

TURKEY INSIGHT

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New appointments in the Ministry of Energy

Murat Zekeriya Aydin, the Deputy Managing Director of EÜAŞ, is appointed to the General Directorate of Energy Affairs.

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Gazprom established new company

Gazprom has set up a new company in Turkey "Gazprom Turkey Enerji (Energy) A.Ş." to operate in the natural gas, electricity and petroleum sectors. The shares of the newly established company is owned by Gazprom Schweiz.

(Emre Erturk – 20 April 2017)

Gazprom, holding a total of 30 bcm/year contracts with state-owned BOTAS and seven private companies to export natural gas to Turkey, has established a new company in Turkey to trade natural gas and electricity. Gazprom Turkey Enerji A.Ş., a fully paid-up company with capital of TL 50,000, was established in Istanbul and registered in the

Trade Registry on February 20, 2017. All of the shares of the new company belong to Gazprom's Swiss-based subsidiary Gazprom Schweiz AG (Gazprom Switzerland). The articles of association includes integrated and comprehensive commercial activities related to natural gas, electricity, crude oil and petroleum products.

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Ministry works on improving 1 GW wind YEKA tender

The preparations of the private sector and the public are ongoing for the YEKA competition, which will set up wind farms with a total installed capacity of at least 1,000 MWe in seven regions.

(Enerji IQ – 27 April 2017) Public and private sector preparations for the YEKA contests, which will completely change the investment model of Turkey, continue in the wind. While consortium negotiations between turbine manufactures and plant investors have nearly been completed, the interest shown in the competition by the investors coincides with expectations of the Ministry, according to the information obtained from the sources of the Ministry.

A source from the Ministry of Energy told Enerji IQ that the Ministry has carried out studies in order to ensure that the process is prevented especially due to environmental legislation. The source also told that the complexity of the environmental legislation and possible trials that would arise as a result of the previously granted environmental impact assessment (EIA) reports for the desired areas, are seen as the weakest ring of the chain, that ministry works on to eliminate the risks.

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Turkey to adopt new strategy in privatization

Turkey amended the privatization program for energy assets. A new strategy is being discussed in Ankara for the remaining assets.

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At the end of 2014, Gazprom Schweiz made an application to the Turkish regulator EMRA and the Competition authority to acquire the 50% of the shares of Russian gas importer Akfel Gaz. Competition Authority published the related application on its website on January 6, 2015, but the share transfer was not realized.

Gazprom Turkey Enerji A.Ş become the second Zug based energy company in Turkish energy market

The headquarters of Gazprom Schweiz, which has a significant gas import and trade volume after Gazprom Export in Europe, is located in Zug city of Switzerland. Zug city stands out with its hosting of many international companies due to its low tax rate.

Zug city is also hosting the headquarter of the Hungary-originated MET Group, which the subsidiary MET Turkey Energy Trading Co. received a spot LNG import license from EMRA in May last year.

Important Details of the Articles of Association

The main contract of Gazprom Turkey Energy Inc., which was published in the Trade Registry Gazette dated February 20, 2017, covers a wide range such as natural gas imports, electricity trading, natural gas transmission, crude oil and LPG trade. However, the main clause emphasizes that the issues related to electricity trade are more prominent and more comprehensive than other areas.

This detail highlights that the company will likely operate primarily in the field of electricity supply and trade. This prediction supports the assertions that Russia will become an important player in power trading market when Akkuyu nuclear power plant comes into operation.

Enerji IQ summarized this broad scope for readers:

- Natural gas import, export, wholesale and transmission including LNG
- All activities in line with EMRA legislation in crude oil, petroleum products and liquefied petroleum gas market
- Wholesale of electricity and/or capacity and sales to eligible consumers
- Establishing partnerships with existing market players
- Electricity import and export
- Making contracts with private and public institutions for electricity and capacity

Turkey's contacts with Gazprom (bcm/year)

BOTAŞ	20.00
Enerco Enerji	2.50
Bosphorus Gaz	2.50
Akfel Gaz	2.25
Bati Hatti	1.00
Kibar Enerji	1.00
Avrasya Gaz	0.50
Shell Enerji	0.25
Total	30.00

Turkey's total gas imports by importers (million m³)

	2015	2016
BOTAŞ	40,600.3	37,556.6
Akfel Gaz	1,573.8	1,992.0
Avrasya Gaz	426.2	418.9
Bati Hatti	848.6	949.4
Bosphorus Gaz	1,693.0	2,041.1
Enerco Enerji	2,043.5	2,096.4
Kibar Enerji	790.3	858.4
Shell Enerji	184.2	186.9
EgeGaz	269.1	252.5
Total	48,429.1	46,352.2

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The seven connection areas and the capacities specified in the RfP are as follows:

- Kayseri - Niğde: 200 MW
- Sivas: 200 MW
- Edirne - Kırklareli - Tekirdag: 700 MW
- Ankara - Çankırı - Kırıkkale: 200 MW
- Bilecik - Kütahya - Eskişehir: 150 MW
- Malatya: 150 MW
- Burdur-Denizli-Uşak: 100 MW

The winning consortium will invest at least 1,000 MWe in these regions that have potential combined capacity of 1,700 MW in total.

