

Anton Causevski, Ph. D.
Electrotechnical Faculty – Skopje
Tome Bosevski, Ph. D.
Macedonian Academy of Science and Arts – Skopje

DECREASE OF TECHNICAL MINIMUM OF TPP NEGOTINO AND HIS ROLE IN THE MACEDONIAN POWER ELECTRICAL SYSTEM

ABSTRACT

The reactivating of the electrometallurgy capacities, as well as increasing of the distributing demand caused significant amount of electricity needs in the Macedonian Electric Power System. The generating capacities of the existing hydro and thermal power plants can not covered the increased electric consume. Therefore the significant electricity import was realized last and this year.

The new situation in the electric power sector has caused actualizing the needs and possibility of operating of the oil fired TPP Negotino. This paper gives the role of the TPP Negotino in the Macedonian Electric Power System with technical minimum of 65 MW, analyzing the operating regime in the yearly chronological demand with hourly load.

Keywords: Thermal Power Plant, Electric Power System, operating, planning.