The Power Industry: Supply Chain and Utilization Challenges of Hydrogen-based Fuels

Working Group

Join Israel Electric Corporation's Working Group

Hydrogen-based fuels are essential for achieving decarbonization objectives, aligning with the global commitment to reducing emissions from power generation facilities. Despite this potential, logistical challenges persist across the hydrogen supply chain.

To achieve the 2050 net-zero goal, Israel Electric Corporation has placed a strong emphasis on exploring ways to integrate hydrogen into its energy generation strategies. Over recent years, significant resources have been dedicated to investigating the cost-effective transformation of natural gas turbines and boilers to hydrogen utilization. This positions IEC at the forefront of the hydrogen revolution, with remarkable outcomes of hydrogen-based combustion initiatives. We are excited to contribute our proven expertise to the working group.

Our goal is to collaboratively address these challenges and explore solutions for integrating hydrogen-based fuels into power utilities, with a special emphasis on evaluating best practices related to the storage, transportation, and utilization of hydrogen.

Working Group Details

Topics for Discussion

- Storage of hydrogen, its derivatives and carriers
- Transportation methods
- Distribution and infrastructure considerations
- Combustion challenges in the context of hydrogen-based power generation

Format

Online meetings
30 min. Guest expert presentation
60 min. Open discussion

Dates

S1: 02/05/24
S2: 06/06/24
S3: 04/07/24
S4: 05/09/24
S5: 10/10/24

We are seeking partners who are actively exploring ways to incorporate hydrogen-based fuels and will contribute to the discussion.
We look forward to your participation and contribution.

For more information and registration please contact:
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