IREEC
Iran Energy Efficiency Conference

3rd IRAN ENERGY EFFICIENCY CONFERENCE & EXHIBITION

IREEC 2024 OCTOBER 2024

Tehran-IRAN



IrREA
Iran Renewable Energy Association

Preface

for a long term, the lack of attention to the energy efficiency in various sectors of electricity, gas and oil products in industrial, agricultural, household and transportation uses and the growing imbalance of energy production and consumption has become a major challenge of the country. In addition to the waste of large capitals and resources, this process has caused a lot of economic damage to the country and has become one of the main reasons for the country's lack of rapid progress. One of the main challenges of the country's energy sector has been looking at the management of the energy sector and the conflict of institutional interests; In the past years, the optimization and management of energy consumption has also been neglected due to this disproportionate governance and has led to energy imbalance and waste of the country's resources.

It can be predicted that the continuation of this trend will turn from seasonal imbalance (peak consumption) to annual imbalance in the future. In this situation, awareness of the country's future energy trends and developments and national determination to implement strategies to efficiency consumption are very important. In this regard, considering the need to create a consensus among the members of the society and various stakeholders and decision-making institutions, with the aim of examining the various aspects of energy efficiency (electricity, gas and oil products) in the country, In line with its mission, the fuel consumption optimization company has organized an international conference on energy efficiency in Iran in cooperation with associations, trade unions and scientific organizations. With the maximum participation of policy makers, executive and industrial activists, knowledge-based companies, academics and scientific researchers, this conference can be convening gathering of activists in this field to think together and provide a solution for the development of energy efficiency in the country.

In the end, it is hoped that by convening such events and expert discussions, an effective step can be taken in creating national cohesion in efficiency and correcting the energy consumption pattern.

Conference

In the past many years, the lack of energy efficiency in various sectors of electricity, gas and oil products in various industrial, agricultural, household and transportation uses has become a big challenge and in addition to the waste of large capitals and resources in the past and present, the country has fallen into an emergency state of energy supply shortage in various sectors; This trend has caused a lot of economic damage to the country and is one of the reasons for the country's lack of development. Holding a valid event for a partial consensus on the opinions of experts and officials, as well as setting up specialized panels and examining the most important challenges of energy inefficiency in the country from various economic, political, social and technical dimensions can be an effective step in the direction of increasing the efficiency of production, distribution and energy consumption in the country.

Iran's energy consumption optimization exhibition and conference will be held in cooperation with Iran Renewable Energy Association and Fuel Consumption Optimization Company.

This conference will be held in Tehran with the presence of leading domestic and foreign officials, figures and companies in the field of energy efficiency. This gathering can be the biggest gathering of energy efficiency and optimization family in Iran. The executive team of the conference has tried to facilitate the provision of services and products by providing a dedicated space in the form of exhibitions and business meetings, as well as financial support positions, and expressing the capabilities and commercial representation of companies active in this field.



More than 400 participant

More than 50 speakers

2 days full of content

Network meeting

Specialist panels

Goals of the IREEC Conference

- Creating an environment for accountability of various institutions and officials regarding past actions and future plans in the field of energy efficiency
- Summarizing the practical solutions to overcome the current state of energy imbalance in the country and presenting it to officials and different levels of governance
- Media creation about the challenges of efficiency and obstacles in the past years
- Creating a platform to present the opinions and ideas of various stakeholders in the private, industrial, academic and,etc
- Informing and warning officials by presenting a vision of the country's future energy situation according to energy consumption trends and forecasting energy resources in the future of the world.
- Pathology of previous policies and experiences regarding energy efficiency in the country
- Providing international experiences regarding the management of energy consumption in different sectors
- Providing technological achievements of energy efficiency in different sectors



Why participate in IREEC ?



Due to the lack of a comprehensive and credible event with the maximum participation of policy makers, executive and industrial activists, knowledge-based companies, academics and scientific researchers, the annual international conference on energy efficiency in the country;this event can be considered as the largest gathering of activists in this field and a platform for thinking together and presenting solutions for the development of energy efficiency and optimization in the country.

