

THE ROLE OF ENGLISH IN THE DEVELOPMENT OF THE ENERGY SECTOR

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Abstract: Currently, all economic, social and community sectors in the world are developing rapidly, and this development is supported by one sector. Of course, this is the energy sector. Without the energy sector, that is, without electricity, no sector can be imagined at all. This article will provide information about the role of the English language in the development of the energy sector.

Key words: Energy, world, power, global, english, language, hydropower

Intoroduction

Energy transition is one of the most important megatrends of our time, but it's hard to understand due to its massive scale and complexity. Knowing the basics of the energy system helps to take part in the climate discussion.

About two years ago I was thinking about what I should be when I grow up. Bothered by climate anxiety, I wanted to do my part to curb climate change and make it my life's calling. I wanted to get to the focal point of the challenge – to come up with solutions for emissions reductions that really matter. I landed in the energy sector.

In my initial enthusiasm I devoured information about the energy system and was astonished at how well energy flows could intertwine in the future: for example, clean electricity is cheap in windy weather, so it's feasible to make hydrogen from water. This clean hydrogen can be mixed with carbon dioxide captured from a waste-

to-energy plant's chimney to make fuel for airplanes, for instance. I was ecstatic: this is exactly what gets me out of bed in the morning!

Discussion

Without the energy sector, there are no other sectors. I still consider the energy sector as the world's most important sector. Without the energy sector, there are no other sectors. And without a functioning energy system, we are back in the Stone Age. While it's a basic prerequisite for our modern everyday life, it's remote from our everyday thoughts. Even though every energy production form – from hydropower to wind turbines – has its opponents, we all are increasingly dependent on electricity already today. The demand for electricity is predicted to grow at a very fast rate at a very fast rate

After my initial enthusiasm, however, I noticed that communicating about energy is difficult because of its complexity. At the same time, society's justifiable demand on the energy sector becomes more challenging day by day: "clean up faster, but don't raise the price of energy!" The challenge is huge, and I contend that its scale hasn't been completely understood.

Nevertheless, optimism prevails within the sector – solutions do exist; in fact, it's more a question about the order and pace in which things are done so that it doesn't become too expensive for society. All energy companies also want to be at the top in the post-transition world.

The acceptance of English as a global language.

English is now recognized as a global language, playing an important role in international communication, science, technology, business, education, and culture. Its formation as a global language is associated with historical, economic, and cultural factors.

Historically, the transformation of English into a global language is associated with the expansion of the British Empire and the economic and technological rise of the United States. During the British Empire, English was introduced as an official

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language in many regions. Later, the leadership of the United States in the fields of science and technology led to the widespread spread of English internationally. For example, scientific research and technological news are mainly published in English, which makes English the main means of communication in the fields of science and technology.

The acceptance of English as a global language is significantly manifested not only in the fields of science and technology, but also in the fields of education, business, diplomacy, and culture. English is used as the main language of instruction in many international universities and colleges. It is also the main means of communication in international business and diplomatic relations.

English is also widely used on the Internet and in the media. Many websites, social networks and online platforms operate in English, which further increases the importance of English on a global scale.

However, the widespread use of English as a global language also causes some cultural and linguistic problems. There are risks such as the decline in the importance of local languages and the loss of cultural diversity. Therefore, it is important to preserve local languages and cultures along with learning English.

In conclusion, English today plays an important role as a global language in various fields. Its importance in the fields of international communication, science, technology, education, business and culture is increasing. However, preserving cultural and linguistic diversity in this process also remains a pressing issue.

TRENDS IN THE USE OF FOREIGN LANGUAGES FOR PROFESSIONAL PRIORITY

1. World Energy Congress

Organizer: World Energy Council (WEC)

First held: In 1924

Frequency: Every 3 years

Conference language:

The main language is English.

Some sessions may offer interpretation into other languages (such as French,

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Russian, or Spanish), but all key presentations, discussions, and official documents are conducted in English.

Participants: Energy ministers, CEOs of major energy companies (e.g., Shell, Siemens Energy, TotalEnergies), researchers, and policymakers.

Purpose: To discuss global energy policy, energy transition, sustainability, and energy security.

2. CERAWEEK by S&P Global

Organizer: S&P Global (formerly IHS Markit)

Held annually in March, in Houston, Texas, USA

Conference language:

The entire event is held in English.

All speeches, technical panels, interviews, and public sessions are delivered in English. English serves as the universal language of communication due to the international nature of the participants.

Participants: Executives from companies like ExxonMobil, Chevron, BP, Tesla, Microsoft, as well as government officials and academics.

Topics: Digitization, artificial intelligence, energy security, global oil and gas markets, carbon neutrality, and renewable energy strategies.

About the language of documents such as ISO, IEC, IEEE, IEA

ISO (International Organization for Standardization): While ISO has three official languages (English, French, and Russian), its core documents and standards are primarily developed and published in English. I

IEC (International Electrotechnical Commission): Similar to ISO, the IEC also primarily produces documents in English. I

IEEE (Institute of Electrical and Electronics Engineers): The IEEE's standards development process involves the review of documents in English only.

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IEA (International Energy Agency): While the IEA may have some documents available in other languages, its primary focus is on disseminating information and analysis in English for global energy policy discussions.

Why English?

Global Collaboration: These organizations bring together experts and stakeholders from all over the world. English is the most widely spoken and understood language in many fields, making it the practical choice for international collaboration and communication.

Facilitating Standardization: The purpose of these standards is to establish consistent practices and protocols worldwide. Using a common language helps ensure that these standards are interpreted and implemented uniformly across different countries and cultures.

Accessibility: While there may be translations of certain documents, the English version is usually considered the authoritative version, providing the most complete and up-to-date information.

