

NATIONAL NATURAL GAS TRANSMISSION SYSTEM (NNGTS) MAINTENANCE PROGRAM - YEAR 2014

No.	NNGTS POINT	DESCRIPTION OF WORKS	PERIOD	MAINTENANCE DAYS	REMARKS
1	Entry Point 'SIDIROKASTRO'	Hardware and system software upgrade of BMS Sidirokastro Distributed Control System (DCS)	July - September	3	Available Transmission Capacity at Entry Point 'SIDIROKASTRO': 91,000.000 MWh/Day
2	Line Valve 'MANDRA'	Triple Hot Tapping (30"x10", 10"x6", 10"x4") at the 'MANDRA' Line Valve (U-3040) facilities	August		Potential NNGTS Transmission Capacity restriction due to specific requirements of Natural Gas velocity during the period of the maintenance works
3	Exit Point 'THESSALONIKI'	Installation, commissioning and start-up of third metering line at Thessaloniki East (U-2220) and Thessaloniki North (U-2240) M/R stations	August 15 - October 15	4	Available Transmission Capacity at Exit Point 'THESSALONIKI': 19,425.632 MWh/Day
4	Entry Point 'SIDIROKASTRO'	Second Upgrade of Border Metering Station (BMS) Sidirokastro	August 15 - October 15	30	
5	Pipeline Section: ANO LIOSSIA-LAVRION	Intelligent pigging inspection works	September - November	2	Potential NNGTS Transmission Capacity restriction due to specific requirements of Natural Gas velocity during the period of the maintenance works
6	Pipeline Section: REVYTHOUSA-AGIA TRIADA (two (2) offshore pipelines)	Intelligent pigging inspection works	September - November	2	Potential NNGTS Transmission Capacity restriction due to specific requirements of Natural Gas velocity during the period of the maintenance works
7	Pipeline Section: PATIMA-KERATSINI	Intelligent pigging inspection works	September - November	2	Potential NNGTS Transmission Capacity restriction due to specific requirements of Natural Gas velocity during the period of the maintenance works
8	Pipeline Section: AMPELIA-VOLOS	Intelligent pigging inspection works	September - November	2	Potential NNGTS Transmission Capacity restriction due to specific requirements of Natural Gas velocity during the period of the maintenance works
9	Pipeline Section: PENTALOFOS-DIAVATA	Intelligent pigging inspection works	September - November	2	Potential NNGTS Transmission Capacity restriction due to specific requirements of Natural Gas velocity during the period of the maintenance works
10	Pipeline Section: DRIMOS-ASVESTOKHORI	Intelligent pigging inspection works	September - November	2	Potential NNGTS Transmission Capacity restriction due to specific requirements of Natural Gas velocity during the period of the maintenance works
11	Pipeline Section: AMPELIA-MAVRONERI	Intelligent pigging inspection works	September - November	2	Potential NNGTS Transmission Capacity restriction due to specific requirements of Natural Gas velocity during the period of the maintenance works

Note:

Maintenance works dates at the upstream transmission network of Russian Natural Gas to the Balkan region and Turkey that limit the quantity of Natural Gas to the Greek - Bulgarian border:

- a) May 2014 (15 maintenance Days): the quantity of Natural Gas to the Greek - Bulgarian border is limited up to 62,414.439 MWh/Day
- b) 29.07.2014 08:00 - 02.08.2014 08:00 (4 maintenance Days): the quantity of Natural Gas to the Greek - Bulgarian border is limited up to 86,339.973 MWh/Day
- c) 19.08.2014 08:00 - 23.08.2014 08:00 (4 maintenance Days): the quantity of Natural Gas to the Greek - Bulgarian border is limited up to 0.000 MWh/Day for 81 hours and 41,609.626 MWh/Day for 15 hours
- d) September - October 2014 (15 maintenance Days): the quantity of Natural Gas to the Greek - Bulgarian border is limited up to 62,414.439 MWh/Day