



MIDDLE EAST
**ELECTRICITY
SAUDI**
ENERGISING THE INDUSTRY

Incorporating



RENEWABLE ENERGY
ARABIA

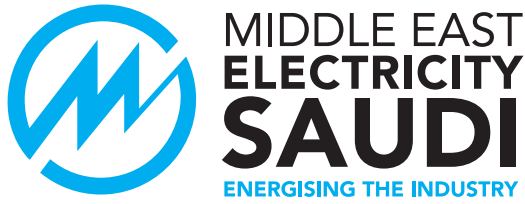
CONFERENCE

AGENDA 2019

YOUR ESSENTIAL GATEWAY TO THE
KINGDOM'S POWER & RENEWABLE
ENERGY SECTOR

2 0 1 9
19 – 21 NOVEMBER
RIYADH, KSA





19 – 21 NOVEMBER 2019 | Riyadh International Exhibition Center



CONFERENCE OVERVIEW

Historically, the main economic driver in the Middle East has always been Oil. The Kingdom of Saudi Arabia is one of the largest oil producers in the world. Oil and Gas revenues have contributed to approximately 42% of GDP and 90% of export earnings in the Kingdom.

However, with the introduction of Saudi Vision 2030, the Kingdom has Grand Plans to Move Beyond Oil and explore more sustainable energy solutions to boost the country's economic development.

In order for Saudi Arabia to continue to thrive in a post-oil economy, the country is looking at foreign investments in the power and energy sector to fund its proposed mega cities, including NEOM which will reinforce Saudi's position as a leading innovator in the region.

With a national population forecast to double to 1.5 billion by 2050, Saudi Arabia is taking steps to transform its economy by heavily investing in renewable energy.

Renewable energy is an important initiative under Saudi Vision 2030. The Kingdom requires SR500 Billion to keep up with energy demands which it is part seeking through renewables. The King Salman Renewable Energy Initiative aims to substantially increase the share of renewables within the Kingdom to 27.3 GW by 2024 and 58.7 GW by 2030.

The program sets out an efficient and targeted road map to quickly diversify the domestic power supply, promote economic development and support long-term prosperity.

The Middle East Electricity Saudi Conference is a key platform providing important insights and knowledge from senior stakeholders, policy makers, industry leaders and solution providers who are driving the energy market forward. The conference offers unparalleled opportunities to network with peers and share ideas on new products, technologies and services.



CONFERENCE IN NUMBERS



7

KEY CONFERENCE TOPICS



300+

ATTENDEES



30+

CONFERENCE SPEAKERS

Benefits of attending

- Review current policy and regulation pertaining to renewable energy projects and electricity generation.
- Address challenges faced in manufacturing solar and wind technologies locally
- Evaluate local funding instruments and opportunities for solar and energy storage projects
- Empower attendees through different case studies presented
- Identify renewable energy investment opportunities in the Kingdom
- Help find regional partners and business matchmaking through 1-1 business meetings

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KEY TOPICS



Diversifying the energy mix in the Kingdom of Saudi Arabia

Diversifying the energy mix by increasing the share of renewables is imperative for the Kingdom of Saudi Arabia to transition towards a sustainable economy. Developing the Kingdom's renewable industry by prioritizing solar and wind as energy sources is pivotal in creating local content and improving employment opportunities. This session will address the energy transition and shed light on the advantages gained from fostering the growth of renewables.



Green energy financing in the Middle East

Lack of financing has always been a roadblock for renewable energy projects. This session will provide insights on the investment scenario for renewables in the region, identify effective risk mitigation methods to improve investor confidence and discuss methods to increase opportunities for institutional and large-scale investments.



Developing effective Smart Metering and Smart Grid strategies

One of the biggest challenges faced when diversifying away from traditional sources of power generation is renewable electricity to grid integration. Devising effective smart grid strategies are integral to successfully harnessing the power of renewables. Forthcoming policy changes on energy subsidies will drive organizations and homeowners to adopt efficient and rational methods when consuming electricity. This session will identify measures to address integration challenges and provide insights on the overarching role by the Saudi Energy Efficiency Programme.



Addressing security vulnerabilities of renewable infrastructures

Important infrastructures such as Oil & Gas facilities, Power and utilities serve as the backbone of an economy. A breach on any of these assets would be crippling to the economy, it is a priority for all nations to ensure there that these facilities always have the highest security protocols in place. Securing renewable infrastructures poses its own specific challenge. This session will discuss the unique vulnerabilities which are symptomatic to renewable energy assets and identify measures to bridge these gaps.



Achieving near zero CO₂ emissions through effective carbon capture, utilization and storage

The world is transitioning away from fossil fuels as an energy source and looking towards aligning themselves with more sustainable energy solutions. Technologies such as Carbon Capture, Utilization and Storage which refers to a process that captures carbon dioxide emissions from sources like coal-fired power plants and either reuses or stores it so it will not enter the atmosphere, will play a crucial role in shaping this movement. Protecting the environment has taken a lead in most public and private sector industries. This session will evaluate how Carbon Capture, Utilization and Storage will play a crucial role in reducing the Kingdom's carbon footprint and serve as an important tool in tackling climate change.

INVITED SPEAKERS (NOT CONFINED TO)





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