Turkey's natural gas consumption hikes in Q1

Turkey's natural gas consumption in the first quarter of 2017 is recorded as 20% higher than that of last year. GAZBİR forecast the annual consumption at the end of this year would likely to hit 50 billion m³.



(Enerji IQ – 24 April 2017) According to the statistics released by Turkish Gas Distributors Association (GAZBİR), natural gas consumption in the first three months of 2017 is 20% higher than the same period of last year. Due to the winter conditions above the seasonal norms throughout the country, an average house consumed 100 m³ more natural gas in the first quarter compared to last year.

In parallel with the increase in demand in 2017, the amount of imports increased similarly compared to the first three months of the previous year. Most of the rising demand during the winter period was met through LNG via FSRU. LNG, which has a 20% share of supply resources, rose to 25% in the first quarter of 2017.

GAZBİR Chairman Yaşar Arslan said that the increase in consumption is due to the fact that the temperature of the air is colder than the forecasts in the first 3 months of the year and that the consumption of the daily peak in the first quarter exceeds 240 million m³. Stating that each year, new 1 million household consumers are

connected to the distribution grids across country, Arslan emphasized that the peak demand will increase by 10 million m³ every year for the next 5 years.

Arslan said that natural gas consumption for electricity generation was 3.6 billion m³ in the first three months of 2017 with an increase of 6% compared to the same period of last year and it is expected that this increase will continue in 2017.



'Consumption at the end of 2017 may hit 50 billion m³'

"As GAZBİR, we declared the consumption forecast for the year-end of 2017 as 47.5 billion m³. However, in the first quarter of 2017 we have seen an increase of nearly 3 billion m³ compared to the first quarter of last year. In addition to the consumption for heating purposes, the consumption of natural gas for electricity generation is expected to increase, compared to the previous year. With this approach, we can achieve record-breaking consumption in 2017. As you may recall, the highest consumption so far has been 48.7 billion m³ in 2014. As GAZBİR, we estimate that by 2017, total consumption of 2017 will be close to 50 billion m³ by updating our forecast for this year."

New appointments in the Ministry of Energy

The assignments in the Ministry of Energy are ongoing. This week, Murat Zekeriya Aydın was appointed to the General Directorate of Energy Affairs, Öztürk Selvitop was appointed as Deputy Director General for External Relations and the EU Department of the Ministry.

(Enerji IQ – 3 May 2017) The appointment wind continues to blow in the Ministry of Energy and Natural Resources and state owned utilities of the ministry. Murat Zekeriya Aydın, Member of the Board of Directors and Deputy General Manager of EÜAŞ, was appointed to the General Directorate of Energy Affairs (EİGM) within the scope of appointments notified by the Ministry of Energy Personnel Office on 3 May 2017. Dr. Zafer Demircan stepped down from his post and appointed as a consultant. The handover ceremony at the EİGM was held on 3 May.

Within the scope of the appointments, Öztürk Selvitop, Head of the Energy Policy and Strategies Department of the EİGM, was appointed as Deputy Director General for External Relations and the EU. EİGM Heads of Department Murat Hardalaç f was appointed to the Assistant

General Manager of EİGM. Aziz Kömürcü, Abdulkadir Duman and Kamil Gündüz, who worked as an engineer, and Murat

Halis, one of the internal auditors, were appointed to the Department Heads within the EİGM.

Murat Zekeriya Aydın appointed as General Manager of EİGM

Murat Zekeriya Aydın, one of the well-known names in the sector; graduated from the Department of Mining Engineering at Hacettepe University Engineering Faculty in 1997. He completed his Master's degree at the same department. Following his post as a research assistant at Hacettepe University Engineering Faculty Mining Engineering Department; he worked in the Ministry of Energy and Natural Resources as Engineer, Branch Manager, Head of Strategy Development Department. Having been in charge of the development and coordination of energy projects in the Kolin Group for a period of time, Aydın was appointed as EÜAŞ Deputy managing Director and Board Member on 10 February 2017.



Turkey to adopt new strategy in privatization

Turkey amended the privatization program for energy assets. A new strategy is being discussed in Ankara for the remaining assets.



