

Time Bound Personal Attention

No. EDN-H (21) B (15) 02/2014-College Hostel-
Directorate of Higher Education
Himachal Pradesh
Telephone Number: 0177-2653120 Extension: 234 Fax: 0177-2812882
E-mail: dir.edu@rediffmail.com & genbr@rediffmail.com

Dated: Shimla-171001 the

From: The Director of Higher Education
Himachal Pradesh

To

- 1 The Principal, G.C.DistrictH.P.
- 2 The Principal, G.S.S.S.DistrictH.P.

Subject: - Installation of Solar Water Heating Systems.

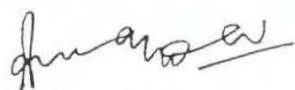
Memo:

The Government of Himachal Pradesh vide its notification No. Vidyut-C (7)-1/2008-dated: 05.12.2009 has issued order for the mandatory use of solar Water Heating Systems in the State (Photocopy enclosed). As per the notification all residential Schools/Colleges/technical/Vocational Education Institutes, District Institutes of Education and Training and University must have provision for Solar Water Heating Systems. Further as per the notification the line department will have an internal monitoring mechanism for the compliance of these energy conservation measures. Since this notification as large number of College/DIETs and other Educational Institutes have come up in the State which do not have provision for Solar Water Heating Systems in their premises. Presently most of these Educational Institutes are using conventional means for heating of water which puts a lot of pressure on the Grid to supply power for heating water in these hostels.

Therefore, you are hereby directed to submit the proposal for providing funds/budget for installation of Solar Water Heating Systems. In case of any irregularity or non-compliance of the orders of the higher authorities the disciplinary action as warranted under rules will be initiated against the defaulters.

Kindly Treat it as Most Urgent

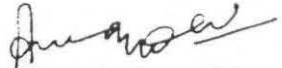
Encl. As Above


(Dr. Amar Dev)
Jt. Director of Higher Education
Himachal Pradesh

Endst. No. Even Dated: Shimla-171001 the

Copy for information to:-

- 1 The Additional Chief Secretary (Education) to the Government of Himachal Pradesh, Shimla-2.
- 2 Chief Executive Officer, HIMURJA, Shimla-9 w.r.t. his letter No. HIMURJA (F-7)2/SWHS/2014-15-12345-dated: 05.12.2014.
- 3 The Superintendent (Building Branch), Directorate of Higher Education, Himachal Pradesh.
- 4 The Technical Officer (Computer IT Cell), Directorate of Higher Education, Himachal Pradesh is hereby requested to upload the same on departmental website.
- 5 Guard file.


Jt. Director of Higher Education
Himachal Pradesh

**GOVERNMENT OF HIMACHAL PRADESH
MPP & POWER DEPARTMENT**

No. Vidyut-C(7)-1/2008 Dated Shimla 5-12-2009

ORDER

Efficient use of energy and its conservation is one of the thrust areas of the Govt. Recognizing the tremendous potential of energy efficiency, the Energy Conservation Act 2001 has been enacted to provide a legal framework to make the economy energy efficient. The Act envisages development of policy and strategies with thrust on voluntary adoption of energy conservation measures with the primary objective of reducing energy intensity of the Indian economy. This will be achieved with active participation of all stakeholders. In view of the above, it is important to motivate and persuade all high energy consuming entities like industrial units, institutions, commercial establishments and Govt. Organizations to implement energy efficiency measures without affecting either production or quality of service.

In exercise of the power conferred by Section 18 of the Energy Conservation Act 2001 (52 of 2001) the Governor of Himachal Pradesh hereby issues the following directions for efficient use of Energy and its conservation in the State of Himachal Pradesh, namely:-

1. **Mandatory use of Compact Fluorescent lamps (CFLs) and T-5 (28 Watt) Tube Lights**

- a) The Use of Compact Fluorescent Lamps (CFLs) and /or T-5 (28 Watt) energy efficient tube lights and /or Light Emitting Diode (LED) lamps shall be mandatory for all electricity consumers in industrial, commercial, non-domestic, non-commercial, and institutional sectors having connected load of 20 Kilo Watt or above.
- b) In all State/Centre Government Offices and State/Central Public Sector Undertaking Institutions/establishments located in the State of Himachal Pradesh, the use of Compact Fluorescent Lamps (CFLs) and/or T-5 (28 Watt) energy efficient tube lights and/or Light Emitting Diode (LED) lamps shall be mandatory.

The consumers under the above categories shall have to replace all conventional bulbs and tube lights in their establishments with CFLs/Light Emitting Diode (LED) Lamps/T-5 (28 Watt) tube lights at their own cost within a period of one year from the date of the issue of this notification.

