

A night-time photograph of an industrial facility, likely a refinery or chemical plant, with numerous tall distillation columns and structures illuminated by warm lights. The scene is overlaid with a complex network of white lines and glowing nodes, suggesting a digital or data-driven environment. The background is a deep blue sky with some clouds.

INNOVATION DAY

KEYNOTE



ABDULLAH AL-JUFFALI
COUNTRY PRESIDENT
SAUDI ARABIA & BAHRAIN
HONEYWELL



WALID AL NAEEM
VP & CHIEF ENGINEER
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AGENDA FOR GENERAL SESSION

09:10 – 09:45

Honeywell Industrial Technology Vision

- How technology enables intelligent autonomous operations across key domains

09:45 – 10:05

Honeywell Process Technology and Energy Efficiency

- The 6-Efficiencies
- Four Pillars For Reducing Emissions
- Technology Revamp Innovation
- Emissions Reduction Roadmaps

AGENDA FOR DIGITAL TRANSFORMATION SOLUTIONS

10:10 – 11:00

Control & Optimize

- What's new in multi-asset optimization across the value chain, bridging AI and controls to safely maximize & sustain output and profitability.

11:00 – 12:00

Intelligent Assets

- Intelligent Assets and Equipment Reliability: Predictive and Proactive operations enabled by traditional and AI models

12:00 – 13:00

Prayers time and lunch break

AGENDA FOR DIGITAL TRANSFORMATION SOLUTIONS

13:00 – 13:50

Workforce Transformation

- Train new generation of workforce using AI/ML and Digital Twins with better time-to-expertise and flawless operations assurance

13:50 – 14:40

Integrated Central Operations

- Collaboration and data driven actions powered by Digital Twins

14:40 – 15:40

Industrial Cyber

- Preparing today for tomorrow's OT threat landscape

15:40 – 15:55

Coffee-break and move to the plenary

AGENDA FOR ENERGY AND SUSTAINABILITY SOLUTIONS

10:10 – 11:00

Decarbonization & Efficiency Improvements of Refining Assets

- Naphtha block
- Hydrocracking
- FCC – Synthesized Air FCC

11:00 – 12:00

Decarbonization & Efficiency Improvements in Petrochemical Assets

- Olefins/Steam Cracker Efficiency Improvement – NEP
- Aromatics
- PDH

12:00 – 13:00

Prayers time and lunch break

AGENDA FOR ENERGY AND SUSTAINABILITY SOLUTIONS

13:00 – 14:40

Hydrogen and Ammonia

- Blue H₂/NH₃; LOHC; H₂ Burners; Zoneflow
- Pathways to low CI Hydrogen and Ammonia
- Advantages of LOHC over NH₃
- H₂ Burner Technology for fired heaters

14:40 – 15:40

Renewables / Low Carbon Fuels

- SAF demand
- Pathways to SAF
- Case study through revamp

15:40 – 15:55

Coffee-break and move to plenary