

MVM Group

MVM Group in a Low Carbon Future

Tibor Fehér

Head of Department of
Foreign Affairs

CEDE, Brussels,
2019.11.28.

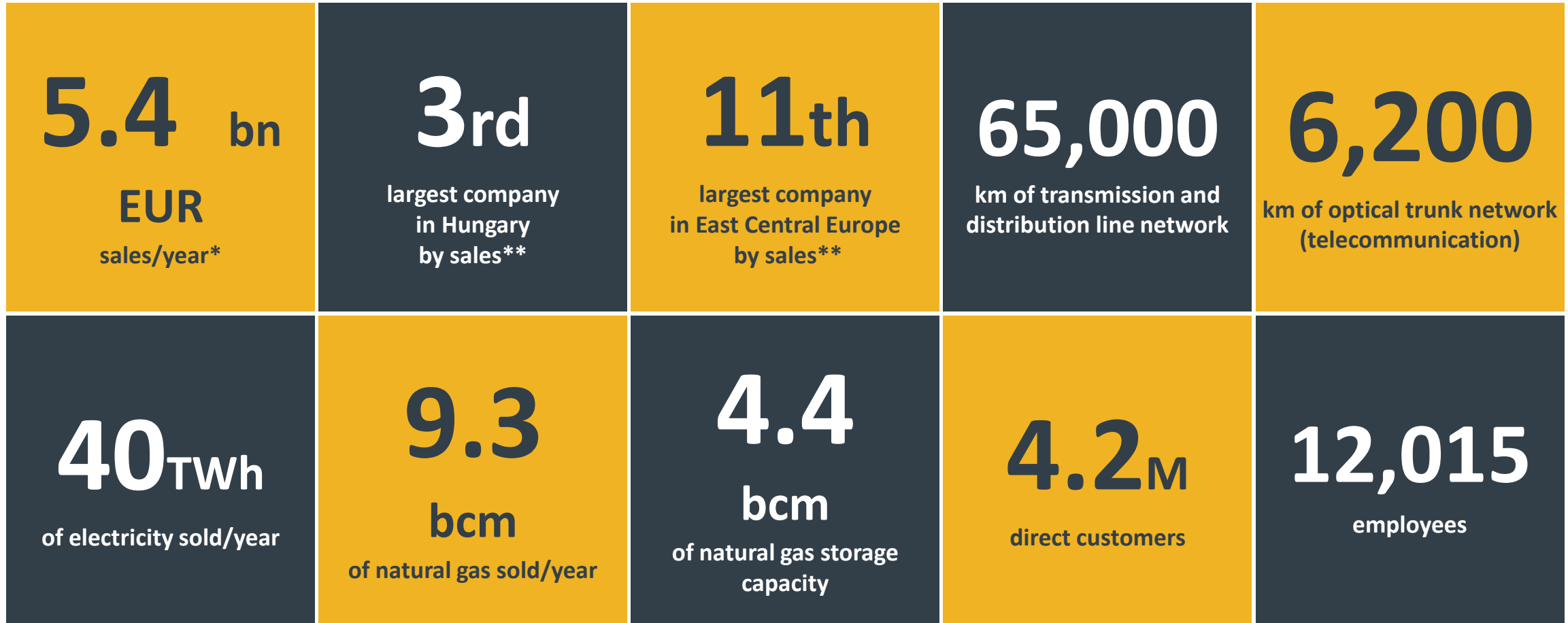
M

V

M

Providing energy

THE MVM GROUP IS AN INDISPENSABLE PLAYER IN THE NATIONAL ECONOMY

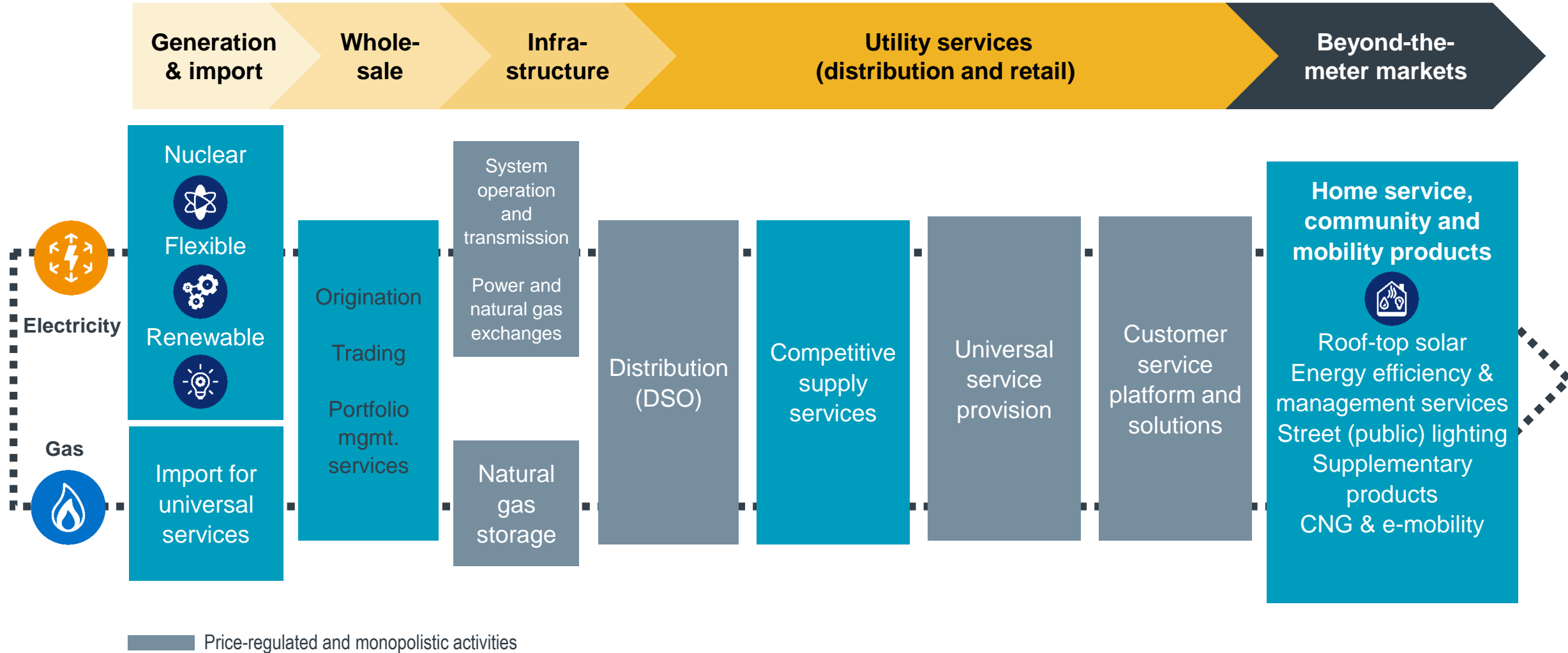


Data of 2018

* Based on annual average rate of exchange rates quoted by the National Bank of Hungary

** Source: Coface CEE TOP 500 Companies (<https://www.cofacecentraleurope.com/News-Publications/Publications/Coface-CEE-TOP-500-Companies-2019-Edition>)

THE MVM GROUP IS AN INDISPENSABLE COMPANY WITH DIRECT CUSTOMER ACCESS IN THE ENERGY VALUE CHAINS



MVM GROUP IS THE LARGEST ELECTRICITY PRODUCER IN HUNGARY



GENERATION

2 750
MW

The total installed capacity of the MVM Group's electricity generation units is over 2,700 MW, of which the most significant is the 2,000 MW Paks Nuclear Power Plant.



STORAGE

16.1
TWh*

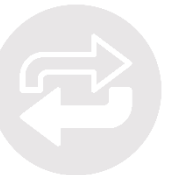
The gross electricity output of the MVM Group's power plants in Hungary was 16.1 TWh in 2018.