(Enerji IQ – 2 May 2017) A number of changes were made to the privatization program with the decision of the Higher Commission on Privatization. Turkish Electromechanical Industry Company (TEMSAN) and TEDAŞ removed the privatization program.

With the Decision of the Higher Council for Privatization dated June 15, 2015, TEMSAN was taken into the scope of privatization to be completed until the end of 2020. TEMSAN is planning to

continue its activities in the energy sector to increase the proportion of domestic equipment manufacturing.

Ankara is also discussing to adopt a new strategy for the remaining large-scale energy assets. An official from the Ministry of Finance, who informed Enerji IQ, said Government is working on new models for the privatization of energy assets in the privatization portfolio, after the establishment of Turkish Wealth Fund.

Apart from Afşin- Elbistan A and B, the thermal power plants expected to be privatized in the coming period are as follows:

- Ambarlı Natural Gas (1.351 MW),
- Ambarlı Fuel Oil (1,170 MW),
- Aliğa Natural Gas (180 MW),
- Bursa Ovaakça Natural Gas (1,432 MW),
- Hopa Fuel Oil Plant (50 MW)

Administrative reorganization at BOTAŞ

Turkey's gas TSO BOTAŞ, which has undergone drastic changes in its administrative staff since the end of February, redefined the duties among the general manager and assistant general managers.



(Enerji IQ – 27 April 2017) The first stage of the structuring and appointments started with the Board Decision No: 2017/09-49 taken on 24 February 2017 was completed with the General Directorate Circular dated 20 April 2017. With the aforementioned circular; the departments under the deputy general managers were reorganized on 19 April 2017.

According to the circular; the new Deputy General Manager of BOTAŞ Selçuk Advan will be responsible from Natural Gas Wholesales Department, LNG Operations Directorate, International Projects Department and Integrated Management Systems Department.

Among the units affiliated to the newly appointed Deputy General Manager Talha Pamukçu will be Regional Directorate of Natural Gas Market Operations (Dispatch Center at Yapraklık), Natural Gas Underground Storage Department, Strategy Development Department and the Regional Directorate of Petroleum Operations.

Selçuk Advan, Head of Natural Gas Purchasing and Export Department, has been appointed as Deputy General Manager instead of Mehmet Konuk

in early April, one of the experienced names of BOTAŞ, who left his position on his own request.

After the new task distributions, the BOTAŞ management was formed as follows:

General Manager Burhan Özcan's units are:

- Auditing Board
- Internal Audit Department
- HR and Education Department
- Legal Consultancy
- Natural Gas Purchase and Export Department
- Private Office Directorate
- Management Operations Department

Deputy General Manager Abdulkadir Yaylacı's affiliated units:

- Financial Affairs Department
- Department of Information Technologies
- Support Services Department
- Corporate Communications Department
- Security Services Department
- BOTAS International Ltd Co. (BIL)
- Turkish Petroleum International Company (TPIC)

Deputy General Manager Abdülvahit Fidan's affiliated units:

- Construction and Expropriation Department
- Survey and Project Department
- Procurement and Contracts Department
- TANAP Expropriation Directorate

Deputy General Manager M.Talha Pamukçu affiliated units:

- Natural Gas Market Operations Regional Directorate
- Natural Gas Underground Storage Department
- Strategy Development Department
- Petroleum Operations Regional Directorate

Deputy General Manager Selçuk Advan's affiliated units:

- Natural Gas Wholesales Department
- LNG Operations Directorate
- International Projects Department
- Department of Integrated Management Systems

Experienced front faces of BOTAŞ step down

As an outcome of the restructuring of BOTAŞ with new assignments, nearly all of the experienced front faced executives of the state-owned gas importer and gas transmission system operator have been radically changed.

Among these names, Mehmet Konuk, who has been working in BOTAS since 1986, is the most prominent person. Mehmet Konuk, who has been in service at BOTAS for more than 30 years, has served as a Member of the Board of Directors and Assistant General Manager for the last 10 years. Mehmet

Konuk acted as the General Manager for 4 years and 8 months.

Mehmet Konuk, one of the experienced names in the energy market, has left his duties as a Member of the Board of Directors and Deputy Chief Executive Officer; after resigning.

Apart from Mehmet Konuk, a number of experienced specialists working in the Regional Directorate of Natural Gas Market Operations in Yapraklık, who created the point of contact with market players, also left



their posts.

A large part of the managers and experts who played an important role in the process of formation and development of the market were appointed in different units in March.

