survey methodology (i.e. standard definitions)
- * Basic infrastructure of data collection, and data support facility
- * Necessary human resources (statisticians, data analysts)
- * Requiring trainings for responsible statisticians

Additional resources needed (OPEC Secretariat):

- * Statistician for dealing with the MCs natural gas data submissions
- * Other necessary resources
- * Preparing the necessary logistics for handling the maintenance of natural gas monthly data



Added values of JODI gas data

JODI gas database that is freely available for public serve the growing public demand for comprehensive, timely and reliable gas market data, covering all major producing & consuming countries, and major statistical flows (marketed production, demand, exports & imports, and stocks of natural gas.

Such gas database is expected to help reduce the future uncertainties in the natural gas markets volatility, thus would improve predictability.

Competitions between major types of energy markets, i.e. oil, gas, coal and other, have been increasingly becoming tighter over time, and these markets are inter-related, influencing each other in such a way that the gain of one energy market would be the lost of the others, and vice versa.

Apart from further promoting global energy data transparency, the collection of monthly natural gas would enhance OPEC's database and research works, covering two most important energy commodities worldwide.



Thank you