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Indian Association of Energy Management Professionals

THE URJA WATCH

November 2008, Issue 5

It is about “Conscience Keeping on Energy Matters”



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Conservation Act, 2001



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**FOCUS ON
STATE DESIGNATED ENERGY AGENCIES**

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From the Editor's Desk

Strategies for Stretching Available Energy



Energy is like weather. People talk about it everyday – whine about the erratic power supply, and the resultant discomforts and productivity losses. The big question is - What do we do about it other than just talking? There are many options but the quick and relatively less expensive one seems to be – make the best use of whatever energy is available. In other words, stretch the available energy sources to serve more people through energy efficiency strategies.

Over the last two decades, India's installed capacity for power generation has grown impressively from 30,000 MW in early 80's to over 140,000 MW. However, with demand for energy expected to more than triple in the next two decades, and power generation lagging behind the targets, our country's energy shortages will continue in the foreseeable future.

Energy efficiency is a proven energy resource and the only policy solution that could provide near-term relief at costs much lower than building new power plants. There is a very strong case to reinforce energy efficiency measures all round the country.

In the business of energy efficiency, several actors come into play – big and small energy consumers, energy auditors, consultants, equipment manufacturers, utilities, governments, funding agencies and several others. Key players are government's energy agencies that need to provide dynamic leadership and orchestrate collective efforts to address the country's critical energy issues. Conscious of this important role, government-led energy efficiency programs started decades ago.

Recognizing the fact that efficient use of energy and its conservation is the least-cost option to mitigate the gap between demand and supply, Government of India enacted the Energy Conservation Act (EC Act) in 2001 and established the Bureau of Energy Efficiency (BEE) in 2002.

The Energy Conservation Act – 2001 serves as a legal framework for promoting energy efficiency in all sectors of the economy. It empowers the BEE to perform regulatory and promotional functions. Further, the act defines the powers of the state government to facilitate and enforce efficient use of energy.

In accordance with the EC Act, the state governments, in consultation with BEE, have designated certain state agencies named as “State Designated Agencies” (SDA) to coordinate, regulate and enforce the provisions of the Act in the respective state.

Thus BEE and SDAs are strategic partners for promotion of energy efficiency and its conservation across the country. The network of SDAs dotted all over the country and the legal back-up of the EC Act provide powerful arms to the BEE.

Some of the SDAs, notably in Gujarat and Maharashtra, have done excellent work in creating awareness, promotion of energy projects, and training of human resources at various levels. Many other SDAs are trying to catch up on accomplishments. In this issue, our focus is set on the “State Designated Agencies”. Besides providing an overview of the role, responsibilities, status and activities of SDAs, we have included a brief case study of a progressive SDA.

Effective governance is the need of the hour to achieve national goals. As the central energy agency, the BEE has a clear role and responsibility for the implementation of the EC Act. In fulfilling this role, it will need the help of capable leaders to spearhead the various energy efficiency and conservation programs. Recruiting and motivating people with proven skills to deliver results may be a substantial start in good governance.

There are several options to promote energy efficiency. Some of these are better standards for appliances and equipment, energy efficiency labeling, rational tariffs, mandatory energy audits, training, financial and fiscal incentives. Other strategies to address energy shortages include diversification of energy supply sources, demand restraint, and adoption of clean technologies.

India's potential energy efficiency market is estimated at more than Rs. 12,000 Crores per year. With the combined strengths of BEE, SDAs and numerous talented energy professionals in the country, it should be possible to tap this huge potential.

Implementing energy efficiency strategies will greatly help to stretch available energy to more consumers. In addition, the country will reap substantial environmental benefits!

Energetically,

S.Subramanian
Editor

Letters to the Editor

Congrats once again on bringing out the latest issue of Urja Watch. Your vast experience in the field of energy and ideas are visible in the matter.

IAEMP is benefitting very much by your contributions.

I am forwarding the issue by mail to several of my contacts so that they know of our activities.

Prakash Magal, Bangalore

Thank you very much for presenting the informative October issue of "The Urja Watch".

After going through this issue and particularly the article on BEE's Energy Efficiency Labeling programme for appliances, it is quite confusing for the common buyers who have no idea about the energy consumption standards, to buy any product just by seeing the number of stars on the product.