GRID

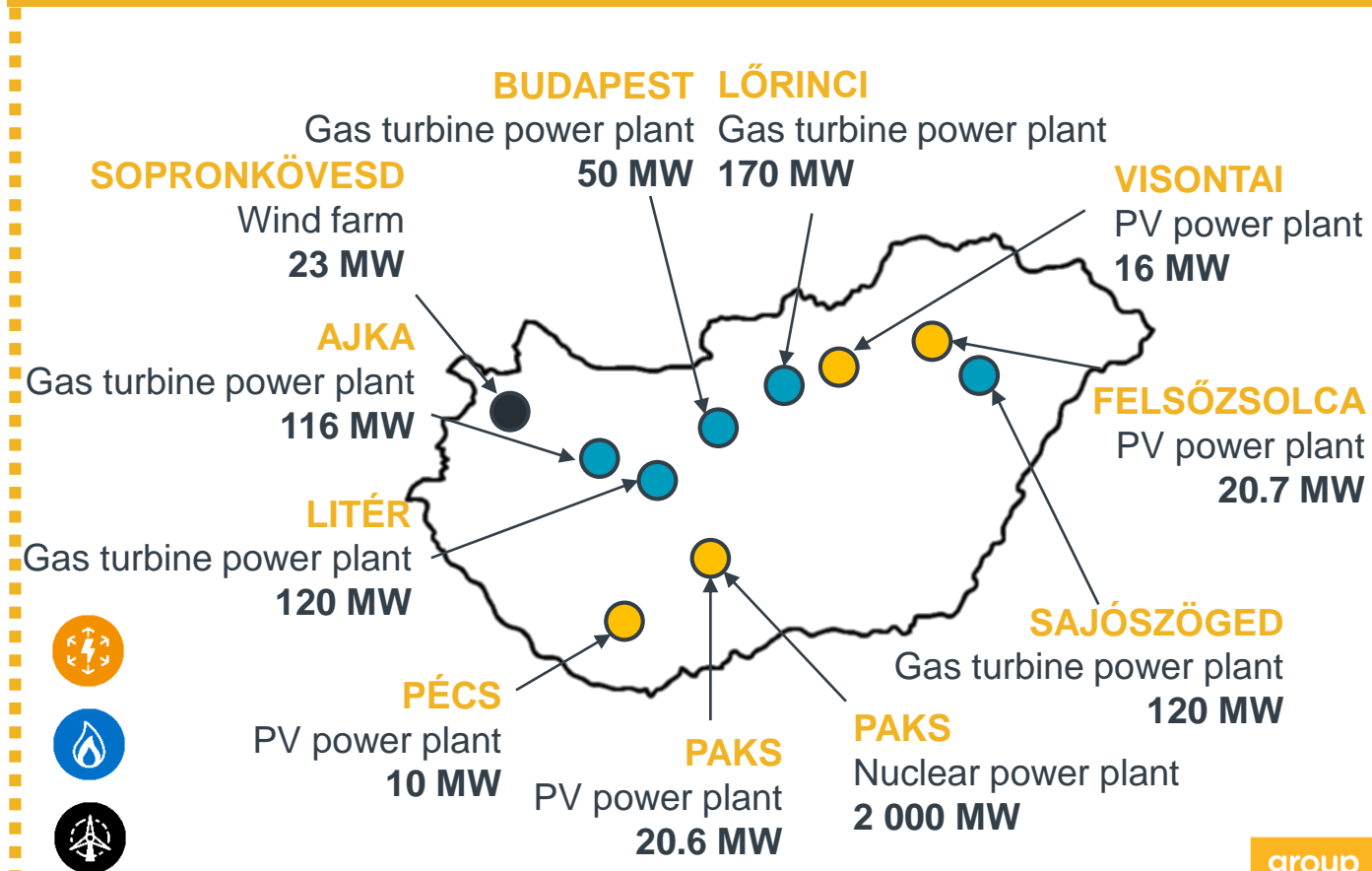
50.4
%**

Based on gross electricity output, the MVM Group's market share was 50.4% in 2018.



RETAIL AND
WHOLESALE TRADE

Electricity generation units of the MVM Group, with an installed capacity of more than 10 MW



* MVM Paks Nuclear Power Plant Ltd., MVM North Buda Power Plant Ltd., MVM MIFŰ Ltd., MVM Green Generation Ltd., MVM GTER Ltd. and NRG Finance Ltd.

** Based on national gross electricity output (31.8 TWh), source: Hungarian Energy and Public Utility Regulatory Authority



THE VISION FOR POWER GENERATION FOLLOWS A THREEFOLD SET OF OBJECTIVES: 1) NUCLEAR CAPACITY MAINTENANCE, 2) DYNAMIC RENEWABLE CAPACITY ENHANCEMENT AND 3) FLEXIBLE, CLEAN SCHEDULE PORTFOLIO

Strategic objectives of MVM Group's electricity generation portfolio

Nuclear capacity maintenance for carbon neutral energy:

