

INVITATION TO THE LIVE WEBINAR

Modeling Gas Challenges in Competitive Market

Gas Contract and Supply Planning | Stochastic Gas Storage Valuation | Co-optimisation of Gas and Power Markets

30th June | 11am UK | 12 pm Croatian (CEST)

AGENDA:

- 5-7 minutes – Moderator:
DAVOR MATIC, M.Sc., Vice-President of Croatian Gas Association (CGA): Introduction from CGA moderator about the event, topic, and the speakers.

- 15 minutes – Speaker 1:
TRACEY GRANGER, Lead Energy Market Analyst for Energy Exemplar
Co-Optimisation of Electricity and Gas Markets

Content:

- Electricity and gas markets have traditionally been modelled separately
- New game-changing technologies are converging the markets and arbitrage opportunities will increase.
- Future market analysis will require electricity and gas markets to be modelled by co-optimisation to be able to capture these linkages. Are they too valuable to ignore?

- 15 minutes – Speaker 2:
Dr. MICHAEL THOMADAKIS, Partner, Energy Sector for Grant Thornton
Modelling gas and power markets in Greece, with the view to assess LNG impact

Content:

- With the operation of TAP at the end of 2020, the ongoing construction of IGB, the anticipated FID for FSRU Alexandroupolis and the forthcoming auctions for the capacity allocation of Revythoussa, currently the only EU operating LNG terminal in SEE, gas, and especially LNG, will probably have a very important role for the energy sector in Greece and its neighbouring countries.
- With this ongoing study, using the newly established regional gas and power market model in Plexos, Grant Thornton tries to assess the impact of various evolutions related to decarbonization and climate policies of the countries in the region around Greece, in view of the implementation of the electricity Target Model in SEE and the Energy Community.

- 15 minutes – Speaker 3:
IOANNIS CHRISTODOULOU, Senior Energy Market Analyst for Energy Exemplar –
Gas storage optimisation and uncertainty

Content:

- Real-world problems are often characterized by the fact that the decision makers may take actions only at specific points in time where profits/costs/security of supply and other system conditions occur and include uncertainty. In this presentation we will discuss how PLEXOS can deal with such problems and uncertainty leveraging the Monte Carlo and stochastic optimization capabilities of the tool.

- 15 minutes – Speaker 4:
Dr. ANDRZEJ SIKORA, Chairman of the Board for Energy Studies, Instytut Studiów Energetycznych –
LNG perspective for Central and Eastern Europe

Content:

- A rise in global LNG supply due to sluggish demand in Asia, two warm winters and reduced industrial demand due to the coronavirus pandemic, have resulted in unusually high European Gas stocks - Oversupply in Europe. LNG deliveries are expected to be lower in July. Few dozens of cargoes for loading in the United States have been cancelled for June and July. August seems to be difficult as well.
- Natural gas is no stranger to negative prices in Europe. U.K.'s NBP plunged below zero in 2006 after a pipeline opened for commercial imports from Norway. In the U.S., associated gas, a byproduct of shale drilling, has periodically gone negative due mainly to increased production coming up against limited transport capacity at places such as the Waha Hub in West Texas. Infrastructure in Eastern Europe is not fully utilized even by Gazprom. So what will be LNG perspective for CEE?

- 5 minutes - **Round table with Speakers;** on the topic with some prepared questions from the audience
- 10-15 minutes – **Live Q&A;** from audience with moderator picking relevant questions

Registration for the webinar is free of charge.

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