



ΕΔΑΕ **ΘΕΣΣ**

ΕΤΑΙΡΕΙΑ ΔΙΑΝΟΜΗΣ ΑΕΡΙΟΥ

ΘΕΣΣΑΛΟΝΙΚΗΣ - ΘΕΣΣΑΛΙΑΣ Α.Ε.

**DISTRIBUTION AREA:
REGIONAL UNIT OF THESSALY**

2nd PREPAREDNESS DRILL 3 July 2017

**«Damages to the Natural Gas Network Complex of Larissa because of
seismic activity»**



2nd PREPAREDNESS DRILL– LARISSA 03-07-2017



- The 2nd Preparedness Drill for the year **2017** of **EDA THESSALONIKI-THESSALIA** was successfully conducted on **Monday 3 July 2017** in **Thessalia-Larissa**. The success was achieved through the contribution of all services involved and of **EDA THESS** personnel, along with the Authorities and the competent contractor company.

- The purpose of the drill conducted by **EDA THESS** in **Larissa** was to:
 - test and check the completeness of emergency plans
 - ensure the required cooperation between the competent structures
 - improve coordination, communication and management of information
 - effective handling of the emergency incident



2nd Preparedness Drill– Larissa 03-07-2017

- The drill concerned **damages** which occurred to the **Natural Gas Distribution Network of Larissa** due to an earthquake of 6.1R that took place on **Monday 3 of July 2017** at 7:15 am, in **Giannouli area, at Larissa**.



- Due to this earthquake, serious damage has been caused to the telecommunications network, with the result that all the communication with the relevant Authorities to be conducted through TETRA. The Emergency technical staff in Larissa operated the TETRA devices and declared it's availability informing respectively continuously the Call Center about the incident.



2nd Preparedness Drill– Larissa 03-07-2017

- The company's staff is gathered to the park area behind the company's offices



- After checking the stability of the building, from representatives of TEE of Thessaly, the approval to the staff of EDA THES to enter at the job positions is given.



ΝΕΕΣ
συνδέσεις



11 150

(Δευτέρα - Παρασκευή: 08:00 - 16:00)

τηλέφωνο
άμεσης επέμβασης

10 302
(24 ώρες το 24ωρο)

2nd Preparedness Drill– Larissa 03-07-2017

- The Manager of GMI at the Region of Thessaly (Head of Emergency Response) Mr. Christos Damianidis, arrives at the company's offices and through the TETRA system informs and convenes the Local Crisis Team. At the same time he informs the Manager of GMI and the General Manager.



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2nd Preparedness Drill– Larissa 03-07-2017

- The **General Manager Mr. Leonidas Bakouras** convenes the General Crisis Management Team to attend the Crisis Center in Larissa and the Manager of GMI, Mr. Ioannis Karakitsos assumes duties as Head of General Crisis Management.



- At the same time, the Unit of Development & New Connections informs the local authorities, the Authorities and the media about the progress of the incidents and the measures taken to deal with the events.





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DISTRIBUTION AREA:
REGIONAL UNIT OF THESSALY

Incident No 1: Low Pressure Network Damage at the 2nd km of National Road of Larissa-Kozani

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2nd Preparedness Drill – Larissa 03-07-2017

- **Incident No1-Low Pressure Network Bridge at the 2nd km of National Road of Larissa - Kozani**



➤ **EDA THES** technician arrives at the event, secures the area of the damage and informs the Operational Technician for his actions.

➤ The intervention of the Fire Department and the Hellenic Police is direct at the incident venue. In terms of safety, the forces of the Hellenic Police are proceeding to traffic diversion at the entrance to Larissa.



➤ Firefighting forces are spraying water to the place where the leakage of natural gas has been detected in order to avoid a fire.

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2nd Preparedness Drill– Larissa 03-07-2017

Incident No1- Low Pressure Network Bridge at the 2nd km of National Road of Larissa - Kozani



- Staff of the contractor company arrives at the incident venue to excavate, cut and tighten the pipeline around the bridge so as to secure the part of the pipeline.





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ΕΤΑΙΡΕΙΑ ΔΙΑΝΟΜΗΣ ΑΕΡΙΟΥ

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DISTRIBUTION AREA

REGIONAL UNIT OF THESSALY

Incident No2 :Sedimentation within an IRI station at BIOKARPET junction


νέες
συνδέσεις



11 150

(Δευτέρα - Παρασκευή: 08:00 - 16:00)

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2nd Preparedness Drill– Larissa 03-07-2017

- **Incident No 2-Sedimentation within an IRI station - BLOKARPET node**

➤ Sedimentation within a distribution station resulting in a partial rupture of insulating connector of the station's entry point and limited leakage around the area of Biokarpet node.



➤ The Contractor is called to intervene with the Alert Forces to Medium Pressure networks and for repairs at the steel networks with additional staff. Works in the incident venue is coordinated by the Maintenance Coordinator of Medium Pressure networks who attends the incident.

➤ **EDA THES** technician arrives at the event, secures the area of the damage and informs the Operational Technician for his actions.



11 150
VΕΕΣ ΣΥΝΔΕΣΕΙΣ
(Δευτέρα - Παρασκευή: 08:00 - 16:00)

10 302
(24 ώρες το 24ωρο)

- **Incident No 2- Sedimentation within an IRI station at BLOKARPET node**

- Due to the sedimentation that has happened to the station, a natural gas supply problem is occurred at the network in the municipal district of Nikea. The result of this network malfunction is the interruption of 143 service lines, 3 industrial stations and one hospital station.
- Due to the specificity of the hospital, the Manager of GMI at the region of Thessaly asks from the contribution of the General Crisis Management Team for the assistance of a contracted CNG gas supplier for the continuous supply of the hospital.



