



Elder



ELDER

*ELECTRICITY DISTRIBUTION SYSTEM
OPERATORS OF TURKEY*

PREAMBLE

ELDER is one of the oldest NGO's in the electricity sector with its almost 15-year history. Since its establishment, it has aimed to provide contributions to the creation of a free market in electricity. *Our vision is to provide effective participation to the creation of a free market, with a priority given to competition, in the electricity sector and our mission is to ensure that uninterrupted, high-quality, accurately priced electricity distribution services are provided to all users without discriminating among equal parties, as stipulated in our Statute.* ELDER is a common platform that aims at increasing the added value created in electricity distribution activities, improve the service quality and enhance the economic benefits for all the stakeholders mainly the distribution companies and consumers.

We are experiencing simultaneous structural transformations in our sector. We observed such transformations throughout the globe. 100- year-old business model of the sector has changed, dependence on information technologies has increased, competition became fiercer. We expect to have surprise consequences of these major changes in the upcoming period however there is an inevitable consequence which I do not expect to be a surprise for anyone; that is the empowerment of the consumer.

Distribution is a public service. It is our duty as the distribution companies to carry out this public service with the dynamism, service quality and efficiency of the private sector. As ELDER, our priorities are to develop strategies, to identify goals and to realise these goals under cooperation with all stakeholders

Nihat Özdemir

Chairman of the Board

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ELECTRICITY SECTOR in TURKEY

In the First (1963-1967) and the Second (1968-1972) Five-Year Development Plan periods, it was foreseen as a goal in the plan to unite the activities in Turkey on electricity generation, transmission, distribution and trade within an integrated system and under a public institution. In line with this goal and strategy and as per Law No. 1312 and dated 15 July 1970, Turkish Electricity Authority (TEK) was established with the status of a state-owned enterprise to generate, transmit, distribute and trade the electricity need of the country, in compliance with the general energy and economy policy of the government.

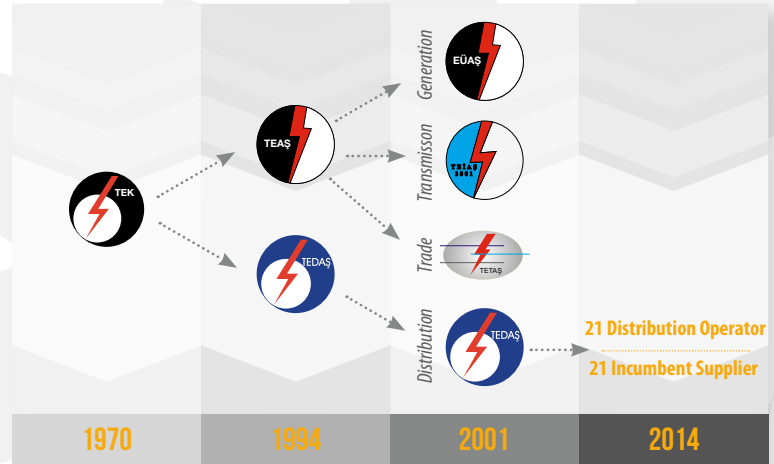
As a result of the Law No. 2705, which entered into force on 10 September 1982, integration was achieved in electric energy when the municipality owned power plants were transferred to the Turkish Electricity Authority.

It was restructured in 1993 in two separate state-owned enterprises as Turkish Electricity Generation and Transmission Corporation (TEAŞ) and Turkish Electricity Distribution Corporation (TEDAŞ) and in 1994; TEAŞ and TEDAŞ were granted legal entities.

In 2001, Turkish Electricity Generation and Transmission Corporation (TEAŞ) was structured as three separate public economic enterprises with the titles of Turkish Electricity Transmission Company (TEİAŞ), Electricity Generation Company (EÜAŞ) and Turkish Electricity Trade and Contracting Corporation (TETAŞ).

TEDAŞ, which has been conducting electricity distribution and retailing activities since 1993, was included in the privatization scope and program in 2004 upon the decision on privatization of these services. The regions of distribution were reidentified again and Turkey was separated into 21 distribution regions.

100% of the shares of the companies operating distribution assets owned by TEDAŞ, and the compulsory elements for the operation of these assets under the scope of operation rights were privatized through share transfer method. Their privatization started in 2008 and completed in 2013. While Electricity Distribution and Retailing Services were being conducted via the distribution companies before, they were started to be provided by separate companies as of 2013.



ELDER – WHAT IS THE ASSOCIATION OF DISTRIBUTION SYSTEM OPERATORS OF TURKEY ABOUT?

Association of Distribution System Operators of Turkey – ELDER- is a non-governmental organization that operates as an umbrella organization, which the electricity distribution companies operating in the country in electricity distribution area are a member of. It carries out electricity distribution activities under the scope of the Association Charter in cooperation with public and private institutions in line with purposes of its establishment.

ELDER conducts researches by taking into account the energy policy in the country, technical requirements, economic developments and the international Laws and agreements on electric energy in order to contribute to development of electricity distribution and retailing services in Turkey in line with the fundamentals of economy stipulated in the Constitution and the Laws and regulations on concession, privatization and energy market. ELDER aims to contribute to improving and extending the standards of these services and mould public opinion and protect the rights and benefits of their members, consumers, the public sector and those they represent.

Vizyon

The goal of ELDER is to make researches, contribute to development and extension of the service by taking into account the economy, energy policy of the country, legal framework and the international Laws and agreements on electric energy and to mould public opinion on electricity distribution and retailing sector.

Misyon

The purpose of ELDER is to work for the execution and development of electricity distribution and retailing services to the benefit of the country, provide the necessary incentives and support, ensure the moral and material protection to contribute to the economic development of its members and the country and promote the initiatives to serve for development of the country in energy area. The activities conducted by ELDER in line with its mission and vision may be summarized as follows:

- To regularly contact with national and international government authorities, commercial and professional organizations and significant decision-makers of and sector and to cooperate with them when required.
- To take initiatives for the development of the sector and follow the latest technological solutions around the world.
- To participate in national legislative work and follow the EU acquis.
- To closely follow the developments in the sector and to manage the media and sector relations.
- To support its members on technical, legal and administrative issues in general.
- To conduct scientific studies and organize courses, conferences and symposiums on electric energy services.
- To prepare books, brochures and other printed publications on electric energy services and members of the Association.

ELDER – SUBJECTS of ACTIVITY

- To carry out technical, social and cultural activities by utilising all legal and scientific procedures and methods including informing the public.
- To hold, support and promote necessary organizations in order to bring together all industrialists, professional organizations and scientific and business circles in this field including the public sector in Turkey and ensure that electricity distribution services are conducted in line with the interests of the country and implementation of these services are improved.
- To indicate the importance of the private enterprise in national economic and social structure according to the energy policies and the relevant legal rules and fulfil its responsibility for the development of the country in line with the national interests.
- To reach the public through such media means as radio and television, newspapers, magazines, books and brochures based on its mission and to organize meetings, courses, seminars, conferences, congresses and panels.
- To organise public opinion polls, questionnaires and to have these made or coordinate them to measure the general information and trends on electric energy.
- To conduct, support and coordinate scientific researches on electric energy services and to have them conducted and inform the society on them.
- To support the events as a sponsor when necessary.
- To make publications to reflect its activities, researches and events and the opinions and thoughts of its members and of the natural and legal persons who are not members but adopt the objective of ELDER.
- To cooperate with the existing and prospective local and foreign private and public institutions, chambers of commerce and industry, professional organisations, foundations, associations, unions and etc.
- To support the R&D activities, the members and the cooperation and power union between the members and the foreign and national universities and research institutions in this regard, to cooperate with these institutions and to be represented in these institutions via the natural persons representing ELDER or to be a founding member in these institutions.
- To establish vocational training facilities and to support the education by taking into account its importance in general and particularly in electric energy services field.

ELDER – SUBJECTS of ACTIVITY

- To receive the opinions of industry, business and scientific circles for strengthening and development of electricity services sector and to convey these opinions to the relevant public authorities and to make contacts and activities to ensure the required protection and incentives.
- To cooperate with the national and international institutions in line with its purpose of establishment and conduct studies utilising the information and documents to be obtained from them, to translate the documents and publications or have them translated and to publish documents and to create a data bank.
- To actively participate in National Energy Councils and regulatory boards on electric energy.
- To establish and operate commercial enterprises to carry out educational and other activities for realizing the Charter objectives.



ELDER – WORKING GROUPS

1. TARIFF WORKING GROUP

GOAL: It is established to create the joint ELDER opinion for revenue arrangement of the Third Implementation Period to start in 2016. 6 sub-working groups were created to assist the Working Group and thus, the studies of the group were supported. The Working Group regularly meets on a monthly basis.