Paks II: strategic investment at national level, guaranteeing security of supply

Maintenance and replacement of nuclear energy capacity

The basis for a balanced domestic and regional energy supply

Renewable energy portfolio

Flexibility & network integration tools

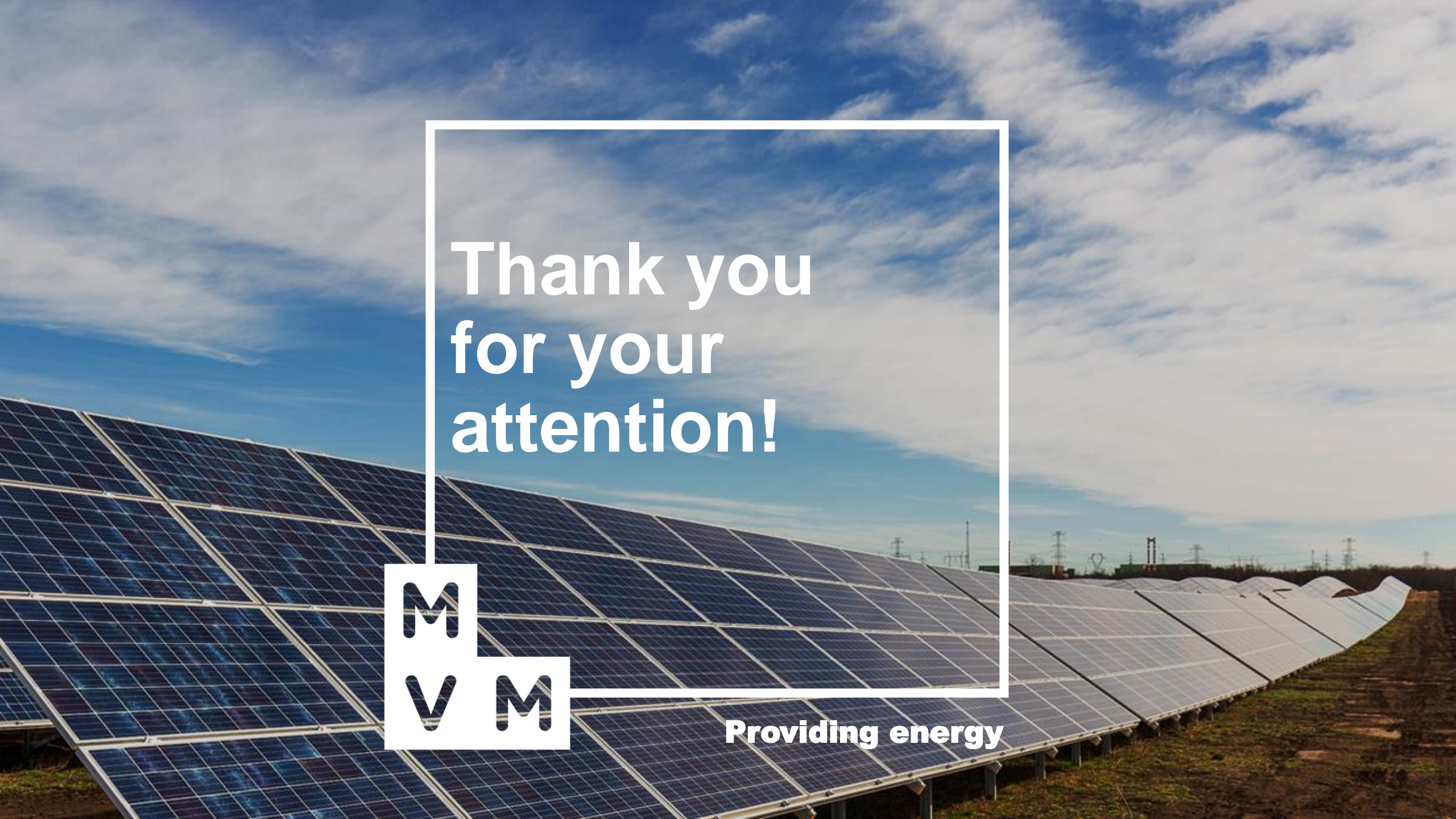
Schedule holder, natural gas-based power plants

Sustainable growth of the power generation portfolio is based on the simultaneous expansion of renewable capacities and flexible capabilities

- Significant market share in PV market (~500MW)
- Geothermal, hydro and biomass opportunities as a market leader in Hungary and also regionally

- System balance
- Flexibility services
- A major player in the energy storage markets

- Integration of at least one natural gas-based power generation unit into the existing portfolio



**Thank you
for your
attention!**



Providing energy