Another problem for the buyer will be: how to verify the claims on energy saving made by the manufacturers and BEE? For energy measurement, one needs electrical measuring Instruments and one should have sufficient knowledge to carry out the measurements. This is quite impracticable.

To address this problem, I have a suggestion to make to the BEE through our IAEMP forum. It is said that electronics has made life easier and simple. By incorporating a load manager just on one chip to appliances like refrigerator, air conditioners, cloth washers, dish washers, and geysers, one can measure current, voltage, power and energy. shall be equipped on to the most of the appliances, etc. Many of these appliances already have a few digital LED based instruments for indicating temperature, programmes like washing, rinsing and so on.

BEE should make it compulsory for manufacturers to have this load Manager installed on all the appliances or wherever possible, to get the star ratings. This can come at a very nominal extra cost of Rs. 300/- to 500/-, which would be worthwhile as it will provide the energy figures, and make the consumer more conscious in energy usage.

Ulhas Vajre

Members Speak...

Tamilnadu Government has declared some power cut and enhanced tariff for domestic consumers and restricted demands for HT consumers .

Electricity board officials are very confident that by restricting domestic consumers to 600 Units/Bimonth they can save around 1100 MW. Presently domestic consumers are said to consume around 800 - 900 Units/Bimonth. It is not clear who has given this data and figures to the government.

My opinion on this issue:

1. Are the electricity board officials aware of the EC act which will ensure effective utilization of energy and consequent benefits?
2. Is it the responsibility of BEE or SDA to create awareness on this ? If not, whose responsibility is it?
3. Industry associations like CII/FICCI/SIMA who are supportive and encouraging in all aspects and even protested the power cut imposed by the government do not seem to show any interest in drawing the government's attention to the EC Act 2001. They are pretty well aware that the act is in force.
4. Industry lobbies are not interested in energy audit and conservation. As long as the present energy consumption trend is not affecting their profit margins, they don't mind running the industry in an inefficient manner.
5. Even when the state government is prepared to absorb VAT on diesel supplied to factories, they do not show any interest on this and they are still depending on grid power only. Why?

I wish to conclude that the need of the hour is spreading awareness of energy conservation benefits to all policy makers, electricity boards, associations/confederations, and state designated agencies in a language understandable to them. If BEE used its media power, we can overcome the situation. Other wise we will only be discussing and the situation will go like this.

Ravi Shankar

ROLE OF STATE DESIGNATED AGENCIES

By Sunil Sood, President, IAEMP

This article provides an overview of the role, responsibilities, status and activities of 'State Designated Agencies' in facilitating the implementation of Government of India's Energy Conservation Act 2001. The author has also provided a case study of an SDA in Assam State. – Editor

The Energy Conservation Act 2001 (EC Act) of the Government of India confers the state governments certain powers to facilitate and enforce efficient use of energy and its conservation. Besides, the power conferred upon central government under the Section 14 (p) to (s) shall also be exercised in consultation with the concerned state governments.

The role of state governments has been clearly defined in Section 15 of the Act. Under the section 15 (d), the state governments are required to designate agencies in consultation with the Bureau of Energy Efficiency (BEE) to coordinate, regulate and enforce provisions of the EC Act within the respective states. Such agencies are called 'State Designated Agencies' (SDAs).

1.0 Responsibilities and Duties of SDAs®

The responsibilities and duties of the SDAs are summarized below:

Responsibilities:

- Spread awareness on EC Act.
- Undertake voluntary initiatives to promote energy conservation
- Liaison and coordinate with, BEE, state government departments dealing with energy, industry, planning, regulators, consumer affairs, municipal bodies etc.
- Capacity building of staff employed.
- Launch and maintain state specific website addressing the voluntary and mandatory provisions of EC Act.
- Undertake energy conservation awareness program for consumers, industrial & commercial sector, school children, farmers etc.
- Arrange interactive meets between energy managers, energy auditors and other experts.

