

09:00 - 10:00



Holy Quran

Eng. Jassim Khalid Al-Haroon

General Manager of Royal Commission Operation and Maintenance Sector
Welcome note from the Conference Chairman



Khalid A. Al-Tuaimi

Executive Vice President for Power Generation at the Saudi Electricity Company
Keynote Presentation



Dr. Juergen Braunstein

Research Fellow at Harvard Kennedy School
A Geopolitical Perspective on Renewables in Saudi Arabia

Opening Session

10:00 - 10:20

Networking Break

10:20 - 10:40



Dr. Mohammad Alghoul

Professor of Solar Energy at KFUPM
An overview on global and regional growth in energy efficiency jobs

10:40 - 11:00



Yusuf Zafer Korkmaz

Regional Technical Manager at SEL
Challenges and Solutions about Microgrids

11:00 - 11:20



Francisco Ramalheira

Business Development & Marketing Director at Enova
Recipe for Success for Retrofit Projects in the Middle East

11:20 - 11:40



Prof. Dr. Rainer M. Speh

Chief Technology Officer (CTO) at Siemens Ltd. Saudi Arabia
The cellular Concept – An approach to operate grids with high share of renewable energy

11:40 - 12:00



Devendra Patil

Lead Engineer, Hydrocarbon, Process, Hydrocarbon Process Engineering, Petrokemya
Energy & Productivity Improvements in Petrokemya - Success Stories

Challenges and Global Perspectives of
Renewable Energy

12:00 - 12:30

Networking Break

12:30 - 12:50



Khalid Al Dawood

Partner and Managing Director for Energy Efficiency Era Company
Saudi Industrial energy savings' opportunities and challenges

12:50 - 13:10



Dr. Ing. Habil. Falah Alobaid

Head of the Research Group (Institute for Energy Systems & Technology at Technische Universität Darmstadt
Dynamic Process Simulation for Efficiency and Flexibility Improvement of Thermal Processes

13:10 - 13:30



Dr. Muhammad Wakil Shahzad

Research Scientist Water Desalination & Reuse Center, KAUST
The Fallacy of Energy Efficiency for Combined CCGT & Desalination Plants

13:30 - 13:50



Dr. Christian Dresel

CMD Chairman & Managing Director Condensator Dominit GmbH
Protection against voltage dips

13:50 - 14:10



Abdulaziz R. Al-Ghamdi

Utilities & Energy & Sustainability Section Head at TASNEE Petrochemical
TASNEE energy efficiency improvement measures for saving energy & creating better environment

14:10 - 14:30



Abdulmajeed Alshaye

Technology Management Division, Saudi Aramco
Compressed Air Management

Energy Management in The Industry

14:30

Lunch Break

15:30 - 17:00

Next Generation Thermal Power Plant: Experimental Design, Optimization and Validation of Numerical Simulation Models by Dr. Ing. habil. Falah Alobaid

08:00 - 08:20



Anjan Chaudhuri

Connected Services Implementation Leader, Honeywell
Smart, energy efficient buildings for smart businesses

08:20 - 08:40



Ali A. Al-Shubaili

GM Technical Assets Management at Marafiq
Internet Of Things (IOT) – A Technological Revolution For Efficient Energy Management In Smart Cities

08:40 - 09:00



Salman A. Al-Zahrany

Manager, Strategic Supply Planning at MARAFIQ
Preparing The Next Generation Smart Grids For Sustainable Power Supply In Smart Cities

09:00 - 09:20



Dr. Rania Osman

Interior Design Department - Chairperson, JUC- Female Branch
Renovation and improvement of energy efficiency in buildings. Policies and techniques

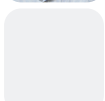
09:20 - 09:40



Arpit Mathur

Engineer, Sustain. & Energy, Process Engineering Department, Petrokemya
Petrokemya, Energy Management system Journey so far -Achievements & lesson learned

09:40 - 10:00



Dr. Asmaa Elantary

Assistant Professor, Jubail University College, Royal Commission of Jubail
Passive Design of Houses in the Southern Region in the Kingdom of Saudi Arabia

Energy Management In Buildings and Smart Cities

10:00 - 10:20

Networking Break

10:20 - 10:40



Dr. Fahad Al-Sulaiman

Director, Center of Research Excellence in Renewable Energy - KFUPM.
Advances in Renewable Energy Policies

10:40 - 11:00



Alfred Walter Haag

CEO of SAB Engineers GmbH
A Novel Cold Storage System – Flexible and Efficient Cold Supply with Stones

11:00 - 11:20



Dr. Fahad Al-Khalidi

Energy Efficiency Chapter, Saudi Council of Engineers
Power Plant Simple Design and Efficiency Calculations Using Thermodynamics

11:20 - 11:40



Eng. Faiz A. Alharbi

Head of Support Section for Small and Medium Enterprises at SASO
The Role of SASO in Energy Efficiency Initiatives

11:40 - 12:00



Mohammad Wathaifi

Energy Optimization Specialist at Saudi Aramco
Smart Thermostat and viable Applications in Saudi Arabia - Technology overview and case study

Energy Optimization and Policies

12:00 - 12:20

Networking Break

12:20 - 12:40



Eng. Tamim A. AlJasir

Business Development Manager at Saudi Guardian International Float Glass Ltd. "GulfGuard"
The Benefits of Energy-Efficient Glass to Saudi Arabia

12:40 - 13:00



Dr. Mohammed Al-Khalidi

CEO of United Gulf Industrial Consult
The Latest Technologies in Energy Savings

13:00 - 13:20



Ahmed Adel

Account Manager at Compressor Controls Corporation (CCC)
Energy Optimization for Compressor Control Systems

13:20 - 13:40



Mohammed Yousef

Regional Manager, KSA & ME at Reynard Lighting
Importance of specialized lighting design & implementation of International Lighting standards & norms in Energy saving measures

13:40 - 14:00



Avinash Gore

Production Engineer at Sadara Chemical Company
Fuel Gas Reduction – Sadara Incinerators | Improvement by Optimizing Operations

14:00 - 14:20



Abdullah AlSubiaie

General Director at Saudi Renewable Energy Association
Achieving operational excellence through hybrid renewable energy systems

Best Practices

14:20

Lunch & End of Conference