broadening horizons...

company profile
Gas Transmission Operator
GAZ-SYSTEM S.A.

company profile
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broadening horizons…
Business Activity Profile

The key task of the Gas Transmission Operator GAZ-SYSTEM S.A. is the transport of gas via the transmission network throughout the country.

Gas Transmission Operator GAZ-SYSTEM S.A. (joint stock company) is a one-shareholder joint stock company of the State Treasury entered on the list of strategic entrepreneurs for the Polish economy that is responsible for security of natural gas supplies through transmission networks.

GAZ-SYSTEM S.A. is a dynamically developing Company on the Polish natural gas market that provides on a non-discriminatory basis, services in the field of transport of natural gas through transmission networks to over 1400 locations in Poland.

The Company belongs to the 150 biggest economic undertakings in Poland according to a ranking conducted by the “Rzeczpospolita” newspaper.

In the ranking of the 400 largest production companies devised by the editorial team of „Home&Market”, the Company was in 59th place whereas in the sub-ranking „Gross Profitability Leaders”, GAZ-SYSTEM S.A. came in second place.

Among 100 companies from the fuel and energy sector, the ranking of „Gazeta Prawna” put GAZ-SYSTEM S.A. in 13th place in terms of profitability (net profit/revenue from sales). The Company also found itself in the top twenty companies with the highest net profit in 2006.
GAZ-SYSTEM S.A. belongs to the 150 biggest economic undertakings in Poland.

Business Activity Profile

The key task of the Gas Transmission Operator GAZ-SYSTEM S.A. is the transport of gas via the transmission network throughout the country in order to supply the distribution networks and the Final Customers connected to the transmission system.

The duties of the Company include the following:

- conducting network operations in a coordinated and effective manner in keeping with the required reliability for supply of gas and its quality,
- ensuring equal access to the transmission network to undertakings participating in the gas market,
- operations, maintenance and the development of the transmission network with due care and protection of the natural environment,
- supplying every system operator: transmission, storage, distribution and the LNG system the adequate amount of information guaranteeing the possibility of conducting transport and storage of natural gas in a manner proper for the secure and safe operations of the connected systems,
- supplying the system users with the necessary information to obtain effective access to the system,
- implementation of other duties and obligations resulting from detailed executive provisions and from the Act of 10 September 1997 the Energy Law with subsequent amendments.

History

The Gas Transmission Operator GAZ-SYSTEM S.A. was established on 16 April 2004 as PGNiG – Przesył Sp. z o.o. – 100% shares of the company were taken over at the time by Polskie Górnictwo Naftowe i Gazownictwo SA (PGNiG).
From that moment, GAZ-SYSTEM S.A. has taken over supervision and responsibility for the transport of natural gas through strategic gas pipelines in Poland. On 28 April 2005, PGNiG passed on all the GAZ-SYSTEM shares to the State Treasury.

The separation of activity connected with the transmission of natural gas from the PGNiG structures resulted from the provisions of the Gas Directive adopted in 2003 by the Council and the European Parliament which required gas companies to separate the technical transmission of gas from turnover and to enable other undertakings to benefit from the transmission network on an equal terms (TPA - Third Party Access Principle). As a result of this process, GAZ-SYSTEM S.A. became one of the first European companies ensuring, in compliance with European Union Directives, actual independence in the field of transmission.

On 30 June 2004 – the President of the Energy Regulatory Office granted a concession to the Company for the transmission and distribution of gas for the years 2004 – 2014.

On 8 June 2005 – the Shareholders Meeting decided to change the name of the Company from PGNiG – Przesył Sp. z o.o. to the Gas Transmission Operator GAZ-SYSTEM Sp. z o.o.

On 1 July 2005 – the President of the Energy Regulatory Office issued a decision by virtue of which the Company obtained the status of gas transmission operator for a period of one year.

On 18 September 2006 – the Extraordinary Shareholder Meeting made a decision to transform the company from a limited liability company to a joint stock company. As a result, it was possible to designate the Company as the gas transmission operator for a longer period. The President of the Energy Regulatory Office passed the relevant decision on this matter on 18 December 2006 and designated GAZ-SYSTEM S.A. as the operator of the gas transmission network until 1 July 2014.
Cooperation with Clients

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Cooperation with Clients

GAZ-SYSTEM S.A. makes every effort for the Clients of the Company to receive comprehensive service in keeping the highest quality standards.