Duties:

- Prepare a list of designated consumers on a structured format.
- Compile information received from designated consumers through annual statements on energy consumption, energy audit reports, and action taken on the report of energy audit.
- Prepare a state and sectoral energy data base and provide the feed back to designate consumers.
- Take all measures necessary to create awareness and disseminate information for efficient use of energy and its conservation.
- Arrange and organize training of personnel and specialists in the techniques for efficient use of energy and its conservation.
- Take steps to encourage preferential treatment for use of energy efficient equipment or appliances.
- Request state government to constitute a state energy conservation fund for the purposes of promotion of efficient use of energy and its conservation within the state.
- Assist state government in the preparation of rules under section 57.
- After the expiry of 5 years from the date of commencement of EC Act, i.e. from 27th February 2007, appoint or designate inspecting officer as necessary for the purpose of ensuring compliance with energy consumption standards specified under clause (a) of section 14 or ensure display of particulars on label on equipment or appliance specified under clause (b) of section 14 or for the purpose of performing such other functions as may be assigned.

2.0 Status of appointment of SDAs

As per the information available in BEE web site, 25 States, National Capital territory of New Delhi and 4 Union territories have appointed designated agencies. Out of 30 SDAs, 13 states have retained respective nodal agencies in charge of promotion of renewable energy as their SDAs. Remaining 17 SDAs are designated from the respective state electricity departments/inspectories. It is really surprising that even large states like Tamilnadu, West Bengal and Uttar Pradesh opted to designate their SDAs from electricity inspectorates/departments rather than the obvious choices of Tamilnadu Energy Development Agency (TEDA), West Bengal Renewable Energy Development Agency Ltd (WBREDA) and Non-Conventional Energy Development Agency (NEDA). Same is the case with Orissa, Jharkhand, Assam, Uttrakhand and Himachal Pradesh.

It will be interesting to know why some of the large states preferred to appoint electricity inspectorates as designated agencies for implementation of the EC Act. It will be equally interesting to know which type of agency is doing better work.

3.0 Activities undertaken by SDAs

In the absence of notification of Section 30 to 45 of the EC Act which deals with Appellate Tribunal for Energy Conservation, most of the activities being undertaken by the SDAs are voluntary in nature. Not much mandatory actions as required under the sections 15 to 18 of the Act have been reported. Some states have used the section 18 to issue directives for compulsory use of CFL and T5 Tube lights in government buildings etc. None of the SDAs have appointed Inspectors under section 17 since the redress mechanism is not in place.

The State Electricity Regulatory Commissions were to appoint the adjudicating officer under section 27 but this has not happened so far.

The activities being undertaken by SDAs are confined to conducting surveys for identification of Designated Consumers, preparing list of CEA/CEMs in their respective states etc. Some SDAs like GEDA, MEDA, EMC, HAREDA and ASDA have maintained very good web sites. Some of the states have prepared State level plans to promote EC Act. SDAs are being provided with funds by BEE to take up these activities. Under section 16 of the Act, state governments were to establish 'State Energy Conservation Fund' but how many have done so is not clear as per the information available in the respective web sites.

® Presentation dt 23 Feb,2005 by Shri K.K.Chakarvarti, former Energy Economist, BEE

The price of greatness is responsibility.

– Winston Churchill

The ultimate measure of a man is not where he stands in moments of comfort and convenience but where he stands at times of challenge and controversy.

- Martin Luther King Jr.

Unless you try to do something beyond what you have already mastered, you will never grow.

- Ralph Waldo Emerson

CASE STUDY OF ASSAM STATE DESIGNATED AGENCY (ASDA)

Editorial Comments: Gujarat Energy Development Agency Ltd.(GEDA) is considered as a pioneer in India's energy conservation and efficiency movement. Gujarat State has its own law on energy conservation. GEDA has an excellent work record. The Maharashtra Energy Development Agency (MEDA) has also been doing good work. What is heartening to note is that states like Assam and Haryana are also trying to catch up with GEDA and MEDA to excel in the national movement. We visited the web site of designated agency of Assam and found that very good work is being done by Assam's State Designated Agency (ASDA). We bring to you some highlights extracted from their web site <http://asda.gov.in/index.htm>. This might provide some inspiration to SDAs in other states who are aspiring to excel.

The Chief Electrical Inspector-cum-Adviser, Government of Assam has been made the State Designated Agency under Section 15(d) of the Energy Conservation Act, 2001 by the Government of Assam in September 2002 to coordinate, regulate and enforce provisions of the EC Act within the State of Assam.