Summary:

These are the international energy forum and conference.

Both events are held in English, because

English is the international language of communication;

Most participants come from English-speaking or global organizations;

Scientific and technical terminology is standardized in English worldwide.

If you are planning to attend these forums or write a scientific article in the energy field, a strong command of technical English is highly recommended.

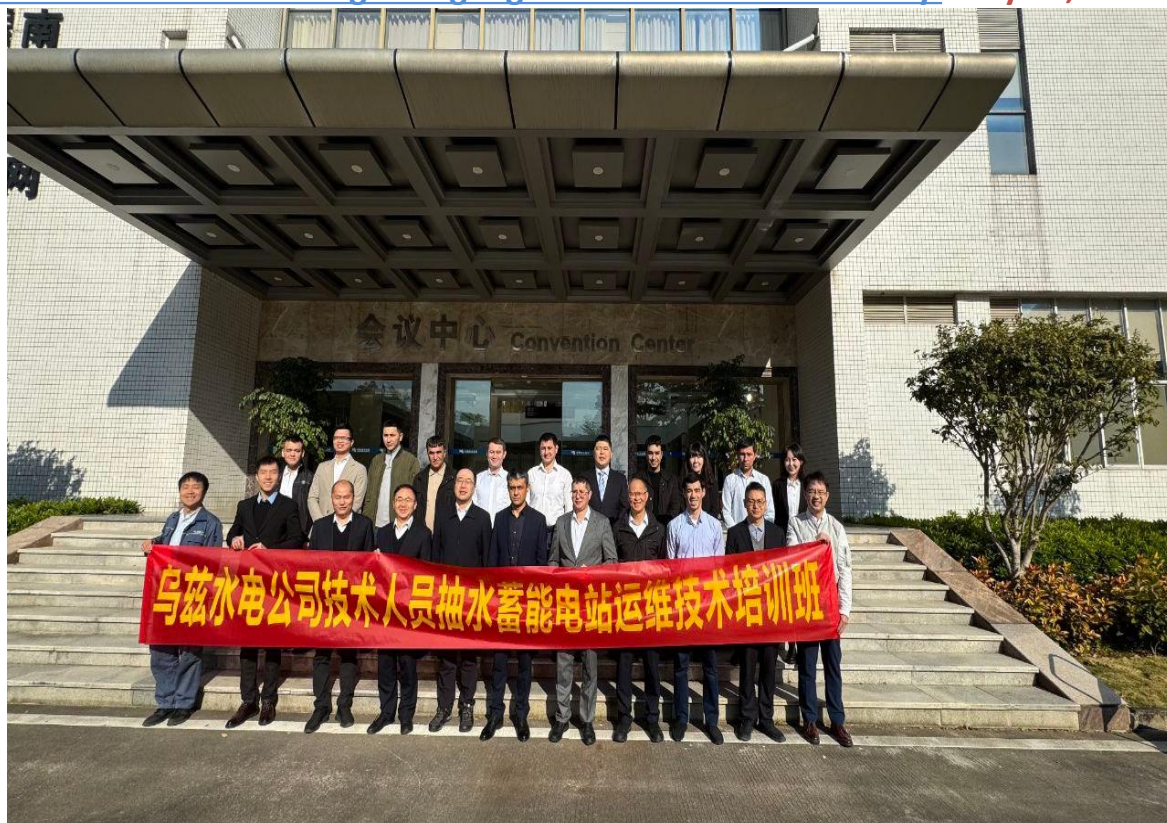
Reforms underway in Uzbekistan



We know that the generation of electricity from renewable energy sources is increasingly developing in our country. This is a rapidly developing area not only in Uzbekistan, but also throughout the world. Because alternative energy sources are an unlimited source of electricity. Therefore, more emphasis is placed on Hydroelectric Power Plants than Thermal Power Plants in our country.

Currently, 81% of the electricity generated in Uzbekistan is generated by thermal power plants, 12% by hydroelectric power plants, and 7% by plants using renewable energy sources

There are 77 hydroelectric power plants in Uzbekistan (as of 2025), but not a single off-shore Hydro Power plant (Hydro Accumulator Power Plant). In connection with the construction of HAPP in Uzbekistan, leading employees of the Ministry of UzHydroEnergy returned from training in China in January-February of this year.



This picture shows a training course on the operation and maintenance technology of pumped storage power plants for technical personnel of a hydropower company. The people in the picture are leading officials of the Ministry of "UzHydroEnergo" and employees of the Chinese HAP

Conclusion

Knowledge of English in the energy sector is not just an advantage, but a necessity for a modern specialist. In today's globalized world, scientific and technical achievements in the energy sector, international cooperation, technological exchange and strategic discussions are mainly conducted in English. Advanced experience and research in all areas, from nuclear energy to renewable energy sources, are published in English. Therefore, a modern energy engineer or researcher is inevitably left out of advanced technologies and innovations if he does not know English perfectly.

International conferences, scientific journals, patent documents and technical documents are often written in English. For example, articles published on prestigious platforms such as IEEE, ScienceDirect, Elsevier provide an opportunity to

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get acquainted with new technologies and implement them in their own country. Knowledge of English is also required for negotiations between energy companies, participation in international projects and tenders, and establishing contacts with foreign partners.

In short, English is the main tool for knowledge exchange, professional development and international cooperation in the energy sector. Specialists who possess it can contribute not only to technological growth, but also to global energy security and sustainable development.

English proficiency offers a significant advantage for engineers in international teams, enhancing communication, collaboration, and career prospects. While technical skills are crucial, strong English language skills, combined with soft skills like communication and adaptability, are essential for success in a globalized engineering field.

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