

Quo Vadis Energies? Current situation and expected development of the energy prices.

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AGENDA

1. STRUCTURE OF THE SLOVAK ELECTRICITY MARKET

2. HOW THE FINAL PRICE IS MADE UP

3. COMMODITY PRICES

4 SPOT or FIX

5 IMPROVE YOUR DIAGRAM

DECREASE YOUR CONSUMPTION

7 LOW HANGING FRUITS

THE IMPORTANCE OF AN ENERGY MEASUREMENT SYSTEM

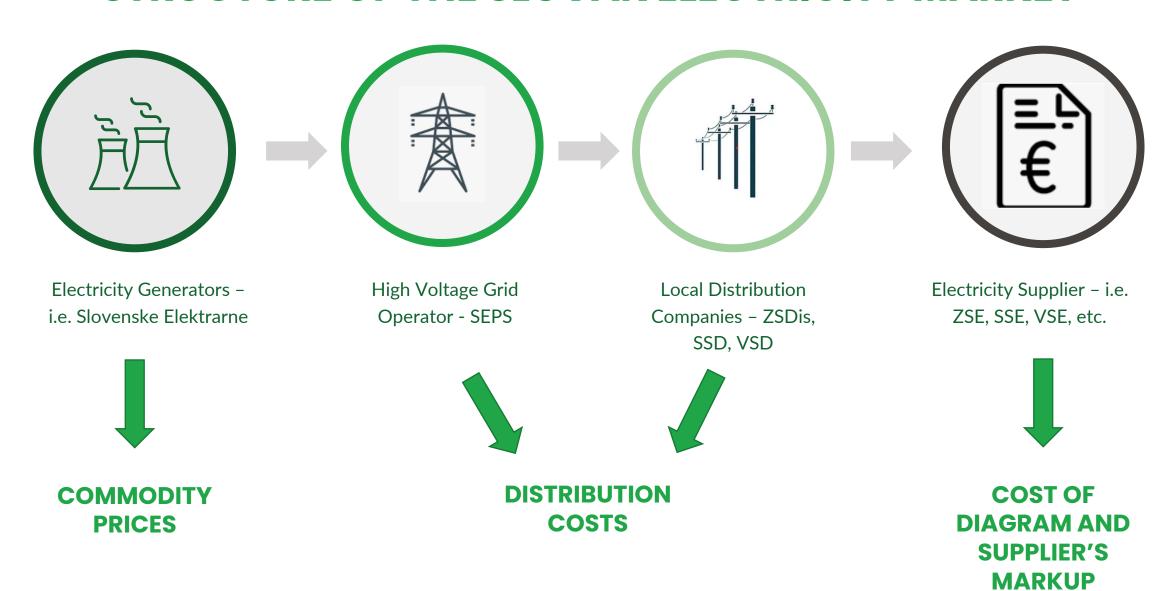
Simple Projects with fast ROI

9 EXAMPLE OF BUSINESS CASES

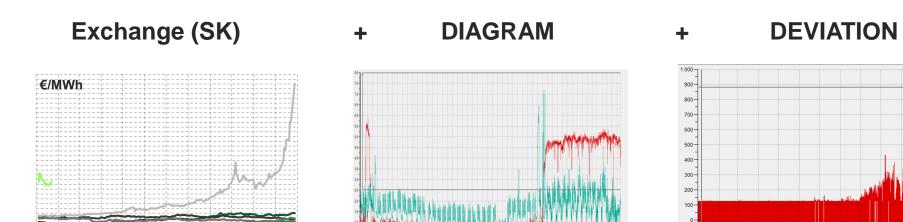
Q&A SESSION

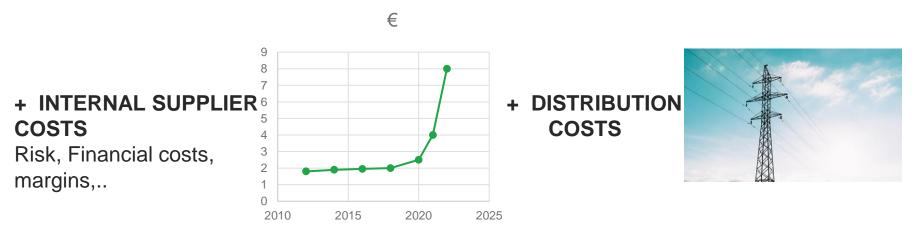


