

## B. OVERVIEW TASK GROUP ISSUES LIST

1. **The Nature of the National Energy Policy Goals . . . . . 19**

The national energy policy goals stated by ERDA deserve review and clarification.
2. **Overall Level of the Federal Budget for Energy R, D&D . . . . . 21**

The overall level of the Federal budget for energy R, D&D [about \$2.3 billion for FY 76] appears to be an outgrowth of decisions made prior to the Arab oil embargo and should be re-examined
3. **The International Aspects of ERDA's Plans and Programs . . . . . 23**

The ERDA Plan does not place sufficient emphasis on international considerations.
4. **Coordination of Programs Between ERDA and Other Federal Agencies . . . . . 25**

ERDA's plans for coordination with other Federal energy agencies need to be more fully developed ,
5. **Cooperation Between ERDA and State and Local Governments . . 27**

Success of the ERDA program will depend largely on close and continuous coordination with State and local governments. The ERDA Plan includes neither procedures nor mechanisms for accomplishing this coordination.
6. **Near-Term Energy Problems . . . . 29**

The ERDA Plan gives very little attention to near-term (to 1985) energy problems.
7. **Socioeconomic Research . . . . . 30**

ERDA's program of R, D&D does not give enough attention to socioeconomic analysis and research in addressing the Nation's energy problems.
8. **Balance Between Supply Versus Demand R, D&D . . . . . 31**

ERDA's program overemphasizes energy supply technologies relative to energy consumption.
9. **ERDA's Basic Research Program 33**

The goals of ERDA's basic research program have not yet been established. Considerable effort is required to organize a pertinent program of basic research.
10. **Commercialization . . . . . 35**

The development of effective commercialization policies and procedures is not adequately addressed in the ERDA Plan.
11. **Resource Constraints . . . . . 37**

Careful attention should be given to assessing energy resources, since they represent assumptions basic to the ERDA Plan.
12. **Physical and Societal Constraints 38**

Numerous physical, institutional, and social constraints may limit the orderly development and implementation of the ERDA energy plan.
13. **Overemphasis on Electrification 39**

The ERDA Plan appears to lean toward an overemphasis on electrification. This lack of diversity, especially in the long-term "inexhaustible" sources, may not be the most effective approach.
14. **Methodology and Assumptions Used in Developing the R, D&D Plan . 41**

The ERDA Plan relies on a methodology and assumptions for developing R, D&D priorities that appear to bias the priorities toward high technology and capital-intensive? energy supply alternatives and away from end-use technologies.

**15. ERDA Management Policy . . . . . 43**

ERDA's present management policies could hinder achievement of its goals.

**16. Net Energy Analysis . . . . . 45**

Net energy analysis can aid in decisions as to which existing and developing technologies deserve emphasis, but this methodology must be employed with caution.