Inspectorate of Electricity, under the Power, Mines and Minerals Department, Government of Assam is a Directorate Level establishment with the Chief Electrical Inspector-cum-Adviser as the Head of the Directorate.

WORKS INITIATED BY SDA ASSAM ON MATTERS RELATING TO ENERGY CONSERVATION:

- 01** A list of industrial consumers having connected load of more than 1000KW has been collected. Since as per the latest norms, the categorization of Designated consumers is made on the basis of energy consumption in terms of MTOE, the detailed list will be ready after the respective consultants submit their report
- 02** A list of commercial buildings with more than 500 KW of connected load has been collected
- 03** The State PWD has informed that most of the street lights in the Guwahati City have been fitted with automatic switching devices to conserve energy
- 04** The Railways Authority have also fitted efficient fluorescent lamps in it's staff quarters in place of incandescent lamps to conserve energy
- 05** The Government of Assam vide its Notification No.PEL.81/2002/pt/158, Dtd.20.07.2007 made the use of energy efficient lamps mandatory in all Govt. buildings/ Institutions/ Boards/ Corporations.

- 06** The Government of Assam vide its said Notification No.PEL.81/2002/pt/158, Dtd.20.07.2007 directed all Govt. departments and agencies to adopt design of new buildings basing upon energy conservation concept as per ECBC norms.
- 07** Most of the existing large buildings have been informed to adopt energy efficiency measures by using energy efficiency lamps and other appliances
- 08** The Electricity distribution companies have been requested to print energy saving tips on the reverse side of monthly energy bills for benefit of electricity users
- 09** Cinema halls and multiplex halls were requested to display energy conservation messages using slide shows at intervals. Some of them have already started the display and the rest are also expected to follow very soon
- 10** Some energy auditors have started energy audit in Tea sectors and buildings. Though the matter is in a primitive stage at the moment, it is expected to gain momentum after the achievement of positive results by the energy users
- 11** Prospective designated agencies have been requested to furnish energy consumption in terms of MTOE. As per reports received, Hindusthan Paper Corporation, Nagaon's consumption is 44,885 MTOE, Hindusthan Paper Corporation, Cachar's consumption is 76,200.5 MTOE, Brahmaputra Valley Fertilizers Corporation's consumption is 4,36,074 MTOE and NEEPCOs Assam Gas Based Power Plant at Bokuloni is 4,27,538.95 MTOE for the year 2006-07. Other replies are awaited.
- 12** The Assam Power Generation Corporation Limited constituted Energy Audit Cells in their thermal power plants in Lakwa and Namrup for monitoring energy audit matters
- 13** As presently there are no manufacturers of refrigerators, air conditioners, fluorescent lamps in the State, only the distribution transformer manufacturers in the State have been informed about the BEE's S & L programme and have been advised to take steps accordingly.

ACTIONS INITIATED BY THE STATE DESIGNATED AGENCY SO FAR:

As initial steps actions were limited in providing information of various provisions of the Act to designated consumers, requesting designated consumers to appoint Energy Managers, carrying out of Energy Audit, publication of information relating to Energy Conservation and energy saving tips in local dailies, distribution of informative leaflets for the benefit of public, celebration of National Energy Conservation Day in association with ASEB etc. Cinema halls of Guwahati city were requested to display slides containing Energy Conservation messages during show intervals to propagate the message of energy conservation among public.

Based on a proposal submitted by the CEIA, the Government of Assam issued Notification in July 2007 to use energy efficient lamps in Government buildings, Institutions, Board, Corporations and promotion of Energy Efficient Building Designs as per the Energy Conservation Building Code published by the BEE.

The BEE conducted painting competition among 4th and 5th standard students for creating awareness of energy efficiency in 2005, 2006 and 2007 through CPSUs. In Assam, Powergrid conducted the said competitions. All necessary helps for conducting the said competition were extended by the CEIA's office to Powergrid.

The BEE conducted a one-day workshop on Energy Conservation at Guwahati in April 2007 with help and support from CEIA's office, where 22 organizations participated.