‘We are considering potential gas imports from Israel’

Alparslan Bayraktar, Deputy Undersecretary of the Ministry of Energy and Natural Resources, made important statements about Turkey’s natural gas strategy at the Atlantic Council’s Istanbul Summit, stating that Turkey needs to diversify its natural gas resources and countries, “We are considering potential imports from Israel for the last few months” said.



(Enerji IQ – 27 April 2017) Deputy Undersecretary of the Ministry of Energy and Natural Resources Alparslan Bayraktar made very important statements about Turkey and natural gas strategies at the Atlantic Council summit held in Istanbul. Speaking at the session of the Eastern Mediterranean Gas, Bayraktar said Turkey is considering diversifying its natural gas resources and countries. “We are considering potential imports from Israel for the last few months.”

Shaul Meridor, General Director of the Ministry of Energy, Infrastructure and Water Resources of Israel, spoke at the Atlantic

Council Istanbul Summit 2017 “Strengthening Energy Cooperation and Trade in the Eastern Mediterranean” session, saying that Israel has discovered large quantities of natural gas in the past years, stated that Israel has an export policy with respect to that fact.

Emphasizing that the Turkish route, the eastern route and the Egyptian LNG terminals are among Israel’s three options, Meridor used the phrase “Israel is capable of supplying natural gas to two of these three options and we still have further undiscovered gas.”

Meridor stated that these three options

are complementary, not comparisons, saying “The pipeline to Turkey is a suitable export area for Israel. Israeli gas can be in Turkey in two or three years. This can help Turkey’s domestic market, but it can also help nearby countries as it is in Turkey.”

Meridor said the European Union (EU) is interested in the project and needs to diversify its natural gas. “At the beginning of the month, officials from Italy, Greece, Cyprus and the EU visited Israel. There is a great potential here for 8 years, not for tomorrow. These opportunities need to be examined mutually.”

“Eastern Mediterranean and Iraqi Gas is an Option for Turkey”

Deputy Undersecretary of the Ministry of Energy and Natural Resources Alparslan Bayraktar reminded that Minister Berat Albayrak explained Turkey’s energy policy and that the three important paces of this policy were supply security, localization and predictable market.

Bayraktar pointed out that the purpose of this energy policy is to meet growing demand for Turkey and reduce import dependency, and that they intensively invest in gas infrastructure such as LNG, floating LNG plantA and underground storage facilities.

Bayraktar, who stated that nuclear energy is also very important for Turkey, said that both resources and countries need to be diversified, and Eastern Mediterranean gas could be a very good option in this context.

Bayraktar said that by diversifying gas supplying countries, a competitive market could be created and Turkey needed to be based on the win-win principle of the project in order to be able to support a project, to provide procurement security and to contribute to regional peace.

In this context, Bayraktar emphasized that they wanted a long-term energy cooperation and that a balance had to be achieved for this. Bayraktar used the phrase “We are considering potential imports from Israel for the last few months.”

“MORE DEPENDS ON COMPETITIVENESS RATHER THAN DEMAND”

Alparslan Bayraktar said that the growth of gas demand in Turkey depends on the prices and competitiveness, but Turkey also tried to reduce the demand for natural gas by various measures.

Bayraktar, continued as follows: “When we look at Turkey’s gas contracts, we are again in a position to negotiate them. We are in a position to bring Turkey to this stage. There is room for new gas resources, but this is not just about the increase in demand. Even if the demand does not increase very rapidly, considering the contract structures, Eastern Mediterranean and Iraq gas can be an option for Turkey, but this depends on



competitiveness rather than demand. The commercial aspects are very important”

Bayraktar also pointed out that the global gas market has changed, and contract structures have emerged in shorter-term or alternative forms. By understanding all these developments, Bayraktar stated that a common point can be found and that it can respond to the needs of the market. Deputy Undersecretary Bayraktar added that the game is constantly changing and that new developments will definitely affect the future picture.

TANAP's first gas due for testing in January 2018

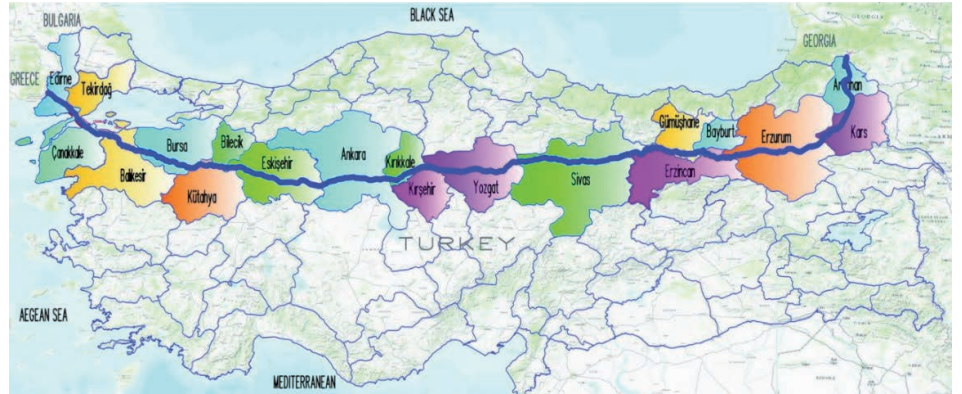
The Trans-Anatolian Natural Gas Pipeline's (TANAP) project is 70 percent complete with first gas to Turkey due for testing in January 2018, the project's general manager said on last week.