2. AUDIT WORKING GROUP

GOAL: To audit the activities of the distribution companies by the Ministry within the scope of Law No. 6446 on Electricity Market, “Regulation on Reviewing and Audit of Activities of Electricity Distribution Companies” and “Communique on Reviewing and Audit of Activities of Electricity Distribution Companies” that are formed by the Ministry, and to ensure uniformity in the audits, preliminary surveys and investigations to be conducted by Energy Market Regulatory Authority (EPDK) on activities of legal entities operating in electricity market within the scope of “Regulation on Procedures and Principles to be Followed in Audits, Preliminary Surveys and Investigations in Electricity Market” that is drawn up by EPDK and in the audits to be conducted by TEDAŞ under the scope of General Illumination Regulation and General Illumination Communique and in the controls to be carried out by TEDAŞ in line with the Contract on Transfer of Operational Rights (İHDS) and, to conduct activities on the rights and obligations of the parties. The working group meets on the dates they decide themselves.

3. INVESTMENTS WORKING GROUP

GOAL: To develop practices, and legislation in particular, for investments of distribution companies and recommend solutions for the problems in the sites and to share experience. The working group meets on the dates they decide themselves.

4. LEGAL WORKING GROUP

GOAL: To ensure coordination and exchange of information for the ongoing lawsuits of the distribution companies and to support the legislative studies. The working group meets every two months.

5. R&D WORKING GROUP

GOAL: To support the regulatory activities conducted by Energy Market Regulatory Authority to financially support the R&D activities of the distribution companies, exchanging information and developing joint projects in R&D including EU funds. The working group meets on the dates they decide themselves.

6. WORKING GROUP FOR SUPPORTING THE CONSUMERS

GOAL: To develop recommendations with foreign examples to support consumers also stated in Article 17 in Law No. 6446 on Electricity Market and to follow up the processes. The working group meets on the dates they decide themselves.

7. SMART GRID WORKING GROUP

GOAL: To contribute to and participate in the action plan with the smart grid strategy of Turkey and to develop pilot projects. The working group meets on the dates they decide themselves.

8. OCCUPATIONAL HEALTH AND SAFETY WORKING GROUP

GOAL: To conduct studies for elimination of occupational diseases and accidents by joint activities on reviewing the legislation on Occupational Health and Occupational Safety, rights and obligations of employers and employees, health of employees and occupational safety issues. The Working Group regularly meets each month.

9. COMMUNICATION WORKING GROUP

GOAL: Communication Working Group was created to identify the communication needs of the electricity sector and take actions towards these needs, raise awareness of companies after privatization and informing public about the change and improvement after privatization.

Communication Working Group consisting of institutional communicators of electricity distribution companies meets regularly each month with a previously determined agenda. While working on the said agenda items, opinions are exchanged on recent agenda items.

ELDER – R&D PROJECTS

ELDER participates R&D projects through its both national and international cooperation and its significant sectoral knowledge. The R&D projects ELDER is involved in are as follows:

1. HORIZON 2020: SmarterEMC2

Name of Project: Smarter Grid: Empowering SG Market Actors through Information and Communication Technologies

Project Commencement and Final Date: January 2015 – January 2018

Subject: SmarterEMC2 project conducted within the scope of Horizon 2020 which is regarded as the richest R&D program in European Union, started with a meeting held with the project partners in January 2015 in Athens. Distribution companies, universities, gsm operators and technology companies are among the project partners.

Project partners:

1. **AYDEM Electricity Distribution Co.** (*Turkey*)
2. **ELDER – Association of Distribution System Operators of Turkey** (*Turkey*)
3. **Intracom SA Telecom Solutions** (*Greece*)
4. **University of Durham** (*United Kingdom*)
5. **Institute of Communications and Computer Systems** (*Greece*)
6. **Institute of Computer Systems and Engineering of Porto** (*Portugal*)
7. **Thales** (*Italy*)
8. **Aalborg University** (*Denmark*)
9. **Hellenic Electricity Distribution Network Operator** (*Greece*)
10. **Hellenic Telecommunications Organization** (*Greece*)
11. **Fujitsu Laboratories of Europe** (*United Kingdom*)



Main objective of the SmarterEMC2 project with 4 million Euro budget is to make a breakthrough invention in this field by integrating the information and communication technologies into the existing electricity system. Among the particular benefits and project objectives of the smart grid are more active participation of consumers in electricity system through rolling out of implementation of smart grids and, the integration of renewable energy resources. The following are aimed through the project expected to be completed in 2018;

- To establish a multi-level and organized smart grid system with consumers, electricity suppliers and distribution companies,
- To ensure management and communication of electricity consumption as a result of involving consumers in the system through demand response technologies,
- To offer services additional to the grids by including virtual power plant in the market and integrate the renewable resources and the distributed generation into the grids by ensuring communication between smart grid participants,
- To increase the implementation of information and communication technologies and consequently provide such benefits to the participants as energy efficiency,
- To introduce innovative communication and information technologies in pilot regions,
- To evaluate the smart grid road map identified by the EU agencies and to contribute to set the standards,
- To evaluate the communication infrastructure with software and hardware simulation method and to research the limits of the communication systems,
- To ensure that the consumers benefit from an open and a competitive market and develop business models to ensure better cooperation between electricity suppliers and distributors.

Web: www.smarteremc2.eu

2. 7. FRAMEWORK PROGRAM: WindTurBars

Name of Project: WindTurBars Project - Online Intelligent Diagnostics and Predictive Sensor System Integrated within the Wind Turbine Bus-bar structure to aid Dynamic Maintenance Scheduling.

Subject: WindTurBars Project started within the scope of the 7th Framework Program supporting European R&D Technology development between 2007-2013 in European Union.

The importance of renewable energy resources has increased in recent years in terms of sustainability, ecological awareness and energy supply security. Among the renewable energy resources, wind energy is seen as the most rapidly increasing and the most attractive resource with a growing rate of 26% in average since 1990 in terms of electricity generation.



ELDER – R&D PROJECTS

It is set as an objective to obtain 20% of total electricity generation in Europe from the wind within the next 20 years. In this regard, 10-15 GW capacity needs to be added annually in Europe. Certain improvements are needed in efficiency, operation, maintenance and costs in wind turbine technology to achieve this objective. Decreasing the rates of electricity system failures and downtime is an important issue for reduction of costs.

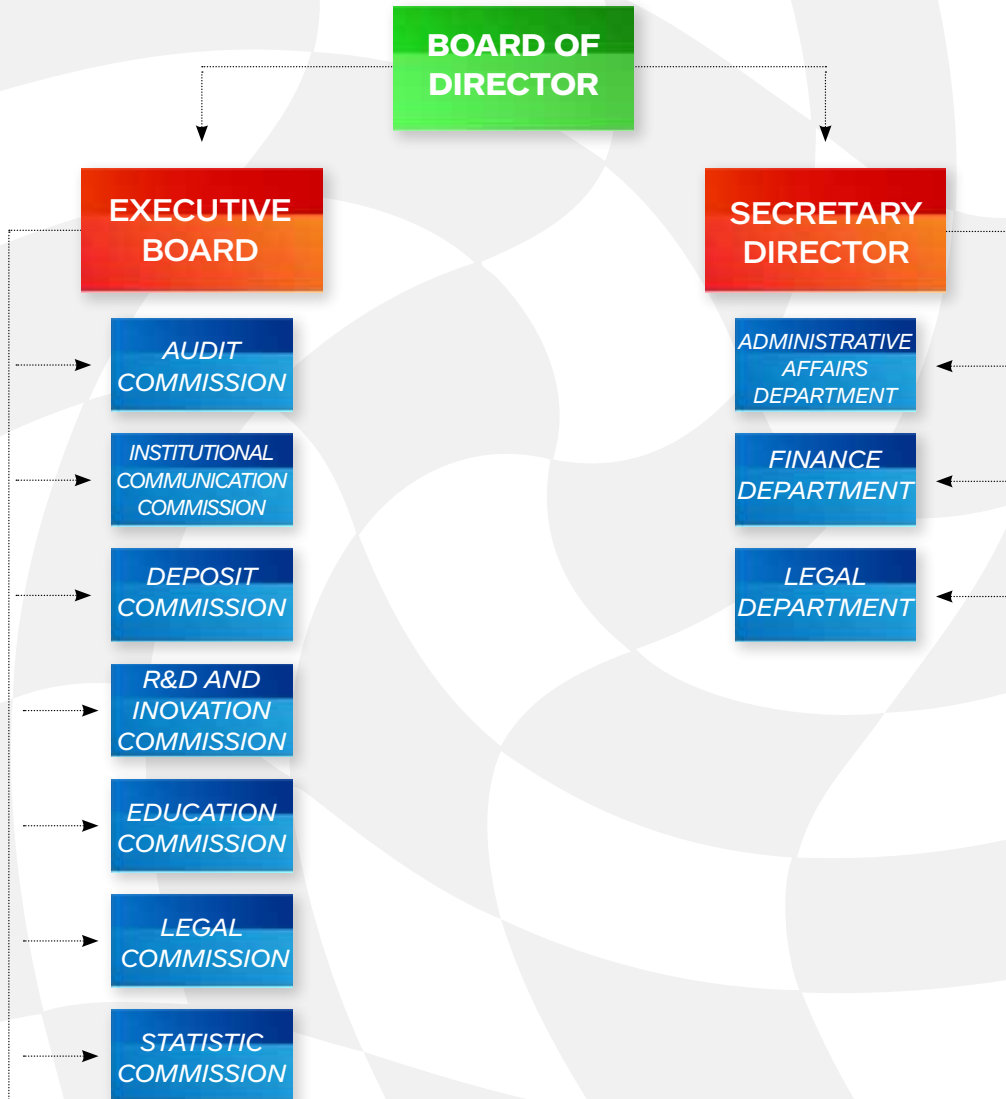
The goal of this project is to develop and present the Online Intelligent Diagnostics and Predictive Sensor System Integrated within the Wind Turbine Bus-bar structure to aid Dynamic Maintenance Scheduling. The significance of the system is that it is able to identify the failure in turbine electricity generation system. Within the scope of the project, electrical condition monitoring system prototype, the first of its kind, was produced and was demonstrated in laboratory environment. As a result of the tests made with the developed prototype, WindTurbars system efficiently detected the electricity failures. In this regard, it is observed that failure durations and electricity generation costs decreased through WindTurbars.