GAZ-SYSTEM S.A., as the gas transmission operator in Poland, has a particular duty in relation to present and future clients resulting from the binding legal provisions within the scope of the services provided by the Company. Thus, GAZ-SYSTEM S.A. makes every effort for the Clients of the Company to receive comprehensive service in keeping the highest quality standards.

Gas transmission

The basic service rendered by GAZ-SYSTEM S.A. is the transmission of gas from given entry points to exit points selected by the shippers on the basis of a transmission contract. In order for the contract to be concluded, a positive outcome of the application for the provision of transmission services is required as is the submission of the necessary documents specified by the Transmission Network Code.

In the event of a connection deficit or an inadequate capacity of the existing transmission system exit point, the Company files an application for the specification of the connection conditions pursuant to the provisions of the Energy Law. Connecting a new point takes place on the basis of a contract concluded between
GAZ-SYSTEM S.A. and the undertaking for which the connection conditions have been specified.

In the past year, GAZ-SYSTEM S.A. performed the service of natural gas transmission for Polskie Górnictwo Naftowe i Gazownictwo S.A., the Mazowiecka Spółka Gazownictwa Sp. z o.o. (from the Wilga gas deposit) and for the Wielkopolska Spółka Gazownictwa Sp. z o.o. GAZ-SYSTEM S.A. has also signed a contract for the transmission of gas with the G.EN Trading Sp. z o.o. company.

Quality control system

On 23 October 2006, the Technical Commission of the Polish Centre for Testing and Certification S.A. conferred the quality certificate to the Company that is valid for 3 years, thereby confirming compliance of the applicable procedures and operating instructions in GAZ-SYSTEM S.A. with the requirements of the Polish PN-EN ISO 9001:2001 Standard – „Quality Management Systems. Requirements” in the field of customer services. The Certificate particularly encompasses the following: disclosing information to the public, issuing transmission network connection conditions, concluding network connection agreements and transmission contracts, as well as the settlement of the services rendered.

The Quality Management System guarantees all eligible Customers, on non-discriminatory terms, the performance of services consisting of the transmission of natural gas from the selected entry point by the shipper to the given exit point, as well as the provision of up-to-date information to system users and operators of other interconnected systems on the conditions of the provision of gas transmission services.

The Quality Management System as an instrument in accomplishing the concept of a responsible business stresses the reliability of the Company in all of its operations and allows the construction of lasting and transparent relations with Clients.

The issuance of the Quality Management Certificate represents a great challenge for GAZ-SYSTEM S.A. for the future as the constant streamlining of the system and the increase of Company effectiveness which will be assessed annually by way of supervision audits, is essential. The Company is aware of the responsibility resulting from the assumed Quality Policy and undertakes all action enabling the retention of current standards that have been confirmed by the Certificate which allow us to further perfect customer services, raise the quality of the services rendered and build partnership relations with our Clients.

The billing system

In the past financial year, GAZ-SYSTEM S.A. implemented a modern billing system that ensures complex customer services. Thanks to this system, the automation of the connection, transmission, settlement and vindication processes is possible. The system allows the management of Client relations by providing full information on the Client and its history, monitoring the connection and transmission service process, running records of contacts, as well as building long-term and good relations with contractors. It is also an instrument that supports the decision making process, allows complex reports and statements to be prepared and enables the cohesion of the measurements and settlement systems.
The Company conducts annual Customer satisfaction surveys which enable alignment of the service levels to the changing customer needs and development of relationships taking into account mutual expectations.

Easy access to information: www.gaz-system.pl

The Company facilitates access to information connected to the business activity conducted to all interested undertakings by collecting it on the following website: www.gaz-system.pl

The website contains information on all the basic and value-added services provided by the Company, a list of all the transmission system entry and exit points, as well as information concerning the available capacity. The website also provides access to the current „Gas transmission service tariff”. The interested Parties, with the help of the calculators available on the website, can calculate the fees for the ordered gas transmission services and gas odorisation services. The www.gaz-system.pl website also provides the formulae and instructions for filling in applications for the specification of connection conditions, for the provision of transmission services, as well as a draft of standard transmission contract.
broadening horizons...
Human Resources Policy

Professionalism and a great diversity of the competencies of GAZ-SYSTEM S.A. employees enable the Company to get to know its Clients and business partner’s needs better.