(Enerji IQ – 5 May 2017) Saltuk Duzyol, TANAP's general manager, in an exclusive interview with Anadolu Agency, said that Phase 0 of TANAP, which will carry Azeri gas to Turkey, is currently 80 percent complete.

Phase 0 starts from the Turkey-Georgia border and ends in Turkey's Eskisehir province where compressor stations for the project are being built. The second part of the project starts from Eskisehir and continues to the Ipsala district of Edime on the Turkey-Greece border, where TANAP will be connected to Trans Adriatic Pipeline (TAP), the pipeline that will bring Azeri gas to European markets.

Duzyol confirmed that 45 percent of the Eskisehir to Europe section has been complete.

"Thus, when we look in total, we can say that TANAP is currently 70 percent complete. All works for Phase 0 will be completed by the end of this year. Then, the first test gas will be delivered into the pipeline, and first commercial gas will be pumped into the pipeline in June



2018," Duzyol explained.

He explained that dual pipelines, with 36 inches diameter, would be laid down for the sub-sea section of the project.

Malaysian energy company SapuraKencana was awarded the engineering works for the construction and procurement of the sub-sea section of the TANAP in July 2016.

The project's 17.6 kilometer-long sub-sea section out of a total pipeline length of 1,850 kilometers will pass through the Dardanelles.

The Malaysian company will bring a self-stabilizing vessel out to sea to construct the sub-sea section of the project, Duzyol said.

TANAP's initial capacity per year will be 16 billion cubic meters. Turkey will use 6 billion cubic meters of this amount while the remaining

10 billion cubic meters will be delivered to Europe.

Duzyol explained that the project is designed to handle 31 billion cubic meters in total, noting that 15 billion cubic meters more natural gas can be carried through TANAP should the need arise.

He also confirmed that TANAP would be ready to deliver gas to TAP by July 2019.

"The slump in global oil prices and low commodity prices also gives the TANAP project an opportunity to shrink its budget and save up to \$3.2 billion. Initially, the investment budget for TANAP was estimated at \$11.7 billion," Duzyol said.

TANAP's current cost is calculated as \$8.5 billion, he concluded.

6th Energy Management and Policies Workshop to held in Izmir

The 6th Energy Management and Policies Workshop, the first and only regular energy themed workshop in Izmir, will be organized by Izmir University of Economics' (IUE) Sustainable Energy Division on 11-12 May 2017 in cooperation with Enerji IQ.



İZMİR UNIVERSITY OF ECONOMICS
SUSTAINABLE ENERGY DIVISION



Assoc. Prof. Dr. Biresselioğlu

(Enerji IQ – 27 April 2017) Izmir University of Economics' (IUE) Sustainable Energy Division has been organizing the annual "Energy Management and Policies" workshops since 2012, hosting important representatives from public and private energy companies, governmental institutions, NGOs and academia.

This year, Izmir University of Economics' Sustainable Energy Division will be organizing its sixth annual "Energy Management and Policies" workshop on 11 - 12 May 2017.

The Head of IUE's Sustainable Energy Division Assoc. Prof. Dr. Biresselioğlu stated

that "This workshop series have become a key outlet for the discussion and debate on the contemporary issues related to energy management and policies with a high level participation from relevant stakeholders. Our workshop series combine several keynote speeches on specific topics from key figures together with a number of interactive sessions. This year's theme is dedicated to the challenges and opportunities in the Turkish Energy Market. Therefore, we aim to gather key experts from the energy industry, governmental institutions and sectoral organizations to share their experiences and ideas related to this year's

theme."

Referring to the high level participation, Assoc. Prof. Dr. Biresselioğlu continued his words as follows: "This year's workshop will host senior representatives from Investment Support and Promotion Agency of Turkey, Energy Market Regulatory Authority, Energy Exchange Istanbul, the General Directorate of Renewable Energy, TOBB Natural Gas Assembly, Union of Natural Gas Distribution Companies, and Turkish Wind Energy Association together with senior representatives from several key national and international energy companies operating in Turkey."

