

**LARGE-SCALE
DISSEMINATION OF SOLAR
WATER HEATERS IN
KARNATAKA**

**Recommendations
from the IEI Workshop,
Bangalore, 26 August, 1999**

Involvement of all Stake-holders

- **Government of Karnataka**
- **KPTCL**
- **KPCL**
- **KREDL**
- **SWH Manufacturers**
- **Consumers**

Importance of Solar Water Heaters

- **To reduce morning peak load**
- **To avoid load shedding**
- **To enable peak-power tariffs**
- **To reduce government subsidies**

To Manage Karnataka's Peak Shortage Effectively

- **Importance of Large-scale Manufacture and Dissemination**
- **SWHs must acquire the status of “white goods” and undergo significant cost reductions**

Regulation-assisted Markets

- **Dissemination must be customer-driven**
- **Cost-reflective electricity prices are crucial to encourage efficient use of electricity**
- **Regulatory commission will have to play a key role in setting prices**

Administrative Measures (DOE)

- **to promote large-scale dissemination of SWHs in Karnataka and reduce the water-heating peak load on the electrical system**
- **to bring together all the relevant stakeholders for this promotion**
- **to catalyse the implementation of all the associated measures by the relevant agencies**

Administrative Measures (DOE)

- **A Technical Committee (with representation from KASMA, IEI, etc.) to be set up with the responsibility of ensuring performance standards in the large-scale dissemination process.**

Enabling Measures

- **Grid Code/Electricity Supply Regulations (KPTCL)**
- **Publicity (DOE, Key Drivers)**
- **Manufacturing (KASMA, Department of Industries, FIs)**
- **Fiscal Measures (FD)**
- **Buildings-related Measures (BCC, HUD, TP)**

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