- Providing an opportunity for energy efficiency activists to raise concerns and engage with officials during their presence.
- Convening a focused panel to examine the challenges and issues related to energy inefficiency in the country.
- Delivering the latest policy solutions in the field of energy efficiency.
- Showcasing the latest technological advancements and plans of knowledge-based companies.
- An opportunity





Policy makers
Governmental and public organizations
Scientific and industrial centers
private companies
Professors and students
Contractor companies
Consultants and energy service companies
Equipment manufacturers
Scientific associations and assemblies
Investors
Research institute

and all the activists who are interested and working in the field of energy





industry

Oil, gas, power plants, petrochemicals, metal industries (steel, iron, aluminum, etc.) and construction and mining industries (cement, bricks, etc.)

Transportation

Urban, suburban, rail and air transportation, Intellectualization of transportation, fuel quality, engine optimization, etc.

Building

Architecture and building materials, home appliances, home cooling and heating and...

farming

Agricultural and livestock industries, food and transformation industries, wood and paper industries ...

and other energy consumers in different fields of energy

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Major topics on Energy Efficiency in Iran



Small and less energy intensive Industries
Household appliances, Automotive, Textiles, etc

Agriculture and food industry
Cultivation and livestock, Greenhouse, Food industry, Wood and paper, Fishery, and aquatic, etc.

Construction and mining industries
Cement, Brick, Tile, Ceramic, Plaster, Glass, Lime &, etc

Metal Industry
Iron, Steel, Non-ferrous metals including aluminum, copper, lead, and zinc

Electricity Industry
Initiation of the blend cycle of gas power plants, Renovating outdated power plants, Improving power plant efficiency, Developing renewable energy, Generators for the simultaneous production of electricity and heat &, etc.

Oil Industry
The upstream segments, Oil refineries, Gas refineries, Oil pipelines and product distributions, Gas pipelines, and gas distribution, Chemical petrochemical)

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Major topics on Energy Efficiency in Iran

Efficiency field (Transportation):



Extra-urban transportation

renovation of the extra-urban transportation fleet, including buses, trucks, tractors, etc., railways, sepahtan, smart cargo management system, etc.



Intra-city Transportation Renovation

of the Intra-city transportation fleet, including buses, taxis, motorcycles, bicycles, subway, sipad, electric motorcycles, converting gasoline-powered public cars to natural gas (CNG) ones, etc.

Oil Efficiency

Improving the quality of oil and additives, Kahab plan, etc.



efficiency of road infrastructure

Extra-urban and inner-city roads





Engine Efficiency

Production of low-consumption driving forces in domestic cars and substitute with worn-out vehicles



Changing the mode of transportation

Pipeline instead of road transportation

Reducing fuel consumption in sea and air transportation and improving energy efficiency in this type of transportation



demanding management and intelligentization

Culturalization, Reduction of demand for trips, Developing the cargo and passenger electronic system, etc.

standardization

Engine, Oil, road, etc.



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Major topics on Energy Efficiency in Iran

Efficiency Field (Building)

1 Home Appliances

Substitution and installation of high-efficiency heaters, water heaters, cooking equipment, packages, and boilers

2 shell and architecture

double-glazed windows, implementation of topic 19 of the national building regulations, the requirement to install energy efficiency in newly constructed buildings, compliance with topic 19 of the national building regulations in the national housing movement

3 Facilities

Increasing the efficiency of existing engine houses, Installing high-efficiency boilers, Smartening up central heating facilities, Installing smart meters, etc.



4 Standardization

Heater, Water heater, Cooking stoves, Packages, Engine house, etc.

5 Developing the usage of renewable energy generators in buildings

(Solar water heaters, etc.)

6 Demand management and policy packages

Culturalization, Intelligentization, Implementation of incentive and punitive tariffs, etc.