The staff are one of the most important capital assets of a Company which is why GAZ-SYSTEM S.A. pays a lot of attention to conducting human resources policy that considers the expectations of employees which creates the opportunity for professional development and offers an appropriate motivation system. Experienced and responsible workers make it possible for GAZ-SYSTEM S.A. to ensure the long-term development of the Company and at the same time of the national natural gas transmission system.

The Gas Transmission Operator GAZ-SYSTEM S.A. team constitutes 2174 staff employed in the Head Office and the regional branches of the Company.

Professionalism and a great diversity of the competencies of GAZ-SYSTEM S.A. employees enable the Company to get to know its Clients and business partner’s needs better. The knowledge of the staff of GAZ-SYSTEM S.A. as well as their education, expertise, motivation and involvement constitute the key to success and to reinforcing the position of the Company on the natural gas market.
The Company supports a team and constructive employment culture with open dialogue and cooperation geared towards goal achieving.

GAZ-SYSTEM S.A. wants to be an attractive employer for its staff. An interesting career that requires particular responsibility and engaging tasks and challenges enable the employees of GAZ-SYSTEM S.A. to fully use their potential, knowledge and experience. The Company values the initiative, creativity, involvement and responsibility of every member of staff. Thanks to this, it can solve problems and meet new challenges creatively and more rapidly.

The staff are one of the most important capital assets of a Company which is why GAZ-SYSTEM S.A. pays a lot of attention to conducting human resources policy that considers the expectations of employees which creates the opportunity for professional development and offers an appropriate motivation system.

In the scope of human resources management, GAZ-SYSTEM S.A. accomplished the following projects:

- devising and implementing the Periodic Performance Review (PPR) system along with a complex training cycle for managerial staff and communication directed at employees,
- devising a list of model work positions and their assessment on the basis of valuing criteria that have been adapted to Company needs,
- devising a cohesive remuneration and valuation policy of work positions,
- devising unified recruitment, employment, and development and training procedures.
broadening horizons…
Natural Gas Transmission System

GAZ-SYSTEM S.A. as at 30 April 2007 managed a network of pipelines 14,000 km in length that enables the transport of natural gas to the majority of regions in Poland. There are 15 compressor stations, 60 gas network connection points and over 1250 reduction and measurement stations operating in the natural gas transmission system.

The value of assets that constitute the property of GAZ-SYSTEM S.A. as at 30 April 2007 amounted to PLN 1.2 bn. The remaining part of the assets is used by GAZ-SYSTEM S.A. on the grounds of a long-term lease agreement with PGNiG.

At present, GAZ-SYSTEM S.A. is preparing to buy out the transmission assets encompassed by the leasing agreement and that do not constitute the dividend in-kind for the years 2006 and 2007.

One of the fundamental obligations of GAZ-SYSTEM S.A. as a gas transmission operator is ensuring the continuity and security of gas transmission, creating new conditions for a competitive natural gas market in Poland and ensuring equal access to the network to all gas suppliers and Customers. For this to be possible, it is essential to undertake investments that will enable the adaptation of the trans-
mission system to provide transmission and connection services for the greatest number of Customers and conducting operations and settlements with Contractors in a continuous and reliable manner.

GAZ-SYSTEM S.A. accomplishes these tasks by modernising and developing elements of the transmission system, particularly the following:

- transmission gas pipelines,
- structures of the transmission system: compressor stations, network connection points, gas stations,
- measurement systems installed in entry points to the system,
- measurement systems along with the logistics system serving to control the work of the transmission system and gas balancing,
- system for continuous gas quality control,
- system of collection, exchange and access to information connected with the functioning of the transmission system and the services provided.

**Operations**

Six GAZ-SYSTEM S.A. branches are involved in operating the transmission network throughout Poland.

