



Selected issues in Russia's oil and gas statistics

**(The user's perspective informed by
experiences of BP Stat Review)**

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BP Statistical review: 60 years of experience



- Annual publication, publicly available resource, quite a popular data source
- An attempt to have a comprehensive coverage: reserves, production, consumption, trade
- All types of primary energy resources: oil, gas, coal, hydro and nuclear power, renewables
- Done in cooperation with the national governments around the world
- Return – 7 main forms
- We are looking for a Government partner in Russia

Consumption side



- Insufficient amount of details on energy consumption
- Soviet legacy of excessive focus on production to the disadvantage of everything else
- Energy balance as a primary source of consumption data, significant improvements recently, but a 2 year lag
- No consumption details within a year, only annual statistics; UK: monthly reporting
- Fuel balance: Why is it still in ton of coal equivalent (tce)?
A switch to oil equivalent?



- Gas: Unit of measurement – low calorific content of Russian gas, discount coeff. to make it comparable with international standards
- What is the discount factor? 1.08 vs 1.105 vs 1.12
- How is imported gas measured, eg from Azerbaijan? Is it in Russian bcm or standard (international) units?
- Oil: breakdown between oil and gas condensate, 2009-10 data are available
- Conversion coeff for condensate – how many barrels are in 1 ton of average Russian gas condensate? 8.18 (Gazprom) or 10.5 (av intern.)

Gas Trade (1): Export – country breakdown



Gas Exports to Europe in 2010, Rus BCM

	Gazprom	CERA	Cedigaz	CEMS	RUS Customs Committee	TSDU TEK (MinEnergO)
Western Europe	103.6	98.7	91.6	102.0	87.3	n/a
Central and Eastern Europe	44.5	39.9	39.5	39.0	15.3	n/a
Total	148.1	138.6	131.1	141.0	102.7	137.8

Note: Excluding exports to CIS

Gas Trade (2): intra-CIS trade



Russian gas exports to the selected CIS countries, bcm

		2008	2009
Kazakhstan	as reported by exporter	7.629	7.906
	as reported by importer	1.613	1.292
Moldova	as reported by exporter	2.725	1.972
	as reported by importer	0	0
Ukraine	as reported by exporter	3.011	18.656
	as reported by importer	1.376	22.181

Gas Trade (3): Who sells gas to Ukraine?



Ukrainian gas imports, bcm

		2008	2009
Kazakhstan	as reported by exporter	9.455	5.820
	as reported by Ukraine	9.638	5.037
Russia	as reported by exporter	3.011	18.656
	as reported by Ukraine	1.376	22.181
Turkmenistan	as reported by exporter	na	na
	as reported by Ukraine	31.251	4.502
Uzbekistan	as reported by exporter	na	na
	as reported by Ukraine	10.318	6.234