

VSB TECHNICAL
UNIVERSITY
OF OSTRAVA

AND ENVIRONMENTAL
TECHNOLOGIES



WE ARE CREATING THE ENERGY FUTURE





CEET was established on 1 January 2021 through the merger of four university institutes: the Nanotechnology Centre, the Energy Research Centre, the ENET Centre and the Institute of Environmental Technology.

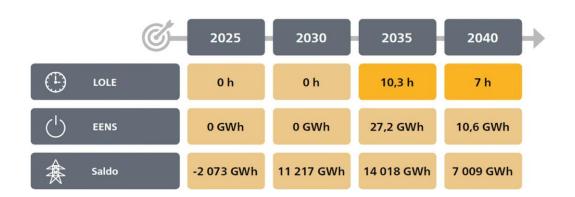
CEET is a research university institute at VSB - Technical University of Ostrava (VSB-TUO) focused on research and development in the field of low-carbon and sustainable energy and environmental technologies in line with the principles of the circular economy.

Thanks to the tradition and cooperation with the public and industrial sector, domestic and foreign universities and research organizations, we deliver practical innovations and solutions in many fields at the national and international level.

RESULTS OF THE UPDATED STUDY BY ČEPS, A.S. – MAF CZ 2023

RESULTS OF THE RESPONDENT SCENARIO

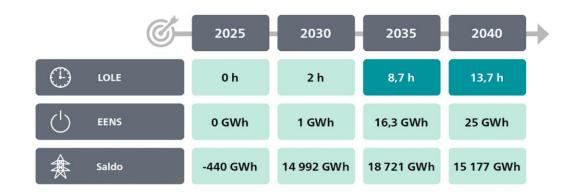
Import is a Positive Value





RESULTS OF THE PROGRESSIVE SCENARIO

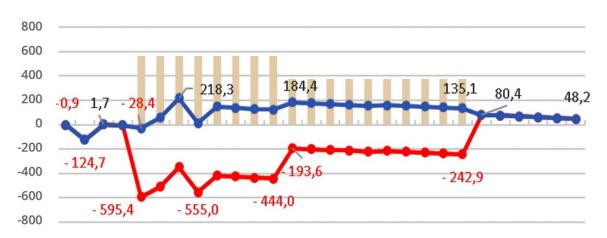
Import is a Positive Value



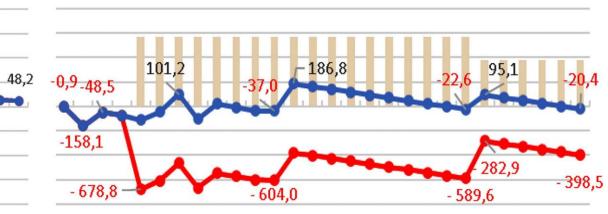
IMPACT OF THE CAPACITY RESERVE OF THE DĚTMAROVICE POWER PLANT ON THE POWER BALANCE OF THE MORAVIAN-SILESIAN REGION 2023–2050



EXPECTED SCENARIO



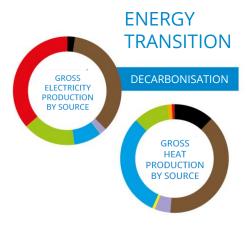
EXTREME SCENARIO

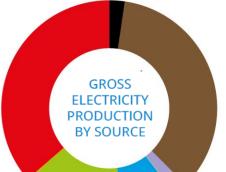


BACKUP CAPACITY OF THE DĚTMAROVICE POWER PLANT (EDĚ) POWER BALANCE
WITHOUT THE
DĚTMAROVICE CAPACITY
RESERVE (EDĚ))

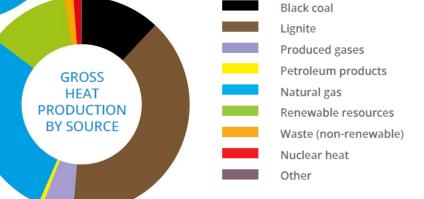
POWER BALANCE WITH
THE DĚTMAROVICE
CAPACITY RESERVE (EDĚ)

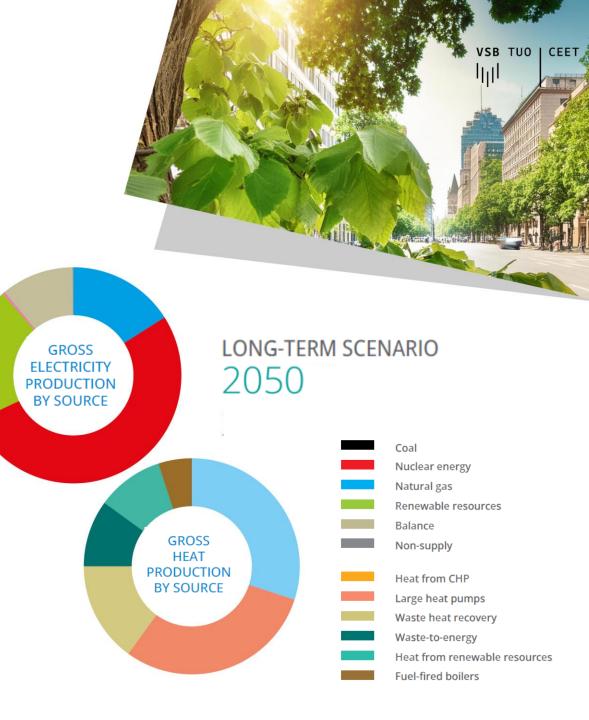
SHORT-TERM SCENARIO





MEDIUM-TERM SCENARIO 2030





NATIONAL CENTRE FOR ENERGY

We connect excellent research with leading industrial players in the sustainable energy sector.

