### Gas Markets in Transition in SE Europe,8/6/2021



Gas Trading Outlook in SE Europe

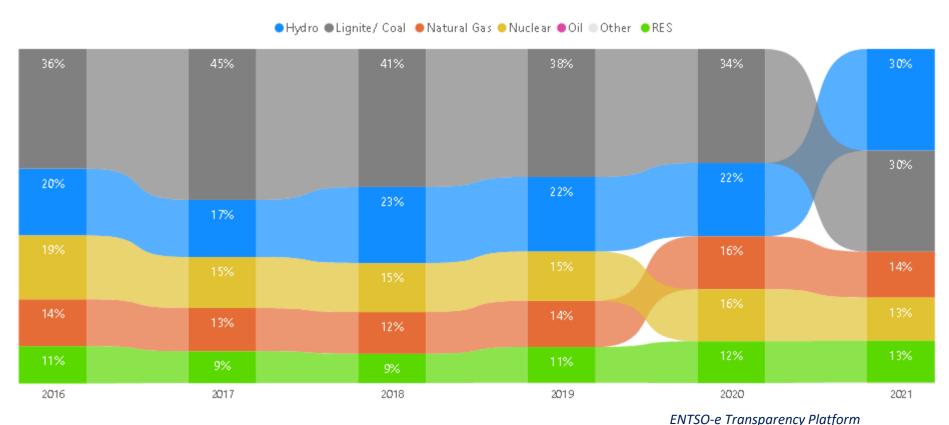
A Power Producer's View



Efi Milioni Market analysis & Back-office Section Manager







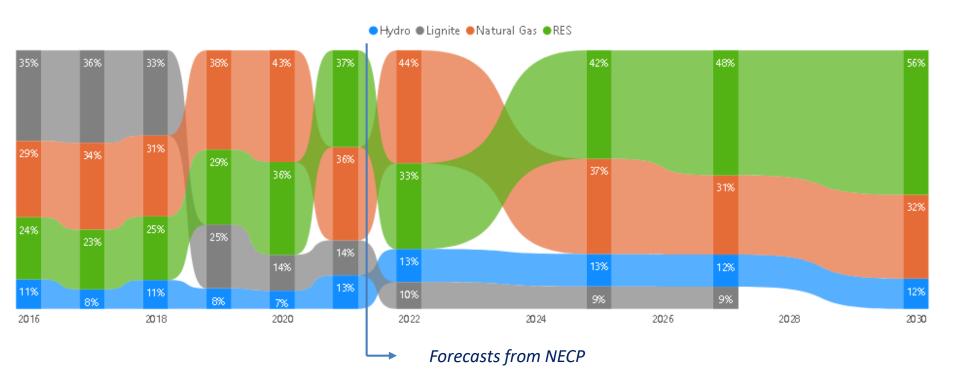
RES participation in the mix is slowly increasing

Coal and lignite still play a key role

There is room for further increase of gas-to-power production



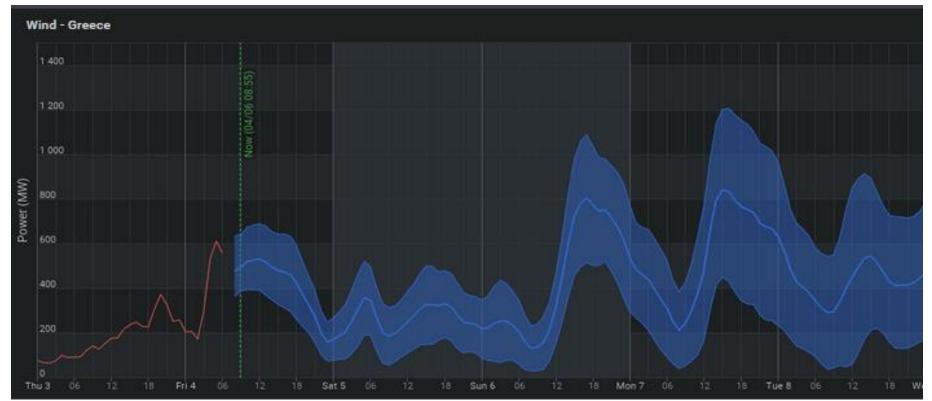
### Production Mix in Greece



The electricity sector is undergoing a radical transformation. Natural Gas establishes its role as a flexible and reliable fuel







- Market conditions in the Power Market change constantly
- Power Producers need to manage and adjust their portfolio:
  - Long and Medium term
  - Spot