The 8 WindTurBars Consortium partners from 4 different countries are as follows:

- **HV Wooding Ltd** (*United Kingdom*)
- **Inael Electrical Systems SA** (*Spain*)
- **Mikrosay Software and Electronic Energy Industry Trade Inc.** (*Turkey*)
- **The UK Intelligent Systems Research Institute Ltd.** (*United Kingdom*)
- **Instituto Tecnológico de Aragón** (*Spain*)
- **Electricity Distribution Services Association – ELDER** (*Turkey*)
- **Novamina Centar Inovativnih Tehnologija DOO** (*Croatia*)
- **Ventech Systems Ltd.** (*United Kingdom*)

Web: www.windturbars.eu

ELDER – ORGANIZATIONAL SCHEME



ELDER – BOARD of DIRECTORS



PRESIDENT, Nihat ÖZDEMİR - *Uludağ EDAŞ*

Nihat Özdemir was born in 1950 in Diyarbakır. He graduated from Mechanical Engineering Department of Faculty of Engineering and Architecture in Ankara State University and had a master degree in Industry Department of Faculty of Engineering and Architecture in Ege University. He founded the construction firm Limak Inc. in 1976 and has undertaken the works of dams, irrigation facilities, roads, pipelines, treatment facilities and turnkey plant works for public and private institutions in Turkey. Nihat Özdemir currently maintains his position as Chairman of Limak Construction, Industry and Trade Inc. and ELDER President of Board of Directors.



VICE PRESIDENT, Ceyhan SALDANLI - *Aydem EDAŞ*

He was born in Denizli in 1954. Having graduated from Electricity Faculty of İstanbul Technical University, he worked in the public sector between 1975-1980. He was a partner in the foundation of ELSAN Electrical Equipment Industry and Trade Inc. and of TÜMAŞ Marble Inc. in 1985. He entered into the electricity sector with the establishment of AYDEM Inc. in 1991. He founded Bereket Energy in 1995 which was another important step in the energy sector. He currently maintains his position as Chairman in Bereket Group.



VICE PRESIDENT, Serhat ÇEÇEN - *Trakya EDAŞ*

Born in Ankara in 1975, Serhat Çeçen graduated from Department of Management in Ankara Hacettepe University and in the USA. He specialized in international financing in particular during his undergraduate education. Serhat Çeçen worked in different positions and performed various functions in IC İbrahim Çeçen Investment Holding's companies operating in fields of energy, construction, tourism, infrastructure investments and industry. He maintains his position as Chairman of the Management Board for tourism, transportation infrastructure and energy sectors.

ELDER – BOARD of DIRECTORS**MEMBER, Alişan ARIKAN - AKEDAŞ**

Born in Kahramanmaraş in 1967, Alişan Arıkan graduated from the Law Faculty of İstanbul University and Management Economy Institute in İstanbul University. He has served as Deputy Chairman and the Chairman in Arsan Companies Group since 1990. Arıkan is a lawyer registered in Kahramanmaraş Bar Association and Vice Chairman of Textile Assembly of Turkish Union of Chambers Commodity Exchanges (TOBB) and member of Assembly of Kahramanmaraş Chamber of Commerce and Industry, as delegate for Turkish Exporters Assembly (TİM).

**MEMBER, Mehmet CENGİZ - Boğaziçi EDAŞ**

Mehmet Cengiz was born in Rize in 1958. He graduated from Kabataş High School for Boys in 1976. He started his business life as a building contractor in 1975 and worked as the Board Chairman of Cengiz Limited in 1987-1995, Cengiz Construction Industry and Trade Inc. in 1995-1998 and Cengiz Group of Companies in 1998-2007. Cengiz has been holding his position as the Chairman in Cengiz Holding since 2007.

**MEMBER, Ahmet ÇALIK - Yeşilirmak EDAŞ**

Born in Malatya in 1958, Ahmet Çalık started his trade life by establishing Ortadoğu Textile Trade and Industry Inc. in 1981. Çalık made his first sizable investment through the GAP Güneydoğu Textile Industry and Trade Inc. he founded in 1987. He united his group companies operating in energy, telecom, finance, construction, media and textile fields under the roof of Çalık Holding in 1997. Ahmet Çalık maintains his position as Chairman of the Board in Çalık Holding Companies operating in 17 countries currently.

ELDER – BOARD of DIRECTORS**MEMBER, Mükremin ÇEPNİ**

Mükremin Çepni was born in Kayseri in 1963. He graduated from Engineering Faculty of Erciyes University in 1984 and started to work in Turkish Electricity Authority (TEK) Yozgat Business Management Directorate in 1987. He served in various positions after starting to work in Kayseri and Vicinity Electricity Turk Inc. in 1990. He was assigned as the Deputy Chairman and General Director for İstanbul Anatolian Side Electricity Distribution Inc. in 2012 and appointed as the Chairman of Board and General Director for TEDAŞ in 2013. Besides this position, he has been serving as the Chairman for Osmangazi Electricity Distribution Inc. and as the Board Member for the Association of Turkish Electricity Industry as of 2013.

**MEMBER, Ahmet Ümit DANIŞMAN - Sakarya EDAŞ**

He was born in Ankara in 1958. He started his career started as an assistant specialist in the State Planning Organization under Prime Ministry in 1980. He started to work as Business Development Manager in Brussels-based Unit Group in 1992 and continued his career as General Director and the Board Member in the energy companies of this Group in Turkey, Belgium, the Netherlands and Romania. Danışman has been working as the General Director in Akenerji Electricity Generation Inc. and Board Member in the subsidiary companies since January 2008.

**MEMBER, Mehmet GÖÇMEN - Başkent EDAŞ**

Born in Bursa in 1957, Mehmet Göçmen graduated from Industrial Engineering Department in METU in 1981 and had his master degree in Industrial Engineering Department in Syracuse University in 1983. After having served in various positions in Steel Rope and Lafarge companies, Göçmen worked as General Director in Akçansa between 2003-2008. He was the head of the Cement Group between 20 July 2009 – June 2014 and has been serving as the Head of Energy Group since 2014.

ELDER – BOARD of DIRECTORS



MEMBER, Şaban Cemil KAZANCI - Çoruh EDAŞ

Born in 1961, Şaban Cemil Kazancı started to work in their family group of companies. He firstly worked as Manager in generator production and sales field and then he played an active role in the establishment of Aksa Energy that started to operate in 1997 to enhance the energy activities of the Group and to generate electric energy. Besides his position as the Chairman in Kazancı Holding and Aksa Energy, he is also the Board Member in Kazancı Holding and Group of companies.



MEMBER, Haşim KEKLİK

Born in Pertek/Tunceli in 1951, Haşim Keklik graduated as an Electronic Engineer from Istanbul Technical University in 1979. He had his master degree in METU. Keklik was assigned as the Prime Ministerial Advisor for the 54th government on Defence Industry, International Cooperation, Technology Policies, Industrial Investments. He was appointed as General Director and Chairman of Board for TEDAŞ in 2003. He worked in this position for 11 years and retired in late 2013. He was Chairman for Public Employers Trade Union in 2003-2010. He is currently self-employed in energy sector.



MEMBER, Ümit KİLER - Aras EDAŞ

Born in Bitlis in 1970, Ümit Kiler completed his primary and secondary education in Bitlis and high school education in Istanbul. He still continues his education in Communication Faculty in Istanbul Aydın University. He is the Chairman of Kiler Shopping Services Food Industry and Trade Inc. operating in retailing sector for 21 years with its 200 branches in 30 provinces including Istanbul and Ankara. He is also the Deputy Chairman of Board in Kiler Holding Inc. operating in construction, energy and tourism and sugar industry. He is among the founders of Hikmet Kiler Foundation.

