

Energy Scenarios for Italy Prepared by a General Equilibrium Model (Markal Macro)

Mario Contaldi^a and Francesco Gracceva^b

^a Agency for the Environment Protection and Technical Services (APAT), Italy

^b ENEA, Italy

Corresponding author: <contaldi@apat.it>

In this work, ENEA and APAT (Environmental Agency) cooperate to carry out some long-term (30 years) scenarios for the Italy energy system, using the software Markal-Macro. The input data of the model and the Business-as-Usual scenario obtained are described and evaluated with reference to the performance of the Italian energy system since 1970. Eventually, two alternative scenarios are discussed and the effects of energy policy intervention are assessed, both from an energy/environment point of view and a macroeconomic point of view. The estimated economic costs of emissions reduction are similar to those produced by the main international literature.

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