

ARGONNE NATIONAL LABORATORY

Center for Energy, Environmental & Economic Systems Analysis (CEEESA)

Development of a Fuel Policy for Romania – An Energy Supply and Demand Study

Opportunity: Faced with a rapid decline in domestic oil and natural gas production, the Government of Romania has decided to develop a long-term energy strategy aimed at the efficient use of energy resources. The primary goals were to develop and adopt an appropriate fuel policy for the country that would (1) facilitate decision making for promoting the efficient use of energy resources and (2) formulate least-cost development plans for the energy sector. Additional goals for the new energy strategy included assessing Romania's comparative advantages with regard to the availability and use of energy resources (both domestic and

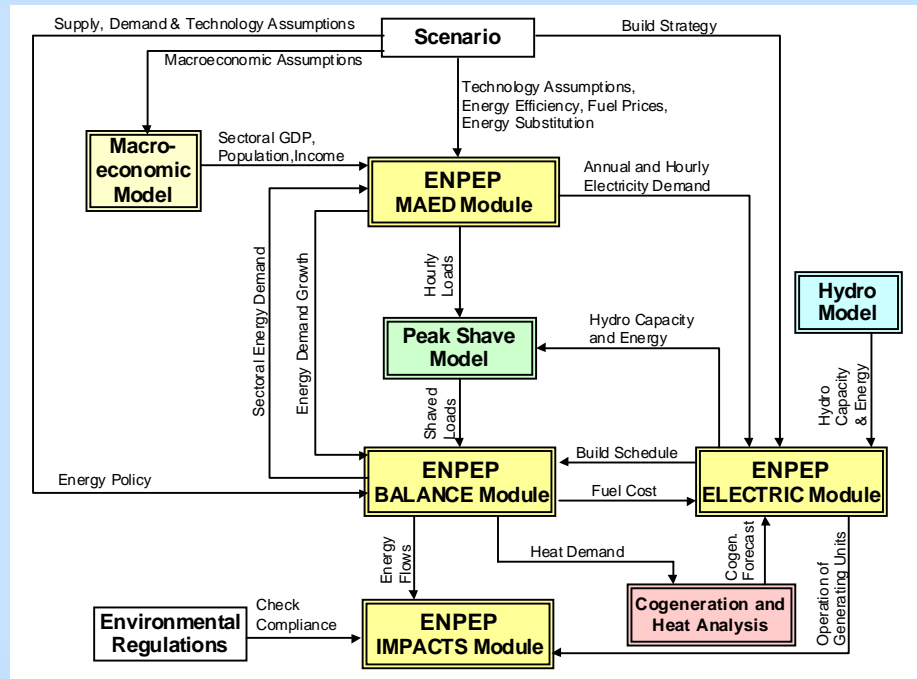
imported) and of environmental impacts associated with different fuel policy options.

Approach: Argonne's Center for Energy, Environmental, and Economic Systems Analysis (CEEESA) was invited to assist the Government of Romania in developing a long-term energy policy. The World Bank agreed to be the administrator and supervisor of the studies to be carried out during the project.



Argonne's CEEESA staff developed an integrated modeling framework specifically tailored to analyze the energy sector in Romania.

Integrated Modeling Framework for Energy Sector Analysis



Decision and
Information
Sciences