ELDER – BOARD of DIRECTORS**MEMBER, Celal KOLOĞLU** - *Çamlıbel EDAŞ*

Born in Elazığ in 1951, Celal Koloğlu graduated from Chemical Engineering Department in METU in 1975. His business life started as the Board Member in Kolin Construction that he founded in 1977. Besides his positions in non-governmental organizations regarding his sector, he served as Turkish Confederation of Employer Associations (TİSK) representative of Vocational Qualifications Management Board between 2010-2012. He has been serving as the Deputy Chairman of Ankara Industrial Chamber since 2005.

**TREASURER, Ali Murat KORKMAZ** - *Gediz EDAŞ*

Ali Murat Korkmaz was born in Ordu in 1960. He graduated from İstanbul University Faculty of Management. He served as a partner and manager in various companies in energy sector. He still holds his position as Chairman for Aydem Electricity Distribution Inc. and Gediz Electricity Distribution Inc. and he also works as a member of Management Board in institutions operating in publication and communication fields.

**MEMBER, Abdullah TİVNIKLi** - *Dicle EDAŞ*

Born in Erzurum in 1959, Abdullah Tivnikli graduated from Mechanical Engineering Department of İstanbul Technical University in 1981 and had his master degree in Management Engineering in the same university. He has been a Member of the Management Board of Kuveyt Türk Participation Bank since 1988 and was appointed as Kuveyt Türk Vice President of the Board in 2001. He is also in management of the family company – Eksim Group.

ELDER – BOARD of DIRECTORS**MEMBER, Kazım TÜRKER** - *Vangözü EDAŞ*

Kazım Türker was born in Ankara in 1954. He started his business life by founding an enterprise in textile sector, the family occupation, while he was 19 years old. He graduated from Department of Civil Engineering of Gazi University. In addition to his investments in textile and retailing sectors, Türker founded Türkerler Construction Inc. in 1993. The company invested in energy and cement sectors in 2000s. Kazım Türker still holds his position as the Chairman in Türkerler Holding Inc.

**MEMBER, Ayhan YAVRUCU** - *Meram EDAŞ*

Born in Develi/Kayseri in 1948, Ayhan Yavrucu graduated from Faculty of Political Sciences in Ankara University in 1972. He started to work in Ministry of Finance within the same year and held his position as an accountant in Accountants Board until 1977. He was assigned various positions in Alarko Group of Companies where he started to work in 1977 and he still holds his position as the Board Member and General Coordinator.

NATIONAL and INTERNATIONAL ORGANIZATIONS WHICH **ELDER** IS a MEMBER OF

TESAB - The Association of Turkish Electricity Industry

TESAB operates to contribute to solve the social, political, technical, legal and institutional problems regarding electricity generation, transmission, distribution, trade and consumption. TESAB is a member of the Union of Electricity Industry in Europe (EURELECTRIC), with the status of National Committee, which carries out lobbying activities in electricity market in EU, and TESAB represents the public and private institutions attached to it, at European level.

GLOBAL SMART GRID FEDERATION

Global Smart Grid Federation was founded in April 2010 to bring together the smart grid initiatives under a single umbrella. The Federation supports the cooperation by building bridges between national and international non-governmental organizations and other institutions to promote R&D in smart grid applications field in particular.

EDSO FOR SMART GRIDS - European Distribution System Operators for Smart Grids

European Distribution System Operators (DSO) gathered under the roof of European Distribution System Operators for Smart Grids association in order to put the smart grids in practice in Europe. The aim of the association is to direct the R&D, policy and legislation activities in smart grids field in Europe. The Association also contributes to development and realisation of large-scale tests of smart grid technologies by building bridges between European Distribution System Operators and the EU institutions.

ISSA - Information System Security Association

Founded in the USA in 1984, ISSA operates in 35 countries with its 141 chapters and more than 10.000 members. ISSA Turkey chapter was established in İstanbul as the 36th country and the 142nd Chapter of ISSA in its 25th foundation anniversary (2013). ISSA holds many seminars and trainings on information security and organizes and participates in many events in many countries on Information Security and Fight against Cyber Crimes.

ELDER – MEMBER COMPANIES and THEIR AREAS of ACTIVITY

ELECTRICITY DISTRIBUTION COMPANIES IN TURKEY



ELDER – MEMBER COMPANIES and THEIR AREAS of ACTIVITY



1. DİCLE EDAŞ

DIYARBAKIR, MARDİN, SİRT,
ŞANLIURFA, BATMAN, ŞİRNAK

2. VANGÖLÜ EDAŞ

VAN, BİTLİS, MUŞ, HAKKARİ

3. ARAS EDAŞ

ERZURUM, ERZİNCAN, KARS,
BAYBURT, ARDAHAN, İĞDIR, AĞRI

4. ÇORUH EDAŞ

TRABZON, RİZE, GÜMÜŞHANE,
GİRESUN, ARTVİN

5. FIRAT EDAŞ

MALATYA, ELAZIĞ, BİNGÖL,
TUNCELİ

6. ÇAMLİBEL EDAŞ

SİVAS, TOKAT, YOZGAT

7. TOROSLAR EDAŞ

ADANA, MERSİN, GAZİANTEP,
OSMANIYE, HATAY, KİLİS

8. MERAM EDAŞ

KONYA, KARAMAN, NİĞDE,
KIRŞEHİR, NEVŞEHİR, AKSARAY

9. BAŞKENT EDAŞ

ANKARA, KIRIKKALE,
ZONGULDAK, BARTIN, KARABÜK,
ÇANKIRI, KASTAMONU

10. AKDENİZ EDAŞ

ANTALYA, BURDUR, ISPARTA

11. GEDİZ EDAŞ

İZMİR, MANİSA

12. ULUDAĞ EDAŞ

BURSA, BALIKESİR,
ÇANAKKALE, YALOVA

13. TRAKYA EDAŞ

TEKİRDAĞ, EDİRNE,
KIRKLARELİ

14. AYEDAŞ

İSTANBUL ANADOLU

15. SAKARYA EDAŞ

SAKARYA, KOCAELİ, BOLU,
DÜZCE

16. OSMANGAZİ EDAŞ

ESKİŞEHİR, UŞAK, AFYON,
KÜTAHYA, BİLECİK

17. BOĞAZİÇİ EDAŞ

İSTANBUL AVRUPA YAKASI

18. KCETAŞ

KAYSERİ

19. AYDEM EDAŞ

DENİZLİ, AYDIN, MUĞLA

20. AKEDAŞ

KAHRAMANMARAŞ, ADIYAMAN

21. YEŞİLIRMAK EDAŞ

SAMSUN, AMASYA, ÇORUM,
SİNOP

DİCLE ELECTRICITY DISTRIBUTION INC. (DİCLE EDAŞ)

ABOUT THE COMPANY

Pursuant to the privatisation of the Turkish Electricity Distribution Corporation (TEDAŞ) through the High Board of Privatization decision dated 2 April 2004 and numbered 2004/22, it was decided to establish Dicle Electricity Distribution Inc. consisting of Diyarbakır, Şanlıurfa, Batman, Mardin, Siirt and Şırnak provinces with the letter of Privatization Administration dated 31 January 2005 and numbered B.02.1.ÖİB.0.10.07/00-991. In pursuit of the said decision, Dicle Electricity Distribution Inc. with the headquarters in Diyarbakır commenced its services on 1 March 2005.

Contract on Sales of Shares about transfer of the 100% TEDAŞ shares in Dicle Electricity Distribution and Retailing Inc. was signed on 28 June 2013 and they were transferred to Dicle Energy Investment Industry and Trade Inc.

SOCIAL RESPONSIBILITY PROJECTS

Dicle EDAŞ has conducted and still continues to conduct a series of activities to raise awareness on the efficient use of energy and the savings in the region where illegal electricity is used extravagantly. Dicle EDAŞ organized photograph and drawing contests on energy saving and energy efficiency in the region and also organized a panel on Energy Efficiency/Waste of Energy in 2015 with the participation of scientists, non-governmental organizations, religious officials, professional organizations and public institutions to that end.

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VANGÖLÜ ELECTRICITY DISTRIBUTION INC. (VANGÖLÜ EDAŞ)

ABOUT THE COMPANY

Vangölü Electricity Distribution Inc. operating in Van, Bitlis, Muş and Hakkari provinces was taken over from Privatization Administration by Türkerler Holding on 26 July 2013 for 30 years. Approximately 514.000 customers are served in 4 provinces, 27 districts and 2703 villages and hamlets that are within the area of its duty and responsibility.

The company distributes electricity in an area of 45.023 km² and aims to provide qualified and uninterrupted energy to all of its customers and to decrease the rates of none-commercial losses which is the most important problem in the region.

SOCIAL RESPONSIBILITY PROJECTS

Social responsibility projects, public relations activities and new negotiation methods are being developed for fight against illegal electricity usage. In this regard, Vangölü EDAŞ organizes meetings with the participation of Territorial Governors, Municipality Mayors, Non-Governmental Organizations, elected heads of neighbourhoods (mukhtar), Religious Affairs Authorities and other Community Leaders in the distribution region. The company also holds information meetings in schools in order to raise awareness of and inform future electricity consumers on energy saving.