ENERGY CONSERVATION MEASURES TAKEN UP BY VARIOUS ORGANIZATIONS IN ASSAM TO ACHIEVE ENERGY EFFICIENCY:

- 01** The Hindusthan Paper Corporation, Nagaon and Cachar regularly conducted activities such as awareness creation programme, Energy audit in the plants to achieve Energy Efficiency.
- 02** As informed by Addl. Chief Engineer, PWD (Electrical), Assam, automatic switching devices have been fitted in streetlights in Guwahati city to reduce energy wastage. Arrangements have been made to fit energy efficient lamps in all Government offices/ buildings by PWD.
- 03** The Dy. Chief Engineer, NF Railways informed that 14,921 fluorescent lamps have been provided in staff quarters, 39 automations done in pumps and provisions made in 73 LC gates for solar panel.

FUNDING ASSISTANCE FROM THE CENTER TO CARRY OUT ENERGY CONSERVATION WORKS:

Assam was selected among six SDAs in the country to provide fund assistance from the Central Government for EU-India Sustainable Energy Efficiency Initiative (EISEEI) project, which is initiated, by BEE and GTZ-IGEN, a key partner of BEE. A MoU was signed between SDA, Assam and National Productivity Council (NPC) in this regard. A five-year Action Plan was prepared with the help of NPC and submitted to BEE. As per the said scheme, NPC will support the SDA for capacity building under financial assistance from the BEE. There is no financial commitment for the NPC service from the State Government.

LIST OF STATE DESIGNATED AGENCIES

Sl. No.	State/UT	State Designated Agency	Web site
01	Andhra Pradesh	Shri Lingaraj Panigrahi, IAS / Mr. Ram Mohan Neelam (09848695009) V.C. & Managing Director Non-Conventional Energy Development Cooperation of Andhra Pradesh Ltd. (NEDCAP) 5-8-207/2, Pishah Complex, Nampally, Hyderabad-500 001 Fax – (040) 23201666 Phone – (040) 23201172 (O) (040) 23412134 (R) Email: nedcap@ap.nic.in	www.nedcap.org
02	Arunachal Pradesh	Mr. Marki Loya / Mr. Sanjay Kumar Sahi (09436050507) Director Arunachal Pradesh Energy Development Agency (APEDA) (A State Government Agency) Urja Bhawan, TT Marg Post Box No. 141, P.O. Itanagar-791 111, Dist. Papum Pare	
03	Assam	Shri Surajit Barooa (98684064641) Chief Electrical Inspector-cum-Adviser Government of Assam Pub-Sarania Road, Guwahati-781 003 (Assam) Fax – (0361) 2529611 Phone – (0361) 2529611 Email – s_barooa@rediffmail.com	
04	Bihar	Shri Suresh Prasad Singh / Shri S. C. Sinha (9430559673) Director Bihar Renewable Energy Development Agency (BREDA), 1st Floor, Sone Bhawan Birchand Patel Marg Patna – 800 001 Fax – (0612) 2228734 Phone – (0612) 2233572 (O) (0612) 2531754 (R)	energy.bih.nic.in
05	Chhattisgarh	Shri Vivek Dhand, IAS / Sh. Anil Tuteja (09425205424) Principal Secretary (Energy) and CEO , Chhattisgarh State Renewable Energy Development (CREDA) Room No.-308, Mantralaya Raipur-492001 (Chhattisgarh) Fax – (0771) 2221305 Phone – (0771) 4080575 (O) Email – anilkumartuteja@rediffmail.com	

