



*8th meeting of ECDSO-g
Coordination Platform*

Energy Community Secretariat, Vienna, 28 November 2019

Policy Guidelines on Measurement

6 meetings – 3 dedicated to measurement

Very different gas distribution sectors within the Energy Community

Different measurement practice by the Contracting Parties

From non measured delivery ...to...smart meters introduction

Background

Legal basis

Billing and right to access consumption & metering data

Conditions and Units of measurement / billing

Standard measuring equipment

Smart metering

Non-measured delivery (norms, profiles)



To be finalised in 2019

Gas Directive 2009/73/EC (1.1.2015)

Obligation of DSOs to manage the system; to provide sufficient information to other operators; to respect contractual arrangements...including metering responsibility

Customers' right to be informed on own consumption

Energy Efficiency Directive 2012/27/EU (30.11.2017)

Billing of energy (**gas**, electricity, heat) and water supply based on **actual** consumption / individual meters

Access to historical consumption data

Directive 2012/27/EU requires that, where final customers do not have smart meters, **accurate billing information have to be based on actual consumption by 30 November 2017**. This is relevant for electricity, **gas**, district heating and cooling and hot water supply, including energy distributors, distribution system operators and retail energy sales companies, where this is technically possible and economically justified.

According to Annex I to the Directive 73/2009/EC, on Measures on consumer protection, **each customer has a right, free of charge, to “have at [its] disposal [own] consumption data...and access to its metering data”**. Each customer also has a right, free of charge, to be “properly informed of actual gas consumption and costs frequently enough to be able to regulate own gas consumption”.



EASEE GAS CBP 2003-001/02

EU NC on interoperability and data exchange

Standard conditions (0 °C, 1,01325 bar, GCV)

Energy units = gas composition to be defined

Energy units at distribution level

Transitional period for introduction



Ownership / responsibility

Composition

Calibration, monitoring, maintenance, replacement

Standards & legislation

Standard meters

Type of meter: Diaphragm / rotary / turbine / ultrasonic

Depends on type of customer/capacity

Practice

Intelligent metering systems

Based on economic assessment and long term benefits (D73/2009/EC)

Ensured interoperability with connected metering systems

Practice

Still exists.....

In Ukraine 24% of households without meters



“Final [gas] customers to be equipped with individual meters...in so far is ***technically possible, financially reasonable and proportionate to the potential energy savings***”

Energy Efficiency Directive 2012/27/EU

Consumption norms – determined by authorities

Consumption profiles – determined by companies



*Thank you
for your attention!*

Karolina Čegir, Gas Expert

www.energy-community.org