Vangölü EDAŞ offers employment opportunities for the the people of Van who are economically disadvantaged and fulfils its responsibility regarding unemployment, the most important problem in the region.

The company was the main sponsor for the organization of “The Most Crowded Breakfast in the World” which was included in the Guinness Records Book and organized in Van. The world record was broken with the participation of 51.793 people in the organization aiming to introduce the region in the country and in the world and to raise awareness on display of positive aspects of the region.

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 **VEDAŞ**
Vangölu Elektrik Dağıtım A.Ş.

ARAS ELECTRICITY DISTRIBUTION INC. (ARAS EDAŞ)

ABOUT THE COMPANY

Aras Electricity Distribution Inc. serves in seven provinces in a wide area of 70.844 km² in eastern region of Turkey. 870.272 subscribers and 2 million citizens are supplied with electricity in Ağrı, Ardahan, Bayburt, Iğdır, Kars and Erzincan provinces, and Erzurum being the centre. Aras EDAŞ serves in this wide are with severe climatic conditions to increase customer satisfaction and supply uninterrupted electricity at good quality, which is very important to sustain regional development.

SOCIAL RESPONSIBILITY PROJECTS

We Are Supporting the Youth Project:

The youth preparing for university entrance exams are brought together with specialised teachers and receive mentoring support.

We Are Supporting the Investors Project:

The aim is to introduce the investment areas of the region, promote and facilitate the access of national and foreign investors to the region.

Heritage Projects:

Projects supporting cultural, historical and social aspects as the symbol of urban heritage are developed in the provinces of the region.

CONTACT INFORMATION

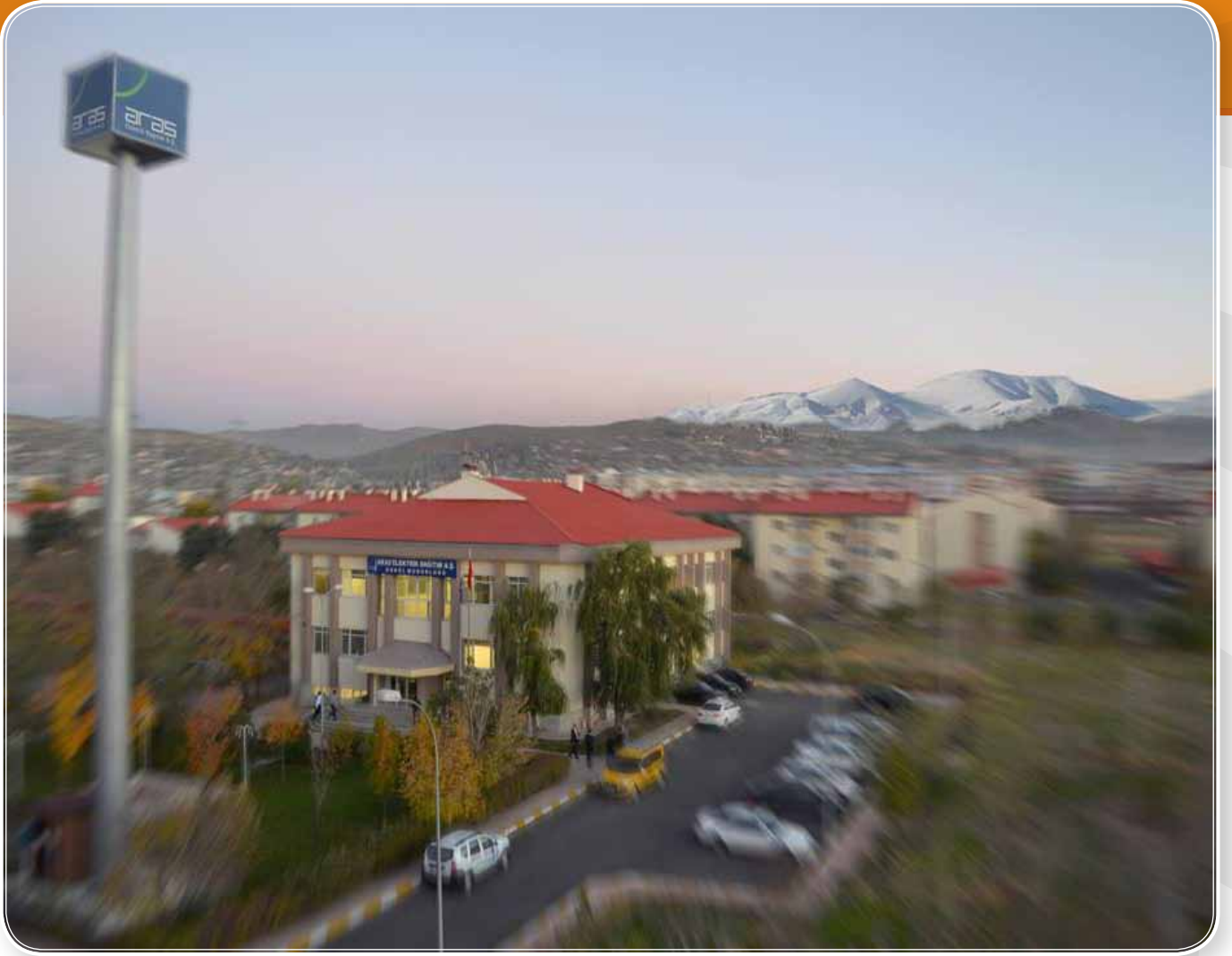
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ÇORUH ELECTRICITY DISTRIBUTION INC. (ÇORUH EDAŞ)

ABOUT THE COMPANY

Çoruh Electricity Distribution Inc. has been conducting electricity distribution services for 1.2 million customers in Eastern Black Sea Region, within the scope of Law No. 6446 on Electricity Market and the relevant legislations of Energy Market Regulatory Authority (EMRA).

Privatization procedures for Çoruh Electricity Distribution Inc. was completed on 1 October 2010 and it started to serve under Kazancı Holding. It provides services with a customer-oriented approach through its consumer services centre and call centres serving 7/24 in the region.

Çoruh EDAŞ gives priority to the region in its investments being an entrepreneur in the region and serves a population of more than 1.8 million in an area of 29.211 km² in Artvin, Giresun, Gümüşhane, Rize and Trabzon provinces. Çoruh EDAŞ has the biggest electricity distribution grid per subscriber in Turkey.

SOCIAL RESPONSIBILITY PROJECTS

Kaptan Ahmet Erdoğan İmam Hatip High School in Güneysu district of Rize province and Ali Metin Kazancı High School in the Centre of Rize were established by Çoruh EDAŞ and started to provide education.

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FIRAT ELECTRICITY DISTRIBUTION INC. (FIRAT EDAŞ)

ABOUT THE COMPANY

It was decided through the Privatization Administration decision dated 1 October 2010 and numbered 2010/86 that the operational rights for 100% shares of TEDAŞ would be transferred to Aksa Electricity Retailing Inc. and the transfer contract was signed on 31 December 2010 and the actual transfer took place as of 1 January 2011.

Firat EDAŞ serves for 828.302 consumers with its 209 vehicles and 900 personnel, in 41 districts and 13 towns in an area of 37.441 km² with a population of 1.681.719 across the provinces of Bingöl, Elazığ, Malatya and Tunceli that are under the scope of its distribution licence. The service is provided through its 43.308 km-long grid in total consisting of 25.032 km-length in low voltage and 18.276 km-long grid in medium voltage and through 10.444 transformers.

SOCIAL RESPONSIBILITY PROJECTS

The company provides sponsorship for many cultural activities in the region and participates in Blood Donation activities of the Red Crescent. Clothing support is also provided for the students in some village schools in the region.

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FIRAT
ELEKTRİK

ABOUT THE COMPANY

100 % of Çamlıbel Electricity Distribution Inc. shares were sold in accordance with the decision of the High Board of Privatization dated 26 July 2010 and numbered 2010/57 and as of 01 September 2010 it commenced services within Kolin Construction, Limak Holding and Cengiz Holding Partners Group. Energy Market Regulation Board (EMRA) has been conducting the electricity distribution activities with the ED/874-23/687 distribution licence it grants in the region.

It serves for a population of 1.8 milion and it has around 880 thousand subscribers in its area of responsibility consisting of Sivas, Tokat and Yozgat provinces. It distributes electricity in a total area of 52 thousand 561 m² which consists of 3 provinces, 40 districts, 2 thousand 428 villages and one thousand 526 hamlets and nomadic groups.

Its investment obligations approved by EMRA for the period between 2011 and 2015 is 256.241.477 TL and as of the end of 2014 it made an expenditure of 250.057.501 TL. An investment worth of 61.836.976 TL will be tendered out for 2015 thus it will havet fulfilled its obligations completely.