06	Gujarat	Shri V.H. Buch (09909900650) Director Gujarat Energy Development Agency (GEDA) 4th floor, Block No. 11 & 12 Udyog Bhavan, Sector-11, Gandhinagar Gujarat Fax – (079) 23247097 Phone – (079) 23247097 Email – vagmin2001@yahoo.co.in , rprasad58@yahoo.com	www.geda.org.in
07	Haryana	Ms. Sumita Misra, IAS ,Director Renewable Energy Department, Haryana S.C.O.No. 48, Sector-26, Madhya Marg, Chandigarh-160 026 Fax – (0172) 2791917 Phone – (0172) 2791917, (0172) 2790117 (O) Email – hareda@chd.nic.in	www.hareda.gov.in
08	Himachal Pradesh	Mr. V. D. Sharma / Mr. Niraj Kapoor (9418457366) Chief Engineer (Commercial) Himachal Pradesh State Electricity Board, Vidyut Bhawan, Shimla-171004 (HP) Fax – (0177) 2803315 Phone – (0612) 2656624 (O) Email – niraj_hpseb@yahoo.com	www.hpseb.com
09	Jharkhand	Shri Gaj Pal Singh (09431114097) Chief Engineer-cum-Chief Electrical Inspector ,Energy Department, Government of Jharkhand, Ranchi – 834 001 Fax – (0651) 2491002 Phone – (0651) 2490053 (O) Email – gajpalsingh@hotmail.com	www.jharkhandonline.gov.in
10	Karnataka	Shri V.P.Hiremath,IFS, Managing Director Karnataka Renewable Energy Development Limited (KREDL); No. 19, Maj.Gen.A.D. Loganadhan INA Cross,Queen's Road, Bangalore-560 052 (Karnataka) Fax – (080) 22257399 Phone – (080) 22282220/22208109/22282221 (O) Email – drbsmdkredl@yahoo.com / dineshkredl@yahoo.com	www.kredl.kar.nic.in
11	Kerala	Shri K.M. Dharsan Unnithan (9447064618) Director , Energy Management Centre Thycaud P.O., Thiruvananthapuram - 695014 Kerala. Fax – (0471) 2323342 Phone – (0471) 2323329/2115043/2323363 (O) Email – emck@keralaenergy.gov.in / kmdunnithan@hotmail.com	www.keralaenergy.gov.in

12	Madhya Pradesh	Shri Sanjay Bandopadhyaya , Managing Director M.P.Urja Vikas Nigam Limited (MPUVNL) URJA BHAVAN, Shivaji Nagar, Bhopal (Madhya Pradesh) Fax – (0755) 2553122 Phone – (0755) 2556526/2553595/276270(O) Email – sanjayb@mp.nic.in / sanjayverma1960@yahoo.com	www.mprenewable.org
13	Maharashtra	Shri Mahesh Zagade, IAS / Shri Hemantkumar Patil Director-General Maharashtra Energy Development Agency (MEDA) MHADA Commercial Complex, 2nd Floor, Opp. Tridal Nagar, Yerwada, Pune-411 006 (Maharashtra) Fax – (020) 26615031 Phone – (020) 26614393(O) Email – eee@mahaurja.com	www.mahaurja.com
14	Manipur	Chief Engineer (Power) Office of the Chief Engineer (Power) Secretariat: Power Department Government of Manipur Manipur Fax – (0385) -2449418 Phone – (0385) 2450050(O) Email – ce-power@man.nic.in , bs_chingtham@yahoo.co.in	
15	Meghalaya	Shri B.D. Nengong (09863049159) Senior Electrical Inspector Horse Shoe Building Lower Lachumiere Shillong – 793 001 (Meghalaya) Email – sei_meg@rediffmail.com	-
16	Mizoram	Chief Engineer (Power), Power & Electricity Department, Government of Mizoram, Mizoram Phone – (0389) 2351170 (O) Email – hmingtei@yahoo.co.in	-
17	Nagaland	Chief Electrical Inspector, “ Electricity House”, Department of Power, Government of Nagaland Kohima – 797001 (Nagaland) Fax – (0370) 2240178 Phone – (0370) 2243149 (O) Email – ktwabang@hotmail.com	-
18	Orissa	Shri Aswini Kumar Das, E.E.(P) - Cum-DEI(G), Bhubaneswar Fax – (0674) 2391255 Phone – (0674) 2390418 (O) Email – eicelecypceiorissa@yahoo.co.in , aswini_kudas@yahoo.com	-