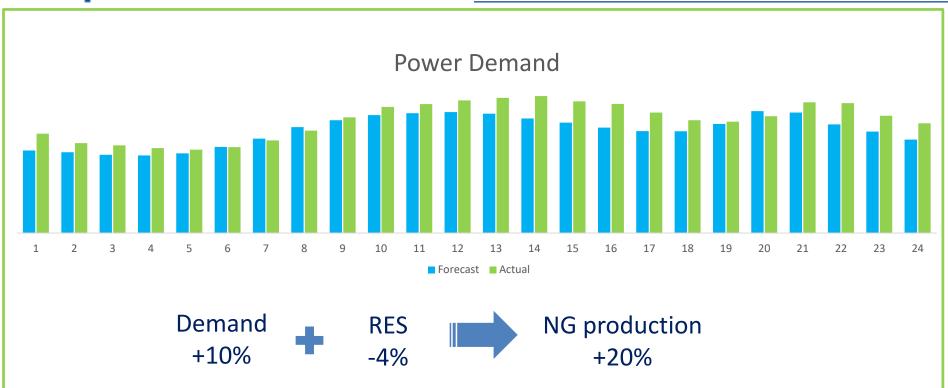
Average Daily deviations between DS/ISP1 and Actual NG Generation (MWhe)



Increasing RES participation in the mix increases the needs for intraday flexibility from NG Units



Example: 1/4/2021

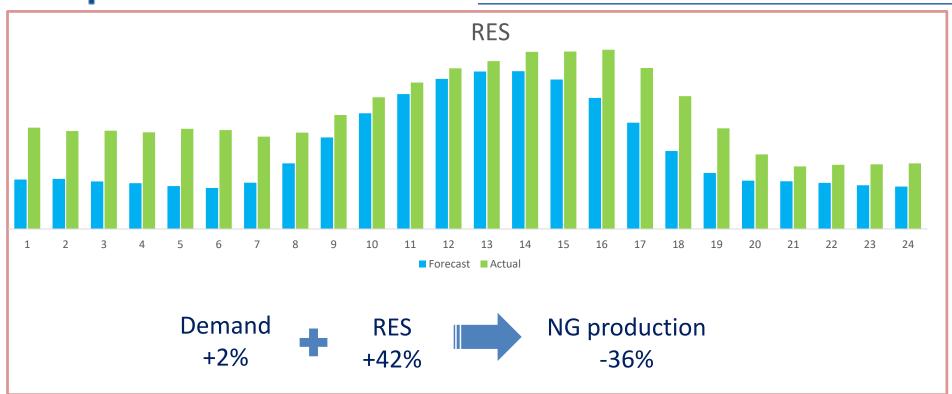


+36.000MWh from Revithousa +20.000MWh sold at DESFA's balancing platform

-1.500MWh export to BG



Example: 2/5/2021



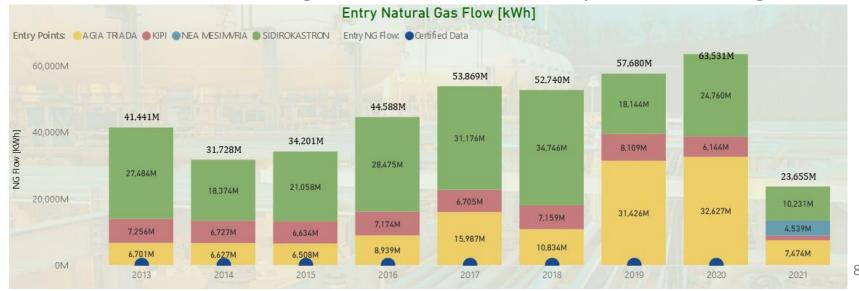
-12.500MWh from Revithousa 24.000MWh bought at DESFA's balancing platform

+18.800MWh export to BG



### Current landscape and barriers

- Greek NG Trading Platform not operational. Participants mainly rely on bilateral contracts.
- 2. New sources of Natural Gas (LNG,TAP), new gas infrastracture
- 3. Main provider of intraday flexibility in Greece is Revithousa
- 4. Lack of gas storage in Greece
- 5. Barriers in cross border trading/balancing
- 6. Different scheduling timelines between power and ng

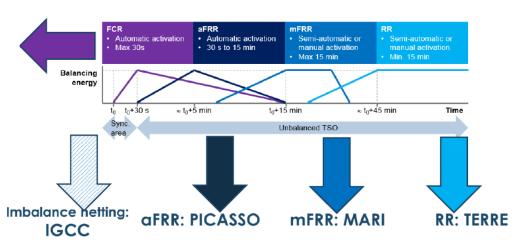




### Integration of Electricity markets

#### SDAC parties/countries involved and their status





- NG markets not in tandem with Electricity Target model markets advancements in the SEE
- Increasing liquidity in Power Derivatives Markets

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## Power Production NG sourcing





### To efficiently manage their portfolio Power Producers need:

- Diversification of their portfolio
- Strong collaboration between Gas and Power Dpts
- oIT Tools for data analysis, forecasts and operations

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