

# GOVERNMENT OF KARNATAKA

No. EN 396 NCE 2006

Karnataka Government Secretariat,

Vikasa Soudha,

Bangalore, dated: 13.11.2007.

## NOTIFICATION

In exercise of the powers conferred by Section 18 of The Energy Conservation Act 2001, the Government of Karnataka hereby issues the following directions for efficient use of Energy and its Conservation in the State of Karnataka namely;

### I. Mandatory use of Solar Water Heating Systems

1. The use of solar water heating systems will be mandatory in the following categories of buildings, namely:

- (i) Industries where hot water is required for processing.
- (ii) Hospitals and Nursing homes including Government Hospitals.
- (iii) Hotels, Motels, Banquet halls, and Guest houses.
- (iv) Jail Barracks, Canteens.
- (v) Housing complex set up by Group Housing Societies/Housing Boards.
- (vi) All residential buildings built on measuring 600 sq. feet of floor area or site area of 1200sq.feet and above falling within the limits of municipal Committees/Corporations and Bangalore Development Authority sectors, etc.
- (vii) All Government buildings, Residential Schools, Educational Colleges, Hostels, Technical/Vocational Education Institutes, District Institutes of Education and Training, Tourism Complexes and Universities, Community centers, Kalyana Mantapas etc.

2. Aditya Solar Shop of Karnataka Renewable Energy Development Limited will act as an approved source for supply and installation of solar water heating systems in the State to ensure the installation of optimally designated quality systems as per the specifications.

3. All the departments like Urban Development Department, Public Works Departments, Housing Department, Health and Family Welfare Department and Agriculture & Horticulture Department will amend their rules/ bye-laws within a period of two months from the date of issue of this order to make use of the solar water heating systems mandatory.

4. These departments will also designate a district and a state level nodal officer to monitor and report the progress of enforcement of the State Government decisions to the Karnataka Renewable Energy Development Limited on Quarterly basis the prescribed format.

## **II. Mandatory use of Compact Florescent Lamp (CFL) in Government Buildings/ Government aided Institutions/Boards/Corporations.**

The use of incandescent lamps in all new buildings/ institutions constructed in Government sector/ Government Aided Sector/ Board and Corporation/Autonomous bodies is banned with immediate effect.

It will be mandatory that in existing buildings the defective incandescent lamps when replaced would be replaced by only compact florescent lamps (CFL).

Power utilities will affect necessary modification in the load demand notices within two months time from the date of issue of this order to promote the use of Compact Florescent Lamps instead of conventional bulbs while releasing/sanctioning new connections/loads.

## **III. Mandatory use of ISI marked Motor pump sets, Power capacitor, Foot/Reflex valves in Agriculture Sector.**

For all new tube well connection the use of ISI marked pump sets and accessories will be mandatory.

All ESCOMS and KPTCL will make the amendments in the load demand notices for tube well connections within two months from the date of issue of this order to ensure use of only ISI marked pumps in the State.

#### **IV. Promotion of Energy Efficient Building Design.**

All the new buildings to be constructed in the Government/ Government Aided sectors will incorporate energy efficient building design concepts including Renewable Energy Technologies with effect from one year from the date of issue of this order.

The Public Works Department will ensure the incorporation of energy efficient building concept in all buildings to be constructed in future in the Government /Government Aided sector. A committee shall be formed in the Public Works Department to examine all new building plans/drawings to be constructed in the Government/Government Aided Sector to ensure that all the features of the energy efficient building design concepts have been incorporated in these.

The Public Works Department will designate a nodal officer for coordination and monitoring of these measures who will report the progress in this regard to the Managing Director, Karnataka Renewable Energy Development Limited.

The above order supersede all previous orders in this matter and come into force forthwith.

By order and in the name of  
Governor of Karnataka,

(SURESH.B.KRISHNAPPAVAR),  
Under Secretary to Government,  
Energy Department.

To:  
The Compiler, Karnataka Gazettee. Government Press for  
publication in the next issue

**Copy to:**

1. The Secretary, Ministry of Power, Government of India, Shram Shakti Bhavan, New Delhi-110 001.
2. All ACS/Principal Secretary's/Secretary's of the Secretariat Department.
3. The Principal Secretary to Government, Public Works/Urban Development Department, Vikasa Soudha, Bangalore-1.
4. All the Deputy Commissioners of the Karnataka State.
5. The Secretary, KERC, M.G. Road, Bangalore-1.
6. The Managing Director, KPTCL, Kaveri Bhavan, Bangalore-9.
7. The Managing Director, KPCL, No: 82, Shakti Bhavan, Race Course Road, Bangalore-1.
8. The Managing Director, KREDL, Queens Road, Bangalore-52.
9. All the Managing Director's of ESCOM's.
10. The Chief Electrical Inspector to Government, My sugar Building, Ground Floor, J.C. Road, Bangalore-2.
11. The PS to the Chief Secretary, Vidhana Soudha, Bangalore-1.
12. S.G.F/ Spare Copies/ Office Copy.