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Title of Presentation : Bringing Decarbonization to Life™

Presentation Abstract :



Decarbonization of industries proved to be a continued challenge in the Asia Pacific Region with the existence of technical and economic hurdles. The attractive profit margins of industries are putting decarbonization motivation to the test due to the lack of incentivization of decarbonization strategies. With the battery limits of each site, there are certainly opportunities for the digitalization of energy management systems, energy efficiency improvement, and carbon mitigation. There is a need for cross-sector efforts within industrial clusters to explore decarbonization strategies and roadmaps between companies. In my presentation, I will address the need for a structured approach to develop pragmatic decarbonization strategies inside battery limits and within an industrial cluster. The presentation will also highlight the role of digital energy management systems in timely compliance reporting, GHG credit accounting, and the optimization of energy supply to minimize emissions and costs, including emerging renewable energy sources.