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Major topics on Energy Efficiency in Iran

Efficiency field
(Industrial and household electricity consumption)

Substitution of the engine of water coolers

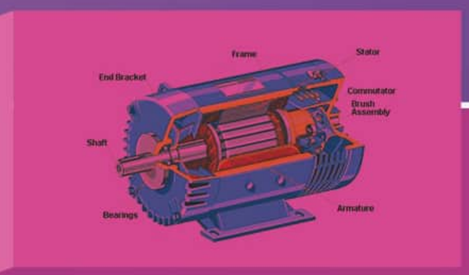




Substitution of low-consumption air conditioners

Substitution of low consumption lights in public roads of cities and villages





Improving the efficiency of industrial electric engines



The efficiency of gas pressure reduction stations



Standardization of electrical appliances in industries and Administrative and residential sector

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Efficiency Field (Oil and electricity energy losses)

Reduction of gas and product transmission losses



Reduction of electricity transmission and distribution losses





Collecting the flare gases



Reduction of resulting losses from the smuggling of petroleum products

Financial support opportunities

1. Diamond sponsors
2. Golden supporters
3. Silver supporters
4. Other opportunities:
   Entry card
   Catering package
   Private dinner company

The presence of high-level political and economical figures, companies and global organizations in international conferences encourages entrepreneurs and Owner's capital to Use the opportunity for speech and showcasing their brand and products in the best way to enhance their status. Also, access to The delicate state of the affair for exclusive talks on the sidelines of the conference can lead to attracting the technical and economical power and Demands of active companies.

The executive team of the International Conference energy efficiency of Iran provides this opportunity to the interested parties by By providing facilities and various access at different levels, so that they can use the Speech Opportunity or display the logo during the conference in different ways, or Use this appropriate occasion to present topics, articles, and networking.

These levels are carefully categorized according to the ability and Requirements of the audience. You can confidently invest in the most specialized international energy efficiency conference in Iran for More visibility.

The experience of the past years proves that the design of a professional program for meetings and speeches has been significantly efficient in the development of businesses.



Energy Efficiency Exhibition



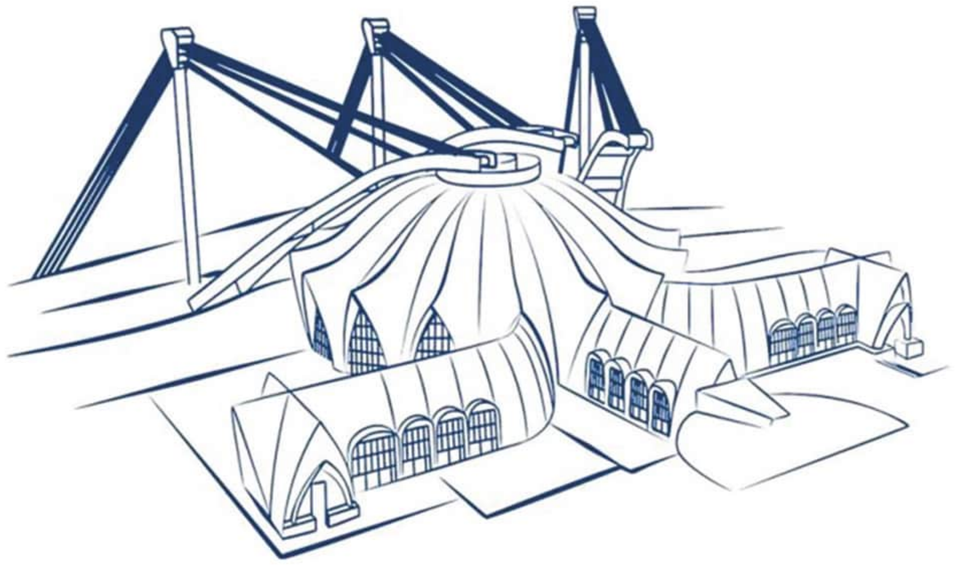








ADDITIONAL INFORMATION



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