STRUCTURE OF THE SLOVAK ELECTRICITY MARKET



Composition of the final price

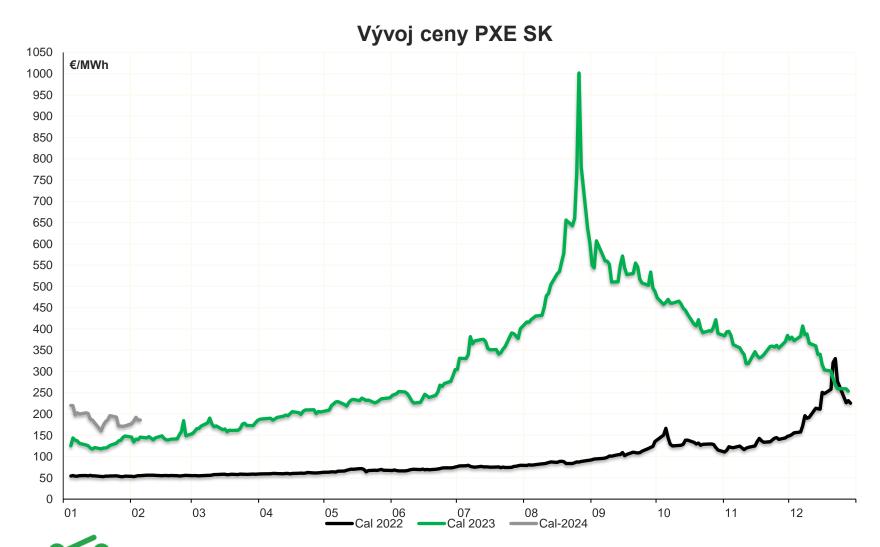






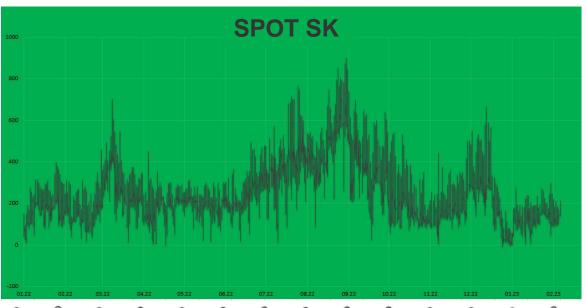
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Evolution of prices



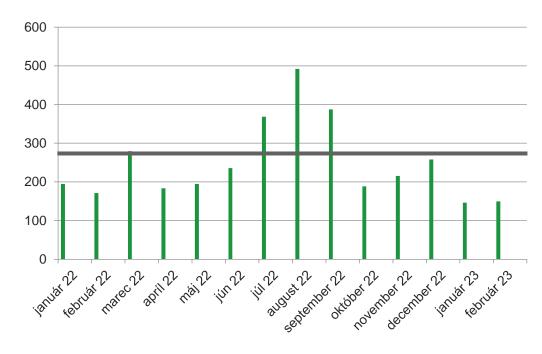
Purchase on the spot market

- Average from beginning of year 2023: 270€ / MWh
- Highest prices in summer (vyše 430 €) dry weather and gas prices
- October 2022 "only" 188 €



Suring Columbia Sy String Way String String String String South String

Monthly average SPOT



Spot or Fix?

