## EVALUATION OF THE NORDIC FORWARD MARKET FOR ELECTRICITY

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## **Basis for my approach**

- Efficient Nordic power market (physical and financially)
- Statkraft's position and experiences
- Reflections based on NRAs challenges and assumed need/wishes from market participants
- Will try to address the asked question: "How to evaluate hedging possibilities in the Nordic power market"

Disclaimer:

- EC group report not fully read
- My views not anchored within Statkraft



# Statkraft an atypical market participant regarding hedging requirements

#### Asset based hedging:

- --> Generation capacity in all Norwegian bidding areas and in 3 of Sweden 4 areas
- --> Well diversified (to be a mainly hydro power company) both regarding the various hydrological conditions and temporary bottlenecks creating different price areas
- Long term bilateral contracts and financial contracts used for hedging purposes
- --> Evaluate risk and profit for whole portfolio before entering new contracts (bilateral or through organized markets)





## **Trading & Origination in Statkraft**

#### Why relevant in a hedging context:

- --> Helps fundamental market participants with risks, included area price risk (i.e. wind producer & industrial consumers)
  - Traders/Originators needs to reduce risks (i.e. price area) to maintain trading opportunities
- -> Liquidity important for right prices







### Some basic hedging challenges ref. price area

- --> More sellers needing risk reduction than buyers (suppliers to a large extent covered through low or no exposure in end users contracts)
- --> Low liquidity in EPADs reduces ability to sell price area risk reduction and also efficient pricing
- --> We experience that the new potential investors do not want price area risk
- --> Experiences with changing bidding areas reduces trust and liquidity for EPADs





## How to evaluate hedging possibilities in the Nordic power market for concerned bidding zones

#### **Possible approaches:**

- Ask relevant parties
- Liquidity, bid-ask spreads etc from exchange and OTC brokers on relevant product (EPADs) – which should be available
- Possible correlation between required (in liquid, or non existing) product and possible other tradeable products covering hedging need
  - Historical data (correlation) not necessarily relevant for future situation (grid reinforcement etc)

#### Wishful thinking

Can EPADs be stimulate and be relevant for market participants?







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