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**ÇAMLIBEL
ELEKTRİK
DAĞITIM**

TOROSLAR ELECTRICITY DISTRIBUTION INC. (TOROSLAR EDAŞ)

ABOUT THE COMPANY

EnerjiSA, gave the highest offer of 1 million 725 thousand US Dollars in the tender held on March 15, 2013 for all of the shares of Toroslar EDAS undertaking the Electricity Distribution of Adana, Gaziantep, Hatay, Kilis, Mersin and Osmaniye and became entitled to take it over and the take-over procedures were completed on September 30, 2013.

Toroslar EDAŞ provides services on the distribution line of almost 80 thousand km, which allows almost 7,8 million people living in Toroslar Electricity Distribution region to have access to Electricity Distribution.

Following the take-over, the actions for efficiency and institutionalization have been taken first and then the following actions were completed.

- The infrastructure of all the information systems has been transferred to SAP-based systems. Hence, all the core processes such as operation, investment, human resources, finance and procurement became modern and parallel to the contemporary requirements.
- “Labour Management System” was put into operation and all the field personnel started to carry out their activities through handheld terminals in an integrated manner with SAP systems.
- These services started to be carried out by the company in order to execute more efficiently the core business processes such as index reading, open-cut, fault repair and maintenance previously carried out by subcontractors. Accordingly, more than 2 thousand people have been employed who were subjected to an assessment in parallel to the standard employment processes of the ones having previously worked in the subcontracting companies on term contracts.

EnerjiSA is planning to provide Electricity Distribution services in European standards to the users in the region by putting the projects such as SCADA, CBS, OSOS, Labour Management System and SAP-based new information system infrastructure into operation as well as the network investments to be made in the Toroslar region.

SOCIAL RESPONSIBILITY PROJECTS

With the Energy Efficiency Trainings which started in 2011, EnerjiSA employees have been providing trainings to the primary school students to raise awareness about the efficient use of energy. The Project that started with the trainings reaching out to 750 primary school students in 11 schools in 2011 has been integrated with the “Baskent Energy Movement” conducted by the Ankara Provincial Directorate of National Education in 2012.

As a result of the training activities performed in Baskent, Toroslar and Ayedas regions in 2014, “Energy efficiency” trainings were provided to 190 thousand students.

CONTACT INFORMATION

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www.toroslaredas.com.tr



TOROSLAR

e-on | **BA**BANCI

MERAM ELECTRICITY DISTRIBUTION INC. (MERAM EDAŞ)

ABOUT THE COMPANY

The company was privatized through the Share Sale Agreement of 100 percent signed on October 30, 2009 between the Privatization Administration and the Alcan Energy Distribution and Retail Services, Inc., a partnership of Alarko Holding and Cengiz Holding, and has been operating under the same name (Meram Electricity Distribution Inc.Co.) since then.

Meram EDAS is an Electricity Distribution company that aims to provide contemporary services to its customers with the radical changes it made in the systems and its experienced staff and uses the key information strategies such as SCADA, Geographic Information System (GIS), Customer Information System (CIS), remote reading (AMR) effectively and focuses on smart network investments. In addition to all these, the online services available to consumers, training activities for developing employees' professional skills and occupational security are carried out regularly by the company.

Meram EDAS provides services to 1 million 839 thousand subscribers from a total of 76 locations in a surface area of 77 thousand square meters to 6 cities including Konya, Aksaray, Niğde, Kırşehir, Nevşehir and Karaman where a rapidly growing dynamic industry as well as agricultural production are intensive and distributes about 7.3 billion kWh energy annually.

SOCIAL RESPONSIBILITY PROJECTS

Meram EDAŞ holds exhibitions; brings artists and art lovers together and revives the art and cultural life of the region at its art gallery of 520 square meters in Konya, which has global standards. The art gallery hosted almost 4 thousand visitors in 190 exhibition days.

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BAŞKENT ELECTRICITY DISTRIBUTION INC. (BAŞKENT EDAŞ)

ABOUT THE COMPANY

The company provides services on a distribution line of over 100 thousand square meters in the Bařkent Electricity Distribution Region, the largest Electricity Distribution region of Turkey considering the size of the distribution network and the geographical area of service, in especially Ankara, Kastamonu, Zonguldak, Bartın, Karabük, řankırı, Kırıkkale cities in 2013.

Bařkent Electricity Distribution Region consists of 9 percent of the total amount of electrical energy consumed in Turkey and provides infrastructure operation for approximately 7.8 million people having access to electricity.

EnerjiSA is planning to have 1.5 billion TL investment increasing its investments by approximately two-fold in the period 2011-2015 in Bařkent Electricity Distribution Region compared to the five-year period before the year 2011.

Innovative applications have been conducted to improve the technology-oriented investments and service quality in Bařkent Electricity Distribution Region. The first SCADA automation infrastructure of Electricity Distribution in Turkey was put into operation in Bařkent Electricity Distribution Region. The modules of distribution of SAP ISU application were also put into service. Therefore, Bařkent Electricity Distribution became the first distribution company that created an information system infrastructure by integrating the distribution processes with the institutional resource planning software in Turkey and the processes that would improve the service quality were moved into electronic media through the "Labour Management" system, an SAP-based system. Studies are ongoing advanced automation projects including the geographical information systems and the remote meter reading projects.

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BAŞKENT

e-on | BANCİ

AKDENİZ ELECTRICITY DISTRIBUTION INC. (AKDENİZ EDAŞ)

ABOUT THE COMPANY

While the Akdeniz Electricity Distribution Inc. (Akdeniz EDAŞ) was operating within the Turkish Electricity Distribution of Inc. (TEDAŞ), it was taken under the scope of privatization by the High Council of Privatization and the contract was awarded to Cengiz-Limak-Kolin Joint Venture in the tender held on November 12, 2012 for the privatization of TEDAŞ's 100-percent share. The privatization procedures were completed on May 28, 2013 and Akdeniz EDAŞ started to operate within the partnership of Cengiz Holding, Limak Holding and Kolin Construction.

The company provides electricity distribution services to a total of 1.6 million subscribers primarily in Antalya, the most important tourism center of Turkey, Isparta and Burdur with a service area of 36 thousand 514 km², an aerial and underground line of 48 thousand 414 km².

Akdeniz EDAS pays utmost attention to providing electricity in a sufficient, high quality, continuous, low-cost and uninterrupted way possible and also makes every effort to ensure energy saving and environmental protection.

SOCIAL RESPONSIBILITY PROJECTS

Under the responsibilities of Akdeniz EDAŞ towards its social stakeholders, a Memorial Forest Project of 2 thousand saplings was completed to raise environmental and social responsibility awareness in 2014. In the early 2015, the company initiated the "Bright Future Project" for our children who are the guarantee of our future and concluded the award-winning Energy Saving Contest under the Project.

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AKDENİZ
ELEKTRİK
DAĞITIM A.Ş.

GEDİZ ELECTRICITY DISTRIBUTION INC. (GEDİZ EDAŞ)

ABOUT THE COMPANY

Gediz Electricity Distribution Inc. has been providing continuous and customer satisfaction-oriented services to its 2.8 million subscribers adopting a philosophy of safe, high quality, continuous and environment-friendly services in an area of approximately 25 thousand 882 km² in Izmir and Manisa since May 29, 2013.

The Company has intended to increase the customer satisfaction every day since the very first day of its establishment. Gediz EDAS continues its investments and efforts to provide uninterrupted electricity to all the areas in its service area in this regard.

SOCIAL RESPONSIBILITY PROJECTS

Some of the projects of Gediz EDAŞ that maintains its social responsibility activities for a sustainable life through the projects in the fields of health, culture, arts, education, environmental and sports in order to contribute to the enhancement of quality of life in the region, are as follows:

- Our World Coloured with books
- New Nest for the Storks
- Gediz Electricity Distribution Co. Gives Life to Red Crescent
- Hacivat and Karagöz Explain Energy Efficiency
- Energy Efficiency Activities
- I am not scared of the dark as before

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GDZ | ELEKTRİK
DAĞITIM

ULUDAĞ ELECTRICITY DISTRIBUTION INC. (ULUDAĞ EDAŞ)

ABOUT THE COMPANY

Uludağ Electricity Distribution Inc. started to operate within the Joint Venture of Limak Holding, Cengiz Holding and Kolin Construction Partnership following the completion of its privatization procedures on September 1, 2010. Being mainly in charge of distributing the electricity taken from the transmission lines to citizens on a retail basis, the working principles of Uludağ EDAŞ are set by Energy Market Regulatory Authority (EMRA).

The company carries on its operations in an area of 35 thousand 501 km² with a service area that covers the south of Marmara Region. Providing services to almost a total of 2.7 million subscribers primarily in Bursa, Balıkesir, Çanakkale and Yalova, Uludağ EDAŞ continues to improve its infrastructure day by day. It has the 9 percent of the market share in terms of both the number of customers and the supply amount in the energy distribution industry. In the light of these data, the company carries on its business activities with a philosophy of providing more quality services as the 4th largest distribution company of Turkey.