DISTRIBUTION COSTS



WENT UP

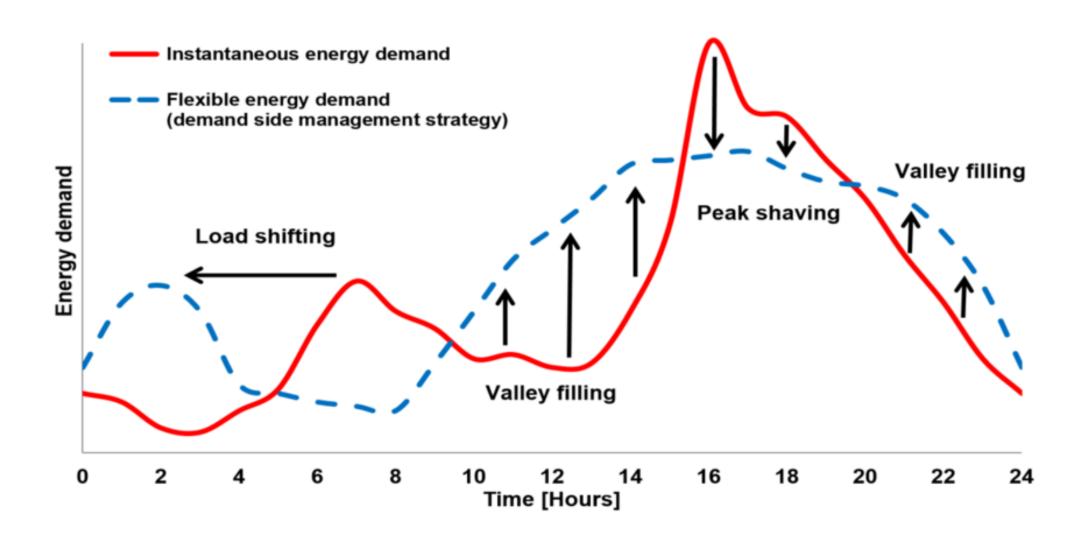
URSO approved higher distribution costs as a direct result of high inflation and higher regulations prices

MRK AND RK UNDER CONTROL

Study your consumption pattern and adapt Reserved Capacity to it. Avoid to pay fines for overcoming its limits

LOW TO NONE CONTROL OVER THEM

IMPROVE YOUR DIAGRAM



PV PLANT + BATTERY



A Battery system will work throughout the year in order to flatten the peaks by moving consumption from the grid during time

A PV Plant help you reducing your consumption peaks especially in the April-September period. Ideal for companies with cooling technology





ENERGY EFFICIENCY



The **Cheapest** Energy is the one you do not **Waste**





100% UNDER CONTROL

It's based on your own decisions

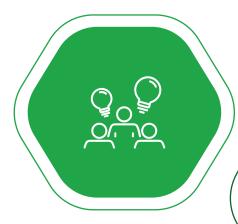
FAST ROI

With high energy prices the return on investment can be really fast



LOW HANGING FRUITS

Energy Efficiency Projects with easy implementation and Fast ROI



LED LIGHTING

Easy design, certain savings, fast returns



OLD GAS BOILERS

Gas Leaks and high maintenance, modernization is at fast ROI



DEMAND FLEXIBILITY as a SERVICE

CASH flow positive from day one



ENERGY PERFORMANCE CONTRACTS

Investment costs are paid by energy savings achieved



RK SAFEGUARDING

Installing a system to safeguard overcoming reserved capacity and avoid fines

AN EASY QUESTIONNAIRE TO IDENTIFY LHF

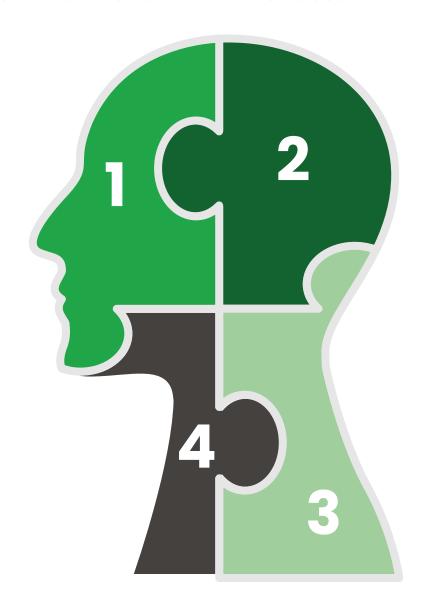
If you are interested send me an email to energy.services@seas.sk and we will send you the questionnaire

THE IMPORTANCE OF AN ENERGY MANAGEMENT SYSTEM

MEASURING ENERGY FLOWS IN DETAIL TO FOCUS WHERE IT MATTERS

MAPPING

Identify all major energy consuming machines



PARAMETERS

Define all parameters which will be key to take future energy efficiency related decisions