Note - In case of non-compliance of these orders, the HPSEB/ Power Utility concerned shall have the power to disconnect the electricity connections after serving due notice after the expiry of the deadlines mentioned above. The Superintending Engineer, HPSEB Operation Circle of the area or its successor entity shall be the enforcing authority of these orders and they shall send quarterly progress reports in this regard to the Director (Energy), Govt. of Himachal Pradesh.

2. Mandatory use of Energy Efficient Street Lights:

It shall be mandatory that the street lighting in all existing and new colonies and urban areas notified by the Urban Local Bodies Department, Himachal Pradesh Urban Development Authority, Himachal Pradesh State Industrial Development Corporation, Industrial Estates, Housing Complexes, Colonies and Townships developed by privates/semi government/autonomous institutions shall use energy efficient street lighting fixtures using T-5 tube lights, Emitting Diode (LED) Lamps/Low Pressure Sodium Vapour (LPSV)/High Pressure Sodium Vapour (HPSV)/induction arc lamps, Solar Street Lights.

The above said organizations responsible for street lighting systems shall have to replace the conventional street lights or install energy efficient street lights at their own cost within a period of one year from the date of this notification.

Note - In case of non-compliance of these orders, the HPSEB/Power Utility concerned shall have the power to disconnect the electricity connections after serving due notice after the expiry of the deadlines mentioned above. The Superintending Engineer, HPSEB Operation Circle of the area or its successor entity shall be the enforcing authority of these orders and they shall send quarterly progress reports in this regard to the Director (Energy), Govt. of Himachal Pradesh.

3. Mandatory use of Solar Water Heating Systems :

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. All Govt./Private 50 bedded & above Hospitals and Nursing homes.
- iii. Hotels/Motels with 15 rooms or more and Banquet Halls.
- iv. Jails.
- v. New Housing Complexes/Colonies set up by Group Housing Societies/HIMUDA/Government and Private Builders.

Water Heating Systems shall be made a component of this project

- vi. All residential Schools/College Hostels/Technical/Vocational Education Institutes, District Institutes of Education and Training (DIETs) and Universities etc.

Himachal Renewable Energy Development Agency (HIMURJA) will act as an approved Agency to short list reputed public and private sector companies/firms for supply and installation of solar water heating systems in the State to ensure the installation optimally designed quality systems as per the specifications.

All the line departments like Town and Country Planning Department, Urban Development Department, Public Works Department, Housing Board and Public Health Department will amend their rules/bye laws within a period of three months from the date of issue of this notification to make the use of solar water heating systems mandatory.

These departments will put in place an internal monitoring mechanism for the compliance of these energy conservation measures.

4. Optional use of Solar Water Heating System.

All residential buildings built on a plot size of 500 square yards and above falling within the limits of municipal committees/corporations and Himachal Urban Development Authority Sectors.

5. Mandatory use of ISI/BIS marked Motor pumps sets, Power Capacitor, Foot/Reflex valves in Agriculture Sector :-

- i. For all new tube well connections, the use of ISI/BIS marked pump sets and accessories will be mandatory.
- ii. Himachal Pradesh State Electricity Board or its successor entity will make the amendments in the load demand notices for tube well connections within three months time from the date of issue of this notification to ensure use of only ISI marked pumps in the State.

6. Promotion of Energy Efficient Building Design :-

- i. All the new buildings to be constructed in the Government/Government Aided Sector will incorporate energy efficient building design concepts including Renewable Energy Technologies with effect from 1-4-2010.
- ii. The Architecture Wing of Public Works Department or similar wings/cells of other departments/Corporations will ensure the

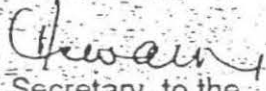
- 4 -

incorporation of energy efficient building design concepts in all buildings to be constructed in future in the Government/Government Aided Sectors.

The Energy efficient Building Code released by BEE shall be used with local modifications for design of other new buildings.

State Designated Agency (SDA) shall coordinate & monitor action on all the above directions and report status on quarterly basis to the State Government. SDA shall also make suitable suggestion on modification of this order if some practical difficulties are faced by any department.

BY Order


Chief Secretary to the
Government of Himachal Pradesh.

Endst. Dated Shimla-2, the

5-12-2009

Copy forwarded to the following for information and necessary action to:-

1. All Administrative Principal Secretary Secretary to the Govt. of Himachal Pradesh, Shimla-2.
2. Special Officer, HP State Electricity Board, Vidvat Bhawan, Shimla-171004.
3. Chief Executive Officer, HIMURJA, SDA Complex, Block No. SA, Urja Bhawan, Kasumpti, Shimla-171009.
4. Director of Energy Himachal Pradesh, Tbakur Vanka Khalini, Shimla-171002.
5. Director (Env. And S&T) to the Government of Himachal Pradesh, Shimla-171002.
6. All Heads of the Departments in Himachal Pradesh.

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Special Secretary (Power) to the
Government of Himachal Pradesh.