The safe transmission of natural gas requires reliability and integrity of the transmission system. In the 2006/2007 financial year, it allocated as sum of PLN 200 mn on transmission network investments connected with the modernisation and maintenance thereof.

An efficient system of monitoring of the gas network with the use of modern methods and qualified professional employees of GAZ-SYSTEM S.A. that assess the technical conditions of the system guarantee that the transmission of gas takes place in an uninterrupted and safe manner.

GAZ-SYSTEM S.A. has established the principles of conduct in operating high-pressure gas pipelines – the Transmission Network Operating System (TNOS). This is a collection of interconnected documents providing detailed principles of conduct in performing operating activities for given elements of the high-pressure gas network.

GAZ-SYSTEM S.A. has implemented a centrally located GSRS system enabling the collection of information on the infrastructure and facilities installed at the gas stations.

In the current version, GSRS serves to conduct a register of the gas stations for the needs of operating activities. This registration system encompasses gas stations as a whole and all their constituent elements. The facilities specified in the system is grouped in terms of topics and a hierarchical structure can be created in each of them which enable the precise description of the organisation of the facilities. Any number of specifications as well as documents and photographs can be linked to each piece of equipment.
The implementation of the GSRS system facilitates the collection of information on the condition of the network which is located in one central database (to which authorised employees have access) and it has allowed the division of responsibilities regarding the input of data into the system between given Branches or external undertakings rendering services on the grounds of concluded operational agreements. The GSRS system also enables reports and comparisons to be generated that are used in other areas of Company operations, for example as technical appendices to transmission contracts.

**National Gas Dispatching Centre**

The National Gas Dispatching Centre is responsible for guaranteeing natural gas transmission security in the field of steering the operations of the gas network in accordance with the technical specifications of the transmission system as well as for levelling the gas balance within the transmission services performed. The lengthy experience, qualified workers and an efficient monitoring system guarantee that natural gas is transmitted to Clients in an uninterrupted and safe manner. The main objectives of the National Gas Dispatching Centre include controlling the traffic in the transmission system, monitoring the flow of gas in the transmission system and coordinating, along with dispatching services of the user of transmission services and with the operators of interconnected systems, the operation of the system to ensure to safely delivery of transmission services. GAZ-SYSTEM S.A. also cooperates with dispatching services of suppliers and Customers of natural gas.

GAZ-SYSTEM S.A. has devised a Transmission Network Code (TNC) and conducted consultations with the users of the transmission system concerning the provisions entailed therein. This document was approved in June 2006 by the President of the Energy Regulatory Office (ERO). The Code sets out the regulations in the field of the provision and use of gas transmission services that takes into account all the legal and technical requirements entailed in regulations and provisions concerning the transmission of natural gas. The objective of the TNC is to establish principles that will ensure the safe and reliable supply of natural gas to Customers and to maintain the balance between supply and off-take of gas from the transmission system. The TNC covers the entire technical infrastructure managed by GAZ-SYSTEM S.A. and specifies the rights and obligations of undertakings participating in the process of transmitting natural gas.

As a result of the cooperation of GAZ-SYSTEM S.A. with international companies in the sector, it was possible to conclude operator agreements with Uktransgaz NAK Naftogaz of the Ukraine and OAO Bieltransgaz in Belarus. The agreement with the Ukrainian operator concerned dispatcher cooperation in the field of control on the gas flows in the connection points of the gas systems of Poland and the Ukraine – Drozdowicze, and with the Belarusian operator in connection points in the Polish and Belarusian gas systems – Wysokoje and Tietierowka. GAZ-SYSTEM S.A. has also settled its cooperation with the German transmission system operator ONTRAS – VNG Gastransport GmbH for the Lasów, Gubin and Kamminke points.
broadening horizons...
GAZ-SYSTEM S.A., from the beginning of its business activities, is improving its financial results at the same time enabling the transmission of gas at stable prices.

GAZ-SYSTEM S.A. applies accounting principles in a manner that ensures the reliable and clear presentation of the assets and financial situation of the Company.