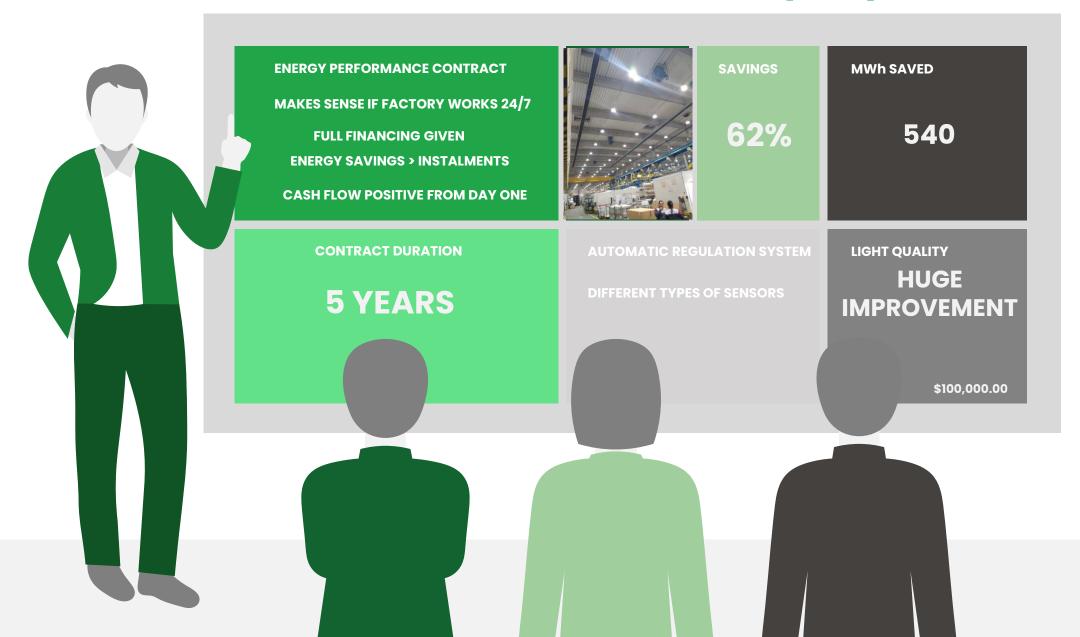
IMPLEMENT

Implement and run the system to collect precious data over a long term period

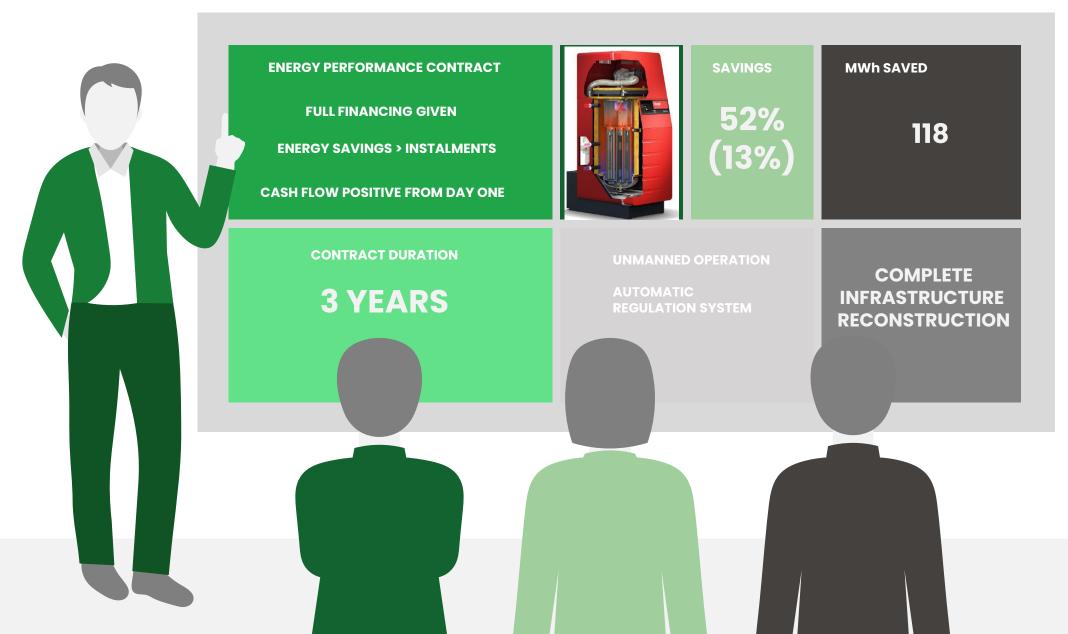
DECIDE

Based on the collected data decide which technology is worth replacing with a more recent and efficient one

LED LIGHTING MODERNIZATION (2019)



GAS BOILER MODERNIZATION (2020)



DEMAND FLEXIBILITY as a SERVICE





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