SOCIAL RESPONSIBILITY PROJECTS

Uludağ EDAS embraces the importance of the human-centered approach in all areas it serves by the motto “uninterrupted energy, uninterrupted communication”. The company has been making great progress in becoming a debonaire social brand that communicates with people taking brand communication as a basis. Uludağ EDAŞ continues to implement social contribution projects in the fields that steer and improve the society such as culture, art, education, environment and sports.

Uludağ EDAŞ organized a photo contest named “City Lights” as its first social Project. The photos winning in the competition held in 2015 for the second time were presented to the taste of art lovers in the Exhibition Hall of EMRA and in the shopping centers and the exhibition spaces in the distribution region. This project was granted the “City Lights” award in the Corporate Communication” category in the HŞÇ Awards organized by Bursa Public Relations Association.

Having a theatre club in the company, Uludağ EDAŞ presents plays for abandoned children for free. The company supports Bursaspor and Balıkesirspor football teams as well.

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ULUDAĞ
ELEKTRİK
DAĞITIM

TRAKYA ELECTRICITY DISTRIBUTION INC. (TRAKYA EDAŞ)

ABOUT THE COMPANY

Trakya Electricity Distribution Inc. which provides Electricity Distribution in the Thrace Region was established in 1995 and taken over by IC ŞÇTAŞ ENERJİŞ on December 30, 2011 as part of privatization.

Trakya EDAŞ renders services to 947 thousand 834 customers in Tekirdağ, Kırklareli, Edirne cities and districts in a total of 26 different locations under the General Directorate and 4 Operational Directorates. Serving to almost 2 million people in an area of 19 thousand 125 square kilometers in the Thrace Region, Trakya EDAŞ increases its investments in parallel to the rapidly increasing population.

SOCIAL RESPONSIBILITY PROJECTS

TREDAĞ SPOR

Trakya EDAŞ started to hold social responsibility projects with the establishment of TREDAS Sports under the Basketball Youth Setup Activities in 1988. The basketball club which continued its activities after the privatization aims to ensure mental and physical development of the sportsmen at the age of primary and secondary school and to raise healthy, self-confident and well-behaved individuals.

The club plays in the youth setup leagues in Tekirdağ in the categories of Junior, Kid, Junior Varsity and Young men with its more than 100 registered players. Many accomplishments have been obtained in the tournaments throughout Turkey as well as the accomplishments in these categories.

IC FOUNDATION

The mission of the Şbrahim Çeçen Foundation that was established in 2004 (IC Foundation) is to make contributions to solving the educational and health problems in Turkey and the increase of level of culture and welfare. Şbrahim Çeçen Foundation aims to help solve the problems in the country through the projects it conducts by cooperating with different institutions and organizations in the fields of education, health, sports, culture and art.

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TREDAS
TRAKYA ELEKTRİK DAĞITIM A.Ş.

İSTANBUL ANATOLIAN SIDE ELECTRICITY DISTRIBUTION INC. (AYEDAŞ)

ABOUT THE COMPANY

EnerjiSA gave the highest offer of 1 million 227 thousand US Dollars in the tender held on March 15, 2013, for all of the shares of Ayedağ and became entitled to take over the company and the take-over procedures were completed on August 1, 2013.

Ayedağ that enables almost 4 million people living in the Asian part of Istanbul to have access to electricity provides services on the distribution line of almost 20 thousand km in 2012.

Following the take-over, steps were taken for efficiency and institutionalization first and then the following actions were completed.

- The infrastructure of all the information systems has been transferred to SAP-based systems. Hence, all the core processes such as operation, investment, human resources, finance and procurement became modern and parallel to the contemporary requirements.
- “Labour Management System” was put into operation and all the field personnel started to carry out their activities through handheld terminals in an integrated manner with SAP systems.
- These services started to be carried out by the company in order to execute the core business processes such as index reading, open-cut, fault repair and maintenance previously carried out by sub-contractors more efficiently. Accordingly, more than 2 thousand people have been employed who were subjected to an assessment in parallel to the standard employment processes among the ones having previously worked in the subcontracting companies on term contracts.

EnerjiSA is planning to provide Electricity Distribution service in European standards to the users in the region by putting the projects such as SCADA, CBS, OSOS, Labour Management System and SAP-based new information system infrastructure into operation as well as the network investments to be made in the Asian part of Istanbul.

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SAKARYA ELECTRICITY DISTRIBUTION INC. (SAKARYA EDAŞ)

ABOUT THE COMPANY

Operating in the field of Electricity Distribution, Sakarya Electricity Distribution Inc. was taken over by AK-CEZ, a joint venture of Akkök Holding and CEZ Group on February 11, 2009. Providing energy distribution services to a total of 3.2 million consumers in an area of 19 thousand 421 square kilometers including 45 districts and 1441 villages in an area of activity consisting of Sakarya, Kocaeli, Bolu and Düzce cities and to 1.5 million consumers with its 1.498 employees, SEDAŞ carries on its investments in order to improve the technical and commercial quality of energy.

SOCIAL RESPONSIBILITY PROJECTS

Internship opportunities are provided to college and university students in the units that Sakarya EDAŞ established in 4 cities and the 3+1 project is supported in the Faculties and Vocational Schools of Sakarya University. Sakarya EDAŞ gives priority to energy efficiency in all its departments and to ensuring and developing implementations on energy saving as well. As part of the environmental responsibility, the company tries to minimize the negative environmental effects of all kinds of devices used in its activities and facilities and to make contributions to the environmental awareness of not only the employees but also the customers. The company managed to minimize the environmental risks that take place by storing the transformer oil carefully and delivering them to the related institutions thanks to its policies implemented for the transformer oil that damages groundwater and soil. The employees of Sakarya EDAŞ carries on the blood donation campaigns in cooperation with the Red Crescent. The company also organized a drawing competition on the safe use of electricity in the region as a social responsibility project in the area of education and security of life and property in conjunction with the Ministry of Education and held this competition in the primary and secondary school level and organized the awards ceremony in cooperation with the Sakarya Governor's Office and the Provincial Directorate of Ministry of Education.

Supporting sports activities in the region as well, the company made a great contribution to sports being a sponsor to the Basketball Tournament of U16 Junior Varsity Basketball Teams.

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ABOUT THE COMPANY

Privatized on June 1, 2010, Osmangazi Electricity Distribution Inc. carries out the Electricity Distribution activities in Afyonkarahisar, Bilecik, Eskişehir, Kütahya and Uşak. The company provides services to almost 2.6 million people totally in 5 cities, 57 counties, districts, 187 towns and 1740 villages in an area of 49 thousand 419 km². Osmangazi distribution region covers almost 2.97 of the energy consumption of Turkey and 4.6 percent of the consumers.

Based on the data of 2014, 8,2 billion kWh energy is consumed in the region annually and the amount of energy provided for distribution is around 6 billion kWh, and the amount of energy actually distributed is around 5,6 billion kWh. The nonprofit electricity rate in Osmangazi region is 7.61 percent in 2014. There are almost 7 thousand 300 distribution transformers,

12 thousand private transformers, 15 thousand 300 km aerial and 985 km underground company Medium voltage lines and 6 thousand km overhead and 250 km 3rd party underground Medium voltage lines.

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BOĞAZIÇI ELECTRICITY DISTRIBUTION INC. (BOĞAZIÇI EDAŞ)

ABOUT THE COMPANY

Boğaziçi Electricity Distribution Inc. (Boğaziçi EDAŞ) that provided electricity to the European side of Istanbul in which the electricity distribution started in 1914 for the first time, started to operate within CLK Energy since May 28, 2013.

As well as being the largest distribution company among the Turkish Electricity Distribution companies with its market share of 14 percent, providing services to the European side of Istanbul, one of the most popular cities in Turkey and in the World, Boğaziçi EDAŞ carries out 24.5 billion kWh of Electricity Distribution to almost 4.3 million subscribers in an area of 3 thousand 573 km².

SOCIAL RESPONSIBILITY PROJECTS

“100 Photo Shots for 100 Years”

Created by the employees of Boğaziçi EDAŞ, “Boğaziçi Photographers” Photo Club held its first exhibition in September 15-20, 2014 with the concept “100 Photo shots for 100 years”. The funds raised in the sales were used for the educational and sports grants for the children of those who lost their lives or got injured in the energy industry and for the needy children. With the activities planned in 2015, it is aimed to increase the number of students benefitting from the grant.

“In-situ Training by Boğaziçi EDAŞ for Vocational High Schools”

Boğaziçi EDAŞ organized a seminar about the Electricity Distribution industry to the students and teachers of Profilo Vocational and Technical Anatolian High School on March 17-20, 2015. In this seminar, an Orientation Training, a Technical Training and an Occupational Health and Safety Training were provided. The students finding the opportunity to practice what they have been taught at school visited Cendere Step-down Central Transformer Station of 4th Regional Directorate of Boğaziçi EDAŞ Çağlayan. The students were informed about the working principles of the transformers. Attaching great importance to on-site trainings for the students of vocational and technical high schools, EDAŞ will keep on hosting other vocational and technical high schools as well.

