

ENERGY OF DEVELOPMENT

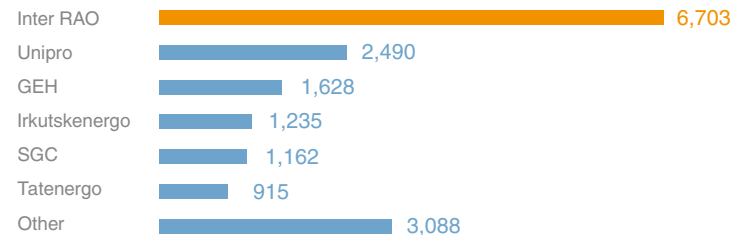
MODERNIZATION OF CAPACITY

Inter RAO is modernizing **6.7 GW** of capacity until 2025

NEW INVESTMENT CYCLE WITH AN ESTABLISHED RETURN ON INVESTMENT MECHANISM

REPLACEMENT OF BOILER EQUIPMENT OLDER THAN 40 YEARS AND TURBINES WITH SIGNIFICANT SERVICE TIME

Results of competitive capacity auction for modernization (2022–2025), MW



THE EQUIPMENT LOCALIZATION REQUIREMENT AIMS TO REDUCE THE STRATEGIC RISKS OF THE RUSSIAN FEDERATION AND ENSURE THE DEVELOPMENT OF LOCAL SUPPLIERS



ENSURE ACCESS TO AFFORDABLE, RELIABLE, SUSTAINABLE, AND MODERN ENERGY FOR ALL

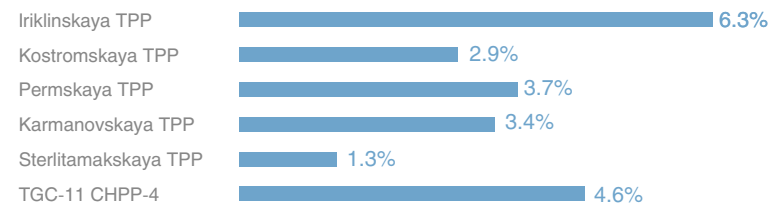
ENERGY OF THE FUTURE

MODERN TECHNOLOGIES

500,000 TONS PER YEAR expected reduction in greenhouse gas emissions (CO₂-equivalent) upon completion of the Inter RAO modernization program in 2025

The main problems faced by thermal power plants (TPP) that require modernization are low efficiency from converting thermal energy into electrical energy when burning fuel and insufficient maneuverability (the inability to quickly change the power supplied to the network).

Expected reduction in greenhouse gas emissions upon completion of the modernization program for 2022–2025



New technologies and equipment can help overcome these shortcomings and significantly boost the efficiency of TPPs. Modern solutions during modernization will increase efficiency by at least 1.5%

and reduce the consumption of fuel equivalent.

Modern Russian-made equipment will be used during modernization.



BUILD RESILIENT INFRASTRUCTURE, PROMOTE INCLUSIVE AND SUSTAINABLE INDUSTRIALIZATION, AND FOSTER INNOVATION