- Incident No 2- Sedimentation within an IRI station at BIOKARPET node**



- Arrival of a compressed natural gas supplier with a vehicle of bottles, a decompression station and technical staff to carry out the connections. A GMI Station Technician intervenes on-site to assist in starting and monitoring the station's smooth operation.
- Due to the specificity of the situation and for the immediate restoration of supply to the hospital, technical assistance was requested from **EDA ATTIKIS**.

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DISTRIBUTION AREA:
REGIONAL UNIT OF THESSALY

Incident No3 : Internal Installation / Partial Collapse of Boiler Room

νέες
συνδέσεις



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(Δευτέρα - Παρασκευή: 08:00 - 16:00)

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- Incident No3-Internal installation/ Partial collapse of the boiler room at the swimming pull facility***

➤ Partial Collapse of the boiler room at the swimming pool of Larissa in Parnithos Street (Alkazar area), damage to the supply station, natural gas leakage and fire from the gas leak.



➤ **EDA THES** technician arrives at the incident, secures the area of the damage and proceeds to the intervention at the station around the building.

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2nd Preparedness Drill– Larissa 03-07-2017

- **Incident No3-Internal installation/ Partial collapse of the boiler room at the swimming pool facility**

- Arrival & Intervention of the Fire Department of Larissa, in order to rescue a maintenance technician who was working at the boiler room.





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DISTRIBUTION AREA:
REGIONAL UNIT OF THESSALY

Incident No3 : Damage at the Industrial Area of Larissa


νέες
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2nd Preparedness Drill– Larissa 03-07-2017

- **Incident No4 – Damage at the industrial station of Larissa**

➤ Collapse of a medium-voltage column of DEDDIE S.A. (Hellenic Electricity Distribution Network Operator S.A) at the **BETTINA** station at the **Industrial Area of Larissa**, rupture of the station's inlet pipe, gas leakage and leakage-fired fire



➤ **EDA THES** technicians arrive at the event, secure the area of the damage and inform the Operational Technician for their actions. Due to the drop of PPC's column in the station, a fire has occurred which makes it impossible to carry out further actions.

2nd Preparedness Drill – Larissa 03-07-2017

- **Incident No4 – Damage at the industrial station of Larissa**

➤ Arrival of Firefighting forces which are spraying water to the place around the station in order to control the fire.



➤ Arrival of contractor's JCB excavator, in order to carry out necessary excavations, cutting and topping of the service line in order to be able to repair the station.



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2^η Άσκηση Ετοιμότητας – Λάρισα 03-07-2017



During the progress of the incidents, the representatives of the Thermal Hydraulic & Gas Associations of Thessaly were present at the company's offices in order to be informed immediately about the malfunctions of the natural gas network from the Managers of Development and New Connections and Strategic Planning & Regulatory Affairs, together with the General Manager of EDA THESS Mr. Leonidas Bakouras. The purpose of the meeting is to address potential consumers' problems.





- The Preparedness Drill was conducted in compliance with all relevant procedures and instructions, while all necessary preventive actions were taken and inspections were made to the gas distribution system.

- The drill was completed at **01:52** a.m., successfully dealing with the simulated incident.



The total actions of the Units of EDA THESS are summarized below:

Human Resources Unit(HR)

Provides the necessary instructions to the company's personnel for their safety, as well as the smooth and correct execution of the tasks of each Unit.

Development, Marketing & Image (DEV)

Monitoring the operation of the Emergency Call Center and the Customer Service' Call Center after the repairing of the phone line
Sending information letters to Authorities, to the members of BoD and shareholders throughout the preparedness drill
Communication with Media
Post press releases on the corporate website
Informing the representatives of the Technical Chamber of Greece, the Association of Thermo-Hygienists and the Gas Fuel maintenance engineers about the progress of the incidents and the necessary measures that have taken so as to deal with possible problems of the consumers.

Network Access Management & ICT Unit (NAM/ICT)

Sending written information to the Distribution Network Users during the preparedness drill and ensuring the access to the IT applications that are used in a General Crisis Situation.



Strategic Planning & Regulatory Affairs Unit (STRAT/REG)

Communication with the Regulatory Authority for Energy (RAE) and sending written information throughout the duration of the drill.

Finance Unit (AFC)

Provide all the necessary financial information so as to support the Crisis Management Team during General Crisis Situations, in case it is required.

Constructions Unit (CON)

Coordination of the necessary actions for access to the Cartography of the Company as well as technical support in relation to the functions of the natural gas network.

Internal Audit, Quality, Health & Safety Unit (INAQ)

On-the-spot recording of incidents and analysis of the procedure of the General Crisis Situation, based on the information contained in the General Crisis Management Activity Calendar



Procurement Unit (PROC/GS)

Coordinate with all Units to provide up-to-date lists of critical Suppliers for each Crisis scenario, identifying for each supplier, where appropriate and on a case-by-case basis, the availability of emergency personnel, equipment, materials and emergency contacts.

Legal Service (LEG)

Provide legal support to the General Crisis Manager and to the General Crisis Management Structure

Corporate Affairs (CA)

Coordination with the INAQ Unit for the implementation of the Crisis Response Process. Supporting the General Management Unit regarding the necessary communication which occurs during the incidents.