19	Punjab	Director Punjab Energy Development Agency Solar Passive Complex, Plot No. 1-2, Sector 33-D, Chandigarh (U.T.)-160 034 Fax – (0172) 2662865 Phone – (0172) 2663328 (O) Email – balour_singh29@rediffmail.com , balkar_22@yahoo.co.in	punjabgovt.nic.in
20	Rajasthan	Chairman & Managing Director Rajasthan Renewable Energy Cooperation (A Govt. of Rajasthan Undertaking) E-166, Yudhishtar Marg, C-Scheme, Jaipur-302 001 (Rajasthan) Fax – (0141) 2226028 Phone – (0141) 2225859/2228198/2221650 (O) Email – r_swarup@hotmail.com , sunitmathur2000@yahoo.co.in	-
21	Tripura	Shri K. L. Das (9436503331) General Manager (Technical) Tripura State Electricity Ltd. Department of Power Govt. of Tripura Tripura, Agartala Fax – (0381) 2319427 Phone – (0381) 2324933 (O) (0381) 2323453 (R) Email – kldas@trp.nic.in , dish_1972@yahoo.com	-
22	Uttaranchal	Mr. Gopalji Kapur (9719827688) Electrical Inspector Office of Electrical Inspector, Government of Uttaranchal, Panchayat Ghar, Bari Mukhani, Near Heera Convent School, Haldwani (Nainital) Fax – (05946) 261913 Phone – (05946) 262839 (O) Email – dish_1972@yahoo.com	-
23	Uttar Pradesh	Shri Awanish Awasthy Managing Director Uttar Pradesh Power Corporation Limited Shakti Bhawan, 14, Ashok Marg, Lucknow (U.P) Fax –(0522) 2288484 Phone – (0522) 2287867 (O) Email – cgm2plg@yahoo.co.in Shri Lal Chand Chief Engineer (Planning) 3rd Floor, Sakti Bhawan Extn. 14, Ashok Marg, Lucknow-226001 Mob.no-09415115019	neda.up.nic.in

24	West Bengal	Shri M.K. Ray / Shri Benoy Sen (9836089580) Member (Commercial & HRD) West Bengal State Electricity Board Bidyut Bhawan, 7th Floor, Block-DJ, Sector II Bidhanagar (Salt Lake), Kolkata-700 091 (West Bengal) Fax –(033) 23598128 Phone – (033) 23598128 (O) Email – mkray44@yahoo.com , sensreya@yahoo.co.in	www.wbseb.gov.in
25	Tamil Nadu	Shri Veluchamy / Ms. Selvam Kasiviswanathan (9444947131) Chief Electrical Inspector to Government, Electrical Inspectorate Department Government of Tamil Nadu Thiru Vi.Ka. Industrial Estate, Guindy, Chennai-600 032 Fax –(044) 22500036 Phone – (044) 22500184 (O) Email – selvamravi@yahoo.com	www.tnelb.gov.in
National Capital Territory			
01	New Delhi	Shri Rajendra Kumar / Shri Satish Chander Sabharwal (9873147248) Chairman & Managing Director Delhi Transco Limited Shakti Sadan, Kotla Road, New Delhi-110 002. Fax - (011) 23232886 Phone – (011)23238263 (O) Email – satish_sabharwal@hotmail.com	www.delhitransco.gov.in
Union Territories			
01	Andaman & Nikobar Islands	Shri Manohar Singh (9434280409) Suptdg. Engineer, Electricity Department, A&N Administration Vidyut Bhawan, Port Blair – 744 101 Phone – (03192) 232404 (O) Email – seelectricity@yahoo.co.in	
02	Chandigarh	Er. Surinder Pall (9876504200) Superintending Engineer (Electricity/ Electrical), Room No. 523, 5th Floor, Deluxe Building, U.T Sectt. Sector 9-D, Chandigarh-160 009 Fax - (0172) 2740505 Phone – (0172) 2740475 (O) Email – seelo@chdnt.nic.in	-

03	Lakshadweep	Shri C.M. Ahmed, Executive Engineer Department of Electricity Union Territory of Lakshadweep, Kavaratti-682 555	lakpower.nic.in
04	Pondicherry	Ms. D. Selvi The Project Director Renewable Energy Agency of Pondicherry No. 10, Second Main Road, Elango Nagar, Puducherry - 11 Fax - (0413) 2244319 Phone – (0413) 2244319 (O) Email – reap@pon.nic.in , renew_selvi@yahoo.co.in	

Purpose and outcome of Japan Tour

Reply from BEE on RTI application filed to know the purpose and outcome of 14 days trip made by officials of SDAs, BEE, Central Electricity Authority (CEA) and Ministry of Power to Japan. It is not clear how CEA is connected to the implementation of the EC Act, 2001. This is the first list.

