

# IEA Brazil Gas Workshop 2019

Towards modern transmission & distribution services in Brazil  
*Modernização dos serviços de transporte e distribuição no Brasil*



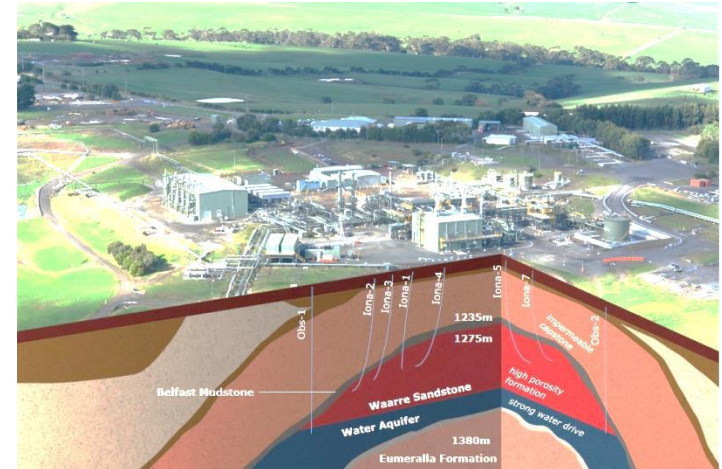
## Session 4 - Gas Storage

Moderator: Mario Jorge Figueira Confort, DSc.

Brasília/DF  
23/10/2019

# Underground Gas Storage

- *Meet Seasonal Demand*
- *Meet Peak Demand*
- *Gas supply assurance (temporary disruptions)*
- *Emergency periods*
- *Infrastructure optimization*
- *Financial Purposes*



# **New Gas Market**

*Government Program to promote an  
**Open**  
**Dynamic &**  
**Competitive Natural Gas Market***



## ***New Gas Market***



- *Decree 9.934 /2019 (Natural Gas Market Opening Committee )*
- *Term of Commitment – Petrobras and CADE (Antitrust Authority) – end monopoly;*
- ***CNPE Resolution 16/2019: promote competition in Gas Market***

## ***CNPE Resolution 16/2019 & UGS***

- *Principles (art. 1º)*
  - *Security of supply*
  - *Mitigate conditions that promote different prices*
  - *Promote competition*
  - *Improve liquidity*
  - *Integration between electricity and gas sectors*

## **CNPE Resolution 16/2019 & UGS**

- *Transition to competitive market (art. 2º)*
  - *Create conditions to access infrastructures*
  - *Improve operations efficiency*
- *The dominant player shall (art. 3º)*
  - *Offer flexibility and balancing services, in order to assure gas supply*

## **CNPE Resolution 16/2019 & UGS**

- *The transition to a competitive market shall observe: (art. 4º)*
  - *Implementation of Market Areas*
  - *Implementation of Virtual Points*

***UGS facilities contribute to improve liquidity and prevent unbalancing***

## **UGS & Gas Act Draft**

*From Law 10909/2009 to PL 6407/2013*

- *UGS Activity properly defined*
- *From Concession (based on Brazilian General Auctions Law – 8.666) to Authorization*
- *Access to all types of storage*
- *Less legal voids regarding Storage*



## ***Session 4 : Gas Storage***

- *Purpose: Debate and Discuss the role of UGS to achieve the Brazilian New Gas Market goals*
- *International Experience and Views*
- *Brazilian specificities and Perspectives*

## **Session 4 : Gas Storage**

Moderator: **Mario Confort**, Regulation Specialist, ANP

Speakers:

- **Gergely Molnár**, Gas analyst, IEA
- **Arnaud Berthet**, Chief Business Development & Strategy Officer, Storengy
- **Annamária Féher** (Video presentation), Senior advisor, Hungarian Gas Storage Ltd.
- **Anna Claudia Sant'Anna Pinto**, Energy Research Analyst, EPE
- **André Lima**, Partner, PowerHaus Consulting

Moderated discussion and Q&A.