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BOĞAZIÇI
ELEKTRİK
DAĞITIM

KAYSERİ AND ITS VICINITY ELECTRICITY TURK INC. (KCETAŞ)

ABOUT THE COMPANY

KCETAŞ started to operate as Kayseri and Vicinity Elektriciry Turk Inc. based on the Concession Contract signed on October 11, 1926 in accordance with the Cabinet Decision taken on August 18, 1926 and No: 4022 in order to carry out the electric energy, transmission, distribution and trade services of the residential areas in Kayseri and its vicinity. It is the one and only energy company that began to operate as a privileged private company for 89 years. The company which is handed over to Turkish Electricity Authority (TEK) on November 1, 1982 at the end of the 50-year concession period, took over the electricity operating right of Kayseri and its vicinity and carried out its business activities in accordance with the Electricity Market Law by receiving a Distribution License and Retail Sales License from the Energy Market Regulatory Authority on July 15, 2009 as per the legislation. KCETAŞ has been carrying on its Electricity Distribution activities in line with the duties defined in the license since January 1, 2013 under the principles and procedures on retail-distribution separation of EMRA on September 12, 2012.

Some technological applications and projects carried out within the Company are as follows:

- SCADA
- OSOS (Automatic Meter Reading System)
- CBS (Geographic Information System)
- Master Plan
- Call Centre and Customer Service Centre

SOCIAL RESPONSIBILITY PROJECTS

KCETAS acts as a sponsor and participant in manager trainings, management trainings, technical trainings, Quality System Improvement trainings, Occupational Safety and First Aid trainings, computer trainings, seminars on energy competitions, football, volleyball, swimming, skiing, archery events and national and international energy conferences.

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AYDEM ELECTRICITY DISTRIBUTION INC. (AYDEM EDAŞ)

ABOUT THE COMPANY

The first private company that obtained the Electricity Distribution license in Turkey, Aydem Electricity Distribution Inc. has been providing services to almost 1.7 million subscribers in an area of 32 thousand 726 km² since August 15, 2008 in Aydın, Denizli and Muğla adopting a safe, quality, continuous and environmentally friendly approach.

Since the first day of its establishment, Aydem EDAŞ has aimed to increase the customer satisfaction day by day. The company carries on its efforts and investments to provide uninterrupted electricity to all the areas in its area of service.

SOCIAL RESPONSIBILITY PROJECTS

The company continues its social responsibility activities through the projects implemented in the fields of health, culture-art, education, environment and sports in order to make a contribution to the improvement of life quality in the area of service. Some of the activities are as follows:

- Aydem Electr. Dist. is giving life to Red Crescent
- Organ Donation Campaign
- "Cities of Light" National Photograph Contest
- Hacivat and Karagöz Explain Energy Efficiency
- Energy Efficiency Activities
- "Aydem Electricity is in our life because..." Video Contest
- "Don't let the storks die" Project- Aydem Electricity Distribution Illuminates and greens the service regions
- I am not scared of the dark as before
- Basketball is strengthened with Aydem Energy

CONTACT INFORMATION

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ADM | ELEKTRİK
DAĞITIM

AKEDAŞ ELECTRICITY DISTRIBUTION INC. (AKEDAŞ)

ABOUT THE COMPANY

AKEDAŞ was established by an investor consortium consisting of KŞPAŞ K.MARAŞ THREAD COTTON IND. AND TRD. INC., ARSAN TEKSTILE TRD. IND INC., NAZAR TEKSTILE TRADE IND. INC., ŞSKUR TEKSTILE ENERGY TRADE IND. INC., KURTEKS TEKSTILE ENERGY TRADE IND INC., FARSAN CONSTRUCTION, TEKSTILE IND. TRADE INC. (listed based on the share sizes) in 1997 for an operating right transfer tender in Adıyaman and Kahramanmaraş. In this privatization process, AKEDAŞ reorganized its contracts in line with the new Laws and regulations in the energy market and started to operate on January 1, 2011 by receiving the Distribution and Retail Sale License. While it was making electricity sales only to Adıyaman and Kahramanmaraş until July 1, 2013, now it became a company that sells electricity to all the country.

Today, AKEDAŞ provides electricity distribution services to more than 620 thousand customers in total as Electricity Retail & Distribution Sales Inc. in the rapidly developing area of industry and commerce. The company aims to be the first choice of the eligible workforce by contributing to the employment of the country and the region in line with its mission and vision.

The company aims for customer satisfaction and high quality service that would move the satisfaction to the highest level, in its operations.

In this regard, AKEDAŞ takes firm steps forward with a strong road map that is competent in effective management policy, qualified human resources and prudent investment plans with an organization based on efficiency.

SOCIAL RESPONSIBILITY PROJECTS

AKEDAŞ initiated the actions to open a primary and secondary school with 2 buildings and 32 classrooms in the rapidly developing Üngüt region of Kahramanmaras in an area of 10000 square meters with the motto of "To make sure each child goes to school" via a protocol signed on May 28, 2014. The construction of the school is continuing and is expected to be put into service in the 2015-2016 Academic Year.

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AKEDAS
ELEKTRİK DAĞITIM A.Ş.

YEŞİLIRMAK ELECTRICITY DISTRIBUTION INC. (YEŞİLIRMAK EDAŞ)

ABOUT THE COMPANY

Founded in December 29, 2010, Yeşilirmak Electricity Distribution Inc. has been operating with an innovative and international institutional structure with all its employees in Samsun, Ordu, Çorum, Amasya and Sinop and their districts on the basis of sustainability and customer satisfaction in line with the goals and strategies of the company.

SOCIAL RESPONSIBILITY PROJECTS

Yeşilirmak EDAŞ, continues to revitalize the Black Sea Region with its 14 different Corporate Social Responsibility (CSR) projects. The company aims to be beneficial not only to the area of activity but to the whole country through the economic and social development strategies.

In the meetings and workshops held with the employees in 2012, Yeşilirmak EDAŞ identified the social responsibility areas, the projects and the stakeholders via electronic voting and created the “Strategic Plan” of a KSS projection for 4 years. In the corporate social responsibility projects held by Yeşilirmak EDAŞ in the region, the priorities are as follows;

- Making promises to stakeholders, that do not exceed the possibilities of the institution,
- Ensuring the participation of social stakeholders,
- Encouraging the participation of academic institutions,
- Supporting the participation of local communities, associations and unions as well as the public organizations,
- Participation of the central administration and the public and use of environmental and cultural patterns of the area of activity and supporting human resources.

Setting off with the motto of “Energizing our Energy” in January 2012, the company has been supporting local development through 14 projects matured by the theme of „A Regional Sustainability Development Activity” and planned to be implemented between 2012-2015.

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 **yedaş**
Yeşilirmak Elektrik Dağıtım A.Ş.

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A stylized, low-poly illustration of a city skyline at night. The buildings are dark purple and blue, with some windows glowing in orange and yellow. The sky is a deep purple. The overall style is modern and geometric.

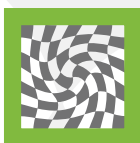
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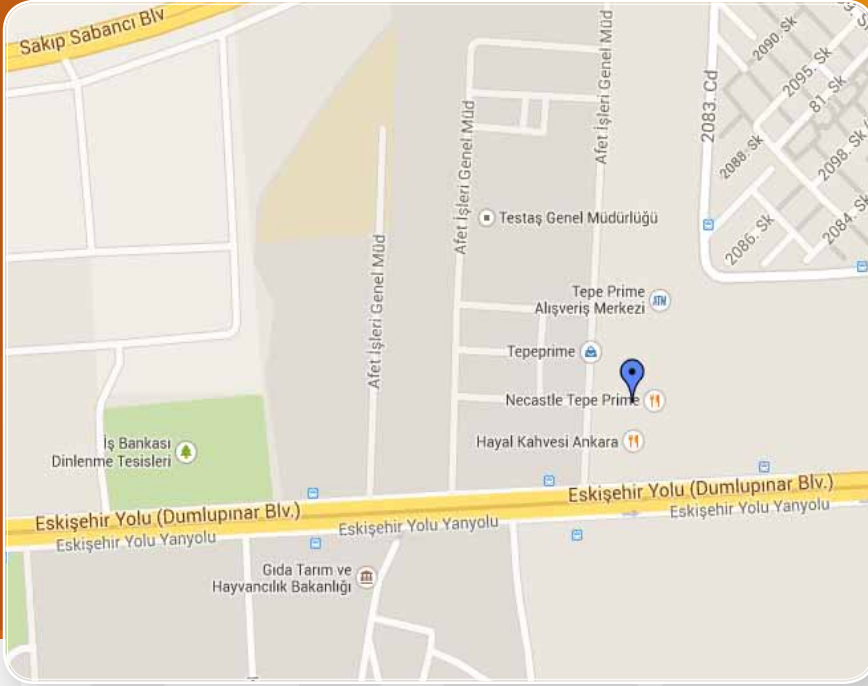
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