

**VIABILITY OF DSM POLICIES AT
CEB - BRASILIA'S UTILITY**

Figueiredo, F.M.

CEB - USP

Brasil

Jardini, J.A.

EPUSP - PEA / CED

Brasil

Sauer, I.L.

IEE/USP

Brasil

Cabral, S.L.S.

CED

Brasil

Abstract: This work presents a calculation methodology alternative, for the comparison of supply and Demand Side Management-DSM, (IRP technique-Integrated Resource planning).

The work is based on CEB-Companhia Energética de Brasília data. Four supply alternatives for Brasília were analysed, as well as six DSM optional programmes. The selection of the supply alternatives or the load management was made considering the available possibilities at CEB. In the beginning of the paper the projection of energy and demand data and the cost calculation for each of the four supply options are presented. The end use data obtained from field investigation follows. Then, the merit indexes for each of the six DSM programmes are evaluated. Finally, the supply options cost are compared to the DSM programmes using the IRP methodology.