<table>
<thead>
<tr>
<th>Basic financial data of GAZ-SYSTEM S.A. as at 30.04.2007</th>
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<tbody>
<tr>
<td>Revenue from sales</td>
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<td>Gross profit</td>
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<td>Net profit</td>
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<tr>
<td>Balance sheet total</td>
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<tr>
<td>Own assets</td>
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The good financial indicators achieved by the Company signify that GAZ-SYSTEM S.A. is effectively using the assets entrusted to it and is conducting a rational financial policy.

**Tariff**

The Company has been providing transmission network services since 1 April 2006 on the grounds of the „Tariff for Gas Transmission Services No. 1 of the Gas Transmission Operator GAZ-SYSTEM S.A.”. This is the first independent tariff of GAZ-SYSTEM S.A. It entails innovative solutions required by the Gas Directive 2003/55/EC that are possible to implement in the Polish legal environment, including short-term contracts, services on interrupted principles and separation of odorisation fees from the rates.

The „Tariff for Gas Transmission Services No. 1 of the Gas Transmission Operator GAZ-SYSTEM S.A.” was established in order to ensure the following:

- coverage of justified costs within the scope specified in art. 45 of the Energy Law Act,
- protection of the best interests of Customers against an unjustified level of prices,
- elimination of cross-subsidisation.

The transmission fee rates have been calculated on the following basis:

- justified costs with division into fixed and variable costs,
- contracted capacity ordered for the binding period of the tariff and planned volume of transmitted gas.

Pursuant to the „Tariff for Gas Transmission Services No. 1”, GAZ-SYSTEM S.A. charges the following fees at exit points in the gas transmission system:

- fixed charge (depending on the contracted capacity),
- variable charge (depending on the volume of gas transmitted),
- subscription fee.

The subscription fee was established to cover the basic costs of the justified trade services towards the Client, particularly the following: taking the readings of measurement systems, calculating and charging amounts due for the supply of gas, issuing invoices, as well as activities connected with the control of measurement systems, keeping contractual conditions and ensuring correct settlements.
Perspectives...

broadening horizons...
GAZ-SYSTEM S.A., as one of the few Companies on the European natural gas market, is responsible for both the management of the transmission assets, the development of the transmission system, as well as for the safe transmission of natural gas through high-pressure gas pipelines. This allows the Company to make long-term and comprehensive action plans connected with guaranteeing the safe transmission of gas and the development of the national transmission system.

The key tasks that GAZ-SYSTEM S.A. is currently undertaking have been specified in the „Policy Guidelines for the Natural Gas Industry” adopted by the Council of Ministers on 20 March 2007. GAZ-SYSTEM S.A. as the Company that is jointly responsible for the energy security of Poland is required to develop the national natural gas transmission system in order to increase its capacity. The Company has already begun preparations for the implementation of investments in northwestern Poland in order to off-take and transmit natural gas to new sources: LNG and direct gas pipeline from Norwegian deposits.
GAZ-SYSTEM S.A. is also preparing to buy out the transmission assets constituting the property of PGNiG that are encompassed by the leasing agreement and that do not comprise the in-kind dividend for the years 2006 and 2007.

The government programme has also specified that the State Treasury shall increase the share capital of the GAZ-SYSTEM S.A. Company by making an in-kind contribution of transmission assets received under a dividend from PGNiG profit for the years 2006 and 2007, which are currently managed by GAZ-SYSTEM S.A. on the basis of a leasing agreement.

The achievements of GAZ-SYSTEM S.A. to date enable the further optimistic planning of development. The results achieved enable the construction of a long-term action strategy and the search for innovative solutions serving the development of the Company and increasing its value. The Company is prepared to face new challenges and to engage in new areas of business activity – to broaden horizons...

**IT projects**

At the turning point of 2006 and 2007, GAZ-SYSTEM S.A. was preparing to commence with the performance of IT projects of a strategic significance for the Company. This included the following projects:

- **ERP System** supporting Company management and the performance of tasks connected with the following areas: financial management, fixed asset management, accounting, human resources management, as well as controlling.

- **The measurement data collection system** increasing the security and enabling the complete automation of data acquisition from measurement points for settlement purposes within a reliable process in which all data changes are registered by the system. Measurement data will be able to be obtained at any time and at any interval without the necessity of incurring any additional expenses.