Turcas announces investment plans for 2017

Turcas, one of the well-established companies in Turkish energy market, announced business plans for 2017 and criticized the results of 2016. While Turcas will diversify its power generation portfolio in 2017, it will continue to pursue projects that will bring natural gas from abroad.

(Enerji IQ – 25 April 2017) Turcas, one of the most well-known companies in the Turkish energy market and the regional markets, business plans for 2017 and criticized the results of 2016.

Accordingly Turcas' achievements in 2016 are as follows:

- Prolongation of the maturity of the credits provided for the Denizli Natural Gas Combined Cycle Power Plant by two years and thus a reduction of EUR 20 million in principal and interest repayments between 2016 and 2020.
- Providing electricity generation license for the Aydın Kuyucak geothermal power plant project planned to have 18 MW installed power.
- To obtain investment incentive certificate worth TL 144 million for Aydın Kuyucak geothermal power plant project.
- Providing financing of Aydın Kuyucak geothermal power plant project (Total Investment Amount: 71 million 250 thousand USD including financing costs; Loan Amount: 15 million EUR + 40,5 million USD cash and / or non-cash loans & 10 million TL non-cash loans; 14 years, Debt / Capital: 80% / 20%).
- Confirmation of the installed capacity of 18 MW in eight successful drilling events in Aydın Kuyucak geothermal field, six production, two re-injection wells.
- Beginning of drilling activities in Denizli Hacıyüplü geothermal field.
- Turcas Kuyucak Geothermal Electricity Generation Inc., with a share of 46% and a purchase price of 17 million TL, achieving the position of a dominant partner with a 92% shareholding ratio.
- Selling of 5.36% shares of the paid-up capital of Turcas Petrol A.Ş. to Turcas Energy Holding, in Istanbul Stock Exchange wholesale trading market, amounting to TL 20 million.
- Selling of 67% of Turcas Elektrik Toptan Satış A.Ş. to Turcas Petrol A.Ş. and enabling Turcas Petrol A.Ş. to become the sole shareholder.
- Increase the paid-up capital of RWE & Turcas Güney Elektrik A.Ş. from TL 1,072 million to TL 1,527 million, in which Turcas holds 30% of the shares.

Turcas' 2017 forecasts:

- Sustainable operational and financial performance at Shell & Turcas.
- The operation of 18 MW Turcas Kuyucak Geothermal Power plant in the last quarter of 2017.
- Diversification of the electricity generation portfolio with renewable energy investments and geographical expansion.
- Diversification of investment portfolio by focusing on innovative technologies like energy storage, focusing on international markets.
- Participation in tenders if the tender schedule for the wind power plants projects is clarified.
- Continue to develop projects for supplying gas from abroad.
- Distribution of gross dividend amounting to TL 18 million (Dividend return: 3.45% - dividend/market value)
- Merging of Turcas Electricity Generation Inc. with Turcas Petrol A.Ş.
- No action is foreseen regarding the 5.36% share of the company at Turcas Group.

103 MW capacity expansion at Karaburun WPP

Alto Holding's affiliate Lodos Karaburun Electricity Generation Inc. received an approval for their environmental impact assessment (IEA) report application to expand the existing 120 MW capacity of Karaburun Wind Plant to 223 MW.

(Enerji IQ – 18 April 2017) Ministry of environment and Urbanization approved the EIA report of Alto Holding's affiliate Lodos Karaburun Electricity Generation Inc. positively for the project to expand the existing 120 MW capacity of Karaburun Wind Plant to 223 MW.

Lodos electric is expected to start the

project in the second half of 2017 to put the expanded capacity into operation before 2020 to benefit from feed-in tariffs of YEKDEM.

Regulator EMRA, approved the application of Lodos Elektrik to change the corner coordinates of the wind plant in September 2016 for capacity expansion. EMRA's this

decision is accepted as the first decision on amending corner coordinates of the field, as the authority rejected similar applications many times in last years.

In the EIA report, the cost of the project for additional 103 MW capacity with 47 turbines is stated as 540 million TL.

EMRA granted 12 new licenses for natural gas and electricity markets

Turkish regulator EMRA granted 11 licenses for electricity market and one license for natural gas market.

(Enerji IQ – 9 April 2017) EMRA issued 11 licenses in electricity market due to applications concluded in March. EMRA also terminated five licenses and canceled five licenses accordingly.

EMRA issued only one license in natural gas market. According to this, CNG Gaz Sanayi ve Ticaret A.Ş. has been granted CNG sales license for 30 years for the facility within the boundaries of Germencik district of the western city Aydın. Thus, by the end of March, the number of CNG sales licenses increased to 65.

