

Country Ukraine Update to the Global Methane Initiative (GMI) Oil & Gas (O&G) Subcommittee

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Ministry of energy and coal industry of Ukraine

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Country Ukraine O&G Sector Update

Ukraine conducts gas market reform in accordance **with the third Energy Package of the EU**. It is a package of laws on the internal market of gas and electricity in the European Union. Its goal is more open gas and energy markets in the European Union. The package was proposed by the European Commission in September 2007 and voted in the Parliament of the European Union in July 2009. It came into force on September 3, 2009. The main element of the Third Energy Package is the bonding of property requiring the separation of mining and distribution units from the highways and the creation of a National Regulator (NR) for each Member State of the European Union and the Agency for the Co-operation of Energy Regulators, which provides a forum for interaction between national regulators.

Legislative base:

Directive 2009/73 / EC concerning common rules for the internal market in gas replacing Directive 2003/53 / EC

Regulation (EC) No. 715/2009 concerning conditions for access to gas networks for international trade, replacing Regulation (EC) No. 1775/2005

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The gas transmission system of Ukraine includes 38,200 km of gas pipelines of various uses and productivity, 73 compressor stations (KS), over 1600 gas distribution stations (GDS), 13 underground gas storage facilities (UGS) and infrastructure facilities that ensure the functioning of the system.

At the "entrance" GTS is able to accept up to 290 billion cubic meters m, and at the "outlet" to pass 175 billion cubic meters. m of natural gas, including 140 billion cubic meters m to the countries of Western and Central Europe.



O&G Methane Mitigation

According to the statistical reporting in the field of ecology, which is being conducted at PJSC "Ukrtransgas", methane emissions in transmission were:

2016 – 34,183.2 tons

2017 – 30,365.2 tons

At present, 5 mobile laboratories for the search and elimination of methane leaks from the equipment of the linear part of the main gas pipelines and compressor stations have been created at PJSC "Ukrtransgas".

Activities of such laboratories allowed to reduce methane leaks by the value:

2016 – 6,072.41 thousand m³

2017 – 8,242.46 thousand m³

O&G METHANE MITIGATION

The industry has developed and partially implemented a series of scientific and technical solutions for the technological losses of natural gas to reduce losses by 2.5-3 times. Research and engineering company VNIPITransgaz has developed a new, no-costs system of products dust collectors at gas distribution stations.

Ukrtransgas has avoided gas emissions during start-up of gas turbines by replacing natural gas with compressed air and by applying electric starters in gas turbines.

Mobile laboratories at UTG will soon solve the problem of NO emissions in exhaust gases of gas turbines through installation of a low-emission burning of natural gas, including catalytic burning.

Methane Action Plans

Annex XXX to Chapter 6 "Environment" Section V "Economic and Industrial Cooperation" Association Agreements between Ukraine, on the one hand, and the European Union, the European Atomic Energy Community and their Member States, on the other hand

Directive 2003/87 / EC on the establishment of a scheme for greenhouse gas emission allowance trading within the Community

Amending Directive No. 96/61/EC, as amended by the Directive No. 2004/101/EC, in particular by establishing a system for monitoring, reporting, inspection and proper implementation, as well as procedures for consulting the public.

Methane Action Plans

Project The Law of Ukraine "On the Basics of Monitoring, Reporting and Verification of Greenhouse Gas Emissions"

- The Draft Law of Ukraine "On the Basis of Monitoring, Reporting and Verification of Greenhouse Gas Emissions" (hereinafter referred to as the draft law) was developed with the purpose of implementing the Cabinet of Ministers of Ukraine from September 17, 2014 No. 847-p "On the Implementation of the Association Agreement between Ukraine on the one hand , and the European Union, the European Atomic Energy Community and their Member States, on the other hand, with regard to the implementation of EU environmental legislation, in particular Directive 2003/87 / EC, s well as the Concept for the implementation of the state policy in the field of climate change for the period up to 2030, approved by the Decree of the Cabinet of Ministers of Ukraine dated December 7, 2016, No. 932-p, according to which the implementation of the provisions of the Agreement related to climate change, as well as the creation and ensuring the functioning of the monitoring, reporting and verification of greenhouse gas emissions in Ukraine, refers to the main directions of implementation of the state policy in the field of climate change for the period up to 2030.

Practical steps of Ukraine



Contact Information and Announcements

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