- **Passport system** serving to record elements of the gas infrastructure and to provide support to operation management. By ensuring access to data concerning the configuration of the gas infrastructure, the system is an ideal element for many other processes in the Company, for instance, for the process of operating gas infrastructure, development planning processes or investment processes.

- **The SCADA gas flow management system** supporting the work of dispatcher services. Thanks to this system, it is possible to provide immediate reaction to sudden, unforeseen situations and to conduct analysis supporting the decision making process concerning the way of managing the gas flows.

- **The IIS Information Interchange System** which has a uniform interface that enables the exchange of information with Clients. Thanks to the implementation of the system the Client will be able to file a nomination and renomination, obtain information concerning settlements and invoices, file documents concerning network connections and gas transmission agreements,
In the planning of investment tasks by GAZ-SYSTEM S.A., the following criteria are considered:

+ security – maintaining the good technical condition of the transmission system,
+ functionality – modernisation and development of the system in order to reduce its operating costs,
+ development – increasing the capacity of the transmission network.

Gas system pipelines

The development of high-pressure transmission pipelines considers, above all, the investments in progress, as well as the preparation and commencement with the performance of projects encompassed by the Operational Programme Infrastructure and Environment – National Cohesion Strategy 2007-2013, priority XI – Energy security.

They constitute the following:

+ Płoty – Karlino – Koszalin – Słupsk – Wiczlino gas pipelines („northern gas main”),
+ Włocławek – Gdynia gas pipeline,
+ Polkowice – Żary gas pipeline,
+ Szczecin – Lwówek gas pipeline,
+ Świnoujście – Szczecin gas pipeline,
+ Gostynin – Płoński gas pipeline,
+ Cavern Underground Gas Storage Mogilno – Odolanów pipeline,
+ Piotrków Trybunalski – Tworóg gas pipeline,
+ Jarosław – Głuchów gas pipeline.

Gas compressor stations

+ development of the Jeleniów gas compressor station,
+ construction of Goleniów gas compressor station,
+ comprehensive modernisation of the distribution and measurement point of the technological part and the Jarosław compressor station.

System connection points

+ modernisation of the Mory, Meszcze, Tworzeń, Zarzakowice, Rozwadów and Odolanów connection points thanks to which these elements will obtain additional functionality in the field of distribution, transmission and measurement of gas flows.
Principal investments undertaken and planned
Principal investments undertaken and planned
Measurement systems – metering the flow and quality of gas

In planning investment tasks, GAZ-SYSTEM S.A. emphasises the performance of projects connected with measurements of both the flow and the quality of the transmitted gaseous fuel, as well as with the implementation of IT tools enabling compliance with the requirements set forth by the Energy Law and the Regulation (EC) No. 1775/2005 of the European Parliament and the Council of 28 September 2005 to be met.

Transmission network connections of structures and places

The largest investments planned to be undertaken in 2007/2008 are:
+ connecting the network of distribution system operators (including in Brzozowiec, Stanowice in the Oława Commune and Cracow),
+ connecting Customers to the transmission network (Saint – Gobain Glass Polska Sp. z o.o. Company, among others),
+ connections involved with the construction and development of underground gas storage (UGS Wierzchowice, among others),
+ preparing new sources of natural gas supplies (including the LNG terminal).

The implementation of the above mentioned investments will most of all enable the improvement in the level of security and reliability of gas transmission with consideration of the future needs of Customers.

GAZ-SYSTEM S.A. on the European Natural Gas Market

The Gas Transmission Operator GAZ-SYSTEM S.A. is a member of many international trade organisations amongst which GIE – Gas Infrastructure Europe, EASEE-GAS – European Association for the Streamlining of Energy Exchange, GERG – European Gas Research Group as well as BALTIC GAS, deserve a mention.

Cooperation with international sector organisations enables GAZ-SYSTEM S.A. to solve significant problems that the Company faces by harnessing the knowledge of international experts for gas issues and benefitting from EU subsidies for certain projects. It also assists in establishing and developing contacts with foreign companies from the gas sector, devising a common policy for European transmission system operators, which makes it possible to participate in the creation of a common gas market based on security principles. It also facilitates access to information on the most innovative technical solutions in the European gas market.
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