Two OSB distribution licenses were granted in March

OSB (Organized Industrial Zone) distribution license is granted to Ankara Space and Aviation Specialized OSB established within the boundaries of

Kazan, Yenimahalle and Sincan provinces of Ankara, for 49 years.

The second OSB distribution license was granted to Ortaklar OSB established in in Aydın, for 49 years.

Maspo received license for geothermal plant

Maspo Geothermal Energy Plant-IV project, planned to be established within the boundaries of Manisa's Alaşehir district was granted 24 years 10 months 19 days electricity generation license by EMRA.

Within the scope of the project, belonging to Maspo Enerji Sanayi ve Ticaret A.Ş., a geothermal power plant with 10 MW installed capacity will be established.

Remzi Gür is serving as the chairman

of the board of the company with a capital of 60 million TL based in Istanbul.

Egehidro Enerji took over the generation licenses of two HEPP projects

Egehidro Enerji Madencilik Sanayi ve Ticaret A.S is also among the companies that have obtained the generation license in March.

With the decision of the Board dated March 9, 2017, the generation license of 27.4 MW Cakmak HEPP, owned by Ataser Electricity Generation and Construction Co. is registered to Egehidro Enerji.

Egehidro Enerji also took over the generation license of Söğütlü HEPP, which has an installed power of 18.32 MW, from Su-En Enerji Elektrik Üretim A.Ş.

EMRA published draft for rooftop PV installments

EMRA opened a regulation draft for PV panels with a capacity up to 10 kWe, to installed on rooftops.

(Enerji IQ – 10 April 2017) EMRA has proposed a regulation draft for electricity generation based on solar energy that is connected to the same measurement point with the consumption facility. The draft is of great importance for the establishment of rooftop solar panels, which is the biggest shortcoming of the solar sector in Turkey. However the draft does not meet industry expectations.

The regulation draft is not very different from the license-exempt solar plant installation process, and almost foresees the same bureaucracy for the roofs.

A source from a market player conveyed Enerji IQ his written statement as follows:

“We expect EMRA to significantly

revise the draft upon the comments of the market players. Because, the existing draft will not be a sufficient trigger to boost up rooftop PV installments.

Bureaucratic procedures are still very exaggerated for installations and there are tough processes between the relevant distribution companies.”

Germany's success in this area should be taken as an example

Germany's solar installed capacity was increased by 1.2 GW in 2016 and corresponded to the 2% of the global PV capacity expansion in the same year. The annual target of the Federal Government is 2.5 GW. In this way, Germany aims to meet all energy demands in 2025 with a completely renewable energy.

In Germany, the electricity generated from PV panels last year reached to 38.3 TWh, 7.4% of Germany's net annual consumption. The share of renewable energy in electricity generation has increased to 37%. In the sunny days, the electricity generated from the PV panels came in at a profit of 35% of instantaneous demand. On weekends when demand soars, this rate rose to 50%.

As of the end of 2016, Germany's solar capacity has reached 41 GW, which is slightly more than half of Turkey's total installed power:

Closer cooperation and reinforced solidarity to ensure security of gas supply

The Council and the European Parliament reached a provisional agreement on a proposal for a revised regulation concerning measures to safeguard the security of gas supply.

(Enerji IQ – 5 May 2017) The Council and the European Parliament reached a provisional agreement on a proposal for a revised regulation concerning measures to safeguard the security of gas supply. The agreement will have to be confirmed by the member states Permanent Representatives (Coreper).

The general purpose of the regulation is to minimise the impact of a potential gas disruption by improving the cooperation between member states and thus contributing to a better functioning internal energy market. The proposal translates into concrete actions the first dimension of the

Energy Union, "energy security, solidarity and trust".

The proposed regulation, as well as the decision regarding intergovernmental agreements (IGA's), are two of the main building blocks of the Energy Union strategy.

The main new elements of the regulation are:

- enhanced regional cooperation and coordination set on risk-based groups of member states
- mandatory regional preventive action plans and emergency plans, as well

as regional risk assessments, to be prepared jointly by all member states within the same risk-group

- a solidarity mechanism which will have a mandatory application in extreme crisis scenarios
- increased monitoring of provisions in the gas supply contracts
- specific obligations of EU member states towards the Energy Community, as well as Commission powers to coordinate the application of the legal framework between the EU and the Energy Community

OMV Energy continues to operate at its new address

OMV Energy, Austrian energy giant's subsidiary in Turkey, moved to their new office in Istanbul after divesting Petrol Ofisi to Vitol.

(Enerji IQ – 13 April 2017) OMV Energy Trading Co., which operates in the fields of electricity generation and energy trading in Turkey, has moved its new office in Veko Giz Plaza from Petrol Ofisi's office. OMV Energy, one of the leading players in the energy market, will continue its operations in its new office by April.

OMV Energy, which operates in the fields of electricity generation, natural gas and electricity trading and LNG wholesale, will operate in the 37th, 38th, 39th and 40th sections on the 12th floor of Veko Giz Plaza.

Enerco Energy moved to its new address

Enerco Energy, one of Turkey's first private sector natural gas importing companies, moved to its new office in Ümraniye district of Istanbul.

(Enerji IQ – 27 April 2017) Enerco Energy, which received an import license from EMRA to import 2.5 billion cubic meters of natural gas per annum by participating in the contract release tender held by BOTAŞ in 2005, moved to its new office. Since its establishment, Enerco Energy, operating in the Masaldan Business Center in Üsküdar; moved to Terra Plaza on Tantavi Avenue in Ümraniye.

Enerco Energy, which has contract with Gazprom Export LLC until 2022, has a new address:

Tantavi Mah. Menteşoğlu Cad. No: 25 Terra Plaza Floor: 1 Daire: 5-6 34764 Ümraniye / İstanbul



6. ENERGY MANAGEMENT AND POLICIES WORKSHOP

11-12 May 2017



Turkish Energy Market: Opportunities and Challenges

1.DAY

10:00-10:30	Registration	13:30-15:00	Lunch Break
10:30-10:40	Welcome&Opening Speech Assoc.Prof.Dr.Mehmet Efe BİRESSELIOĞLU, IUE Head of Sustainable Energy Division	15:00-15:15	Special Presentation I: "Presentation of Energy-themed 86th Izmir International Fair " Gökalp SOYGÜL, Sales and Marketing Manager IZFAS A.S.
10:40-11:25	Keynote Opening Speeches Yaşar ARSLAN, Chairman of GAZBİR İbrahim AKBAL, Chairman of TOBB Natural Gas Assembly Arda ERMUT, Chairman of Investment Support & Promotion Agency of Turkey (ISPAT)	15:15-17:00	SESSION II: New Investment Strategies in the Turkish Electricity Market and Recommendations Moderator: Fatih YAZITAŞ, Chairman of Market Surveillance Committee Akin ÖZKAN, Country Representative of EDF Anduvap Servet AKGÜN, Co-Founder of Pure Energy Korkut ÖZTÜRKMEN, General Manager of OMV Power Ozan KORKMAZ, General Manager of A Plus Energy Dr. Özlem DÖĞERLIOĞLU İŞIKSUNGUR, Vice President of GENSED
11:25-11:45	Keynote Speaker Aziz CAMCI, Chairman of PETFORM	17:00-17:10	Closing Speech for the First Day Emre ERTÜRK, Managing Director of Enerji IQ Market Information Services
11:45-13:30	SESSION I: The Future of Supply, Demand and Price Dynamics in the Turkish Natural Gas Market Moderator: Dr. Hasan Alma, Head of EMRA Natural Gas Market Department Cem ÖNAL, General Manager of GAZBİR Dilek Özlem ALTINYAY, Gas&Power Rep. for Turkey at Total S.A. Ercüment DUMAN, Deputy Manager of IZMIRGAZ Işık DENİŞ, Deputy Manager of ENERYA Mehmet DOĞAN, General Manager of GAZDAY Rıdvan UÇAR, Head of PETFORM Gas Group Zeyno ELBAŞI, BP Natural Gas Marketing Manager		

2.DAY

10:30-11:00	Keynote Opening Speeches Mustafa Serdar ATASEVEN, Chairman of TÜREB Dr. Oğuz CAN, General Manager of General Directorate of Renewable Energy	11:15-13:00	SESSION III: YEKA Investment Model and the Future of the Turkish Wind Energy Investments Moderator: Dr. Refik TIRYAKI, Head of Group of EMRA Electricity Market Department Ahmet TOHMA, Project Finance Manager of Garanti Bankası Ali KARADUMAN, General Manager of Mogan Energy (Güris Holding) Mustafa Serdar ATASEVEN, Chairman of TÜREB Salim ARSLANALP, General Manager of Polatylol Elektrik Ufuk YAMAN, General Manager of uSens Energy Solutions
11:00-11:15	Special Presentation II: "China's One Belt, One Road Initiative: The Role of Energy" NI XIAOJING, Vice Consul-General of Consulate General of the People's Republic of China in Izmir	13:00-13:15	Closing Ceremony

*Invited speakers are in alphabetical order by name.

Supporters



There is no participation fee and
participation is limited to 250 attendees



RSVP and Detailed Information:
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