Officials from 20 State Designated Agencies, Ministry of Power, Central Electricity Authority, and Bureau of Energy Efficiency (26 nos.) were invited to Japan to attend a training programme on Energy Conservation for India during 1st – 14th February 2007 at Association for Overseas Training Scholarships (AOTS), Yokohama Centre, Japan (List of Participants at Appendix-I). This programme was implemented by Ministry of Economic Trade and Industry (METI) with the support of the Energy Conservation Centre of Japan and AOTS under the BEE Supporting Project, which is a component of the Green Aid Plan of Japan.

Outcome of the visit

Training programme provided an opportunity for officials from SDAs, Ministry of Power, Central Electricity Authority and BEE to exchange ideas with the Japanese experts on the various provisions of the EC Act and the implementation process as adopted in both the countries.

Appendix-I

List of Officials who attended Training Programme in Japan on Energy Conservation under supporting project for BEE of Green Aid Plan (GAP) Project of Government of Japan

S. No.	Name & Address	State
1.	Shri D.C. Srivastava Director (EC) Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi – 110 011	Ministry of Power
2.	Ms. Amita Pandya Asst. Project Executive Gujarat Energy Development Agency (GEDA) Surajplaza-II, 2nd Floor, Sayajigunj, Vadodara-390 005, Gujarat.	Gujarat
3.	Shri Sharadchandra Babhutabhai Patil Deputy Director Gujarat Energy Development Agency (GEDA) Surajplaza-II, 2nd Floor, Sayajigunj, Vadodara-390 005, Gujarat.	Gujarat
4.	Shri Surendra Bajpai M.P. Urja Vikas Nigam Limited (MPUVNL) URJA BHAVAN, Shivaji Nagar, Bhopal (Madhya Pradesh).	Madhya Pradesh
5.	Shri Rajeeva Swarup Chairman & Managing Director Rajasthan Renewable Energy Corporation, (A Govt. of Rajasthan Undertaking) E-166, Yudhishtar Marg, C-Scheme, Jaipur-302 001, (Rajasthan)	Rajasthan
6.	Mr. Anupam Kumar Electrical Inspector Office of Electrical Inspector, Government of Uttaranchal, Panchayat Ghar, Bari Mukhani, Near Heera Convent School, Haldwani (Nainital)	Uttaranchal
7.	Shri T S C Bose Dy. General Manager (I) Non-Conventional Energy Development Cooperation of Andhra Pradesh Ltd. (NEDCAP), (A State Government Agency), 5-8-207/2, Pishga Complex, Nampally, Hyderabad-500 001	Andhra Pradesh
8.	Shri K.M. Dharmesan Unnithan Director Energy Management Centre, Thycaud P.O., Thiruvananthapuram-695014, Kerala.	Kerala
9.	Shri Sanjeev Jain Senior Executive Engineer Chhattisgarh State Renewable Energy Development (CREDA), Department of Energy, Govt. of Chhattisgarh, MIG 20A, Sector-1, Shankar Nagar, Raipur (C.G.)-492 007	Chhattisgarh
10.	Shri Balwant Singh Yadav Project Director Renewable Energy Department, Haryana, S.C.O.No. 48, Sector-26, Madhya Marg, Chandigarh-160 026	Haryana

11.	Shri B.D. Nengnong Senior Electrical Inspector Power Department, Electricity Branch Government of Meghalaya, Horse Shoe Building, Lower Lachumiere Shillong – 793 001, Meghalaya	Meghalaya
12.	Mr. Marki Loya Director Arunachal Pradesh Energy Development Agency (APEDA) (A State Government Agency), Urja Bhawan, TT Marg, Post Box No. 141, P.O. Itanagar-791 111, Dist. Papum Pare, Arunachal Pradesh	Arunachal Pradesh
13.	Shri M.P. Singh Senior Manager (Projects) Punjab Energy Development Agency Solar Passive Complex, Plot No. 1-2, Sector 33-D, Chandigarh (U.T.)-160 034	Punjab
14.	Shri Gaj Pal Singh, Chief Engineer-cum-Chief Electrical Inspector Energy Department, Government of Jharkhand, Ranchi - 834001	Jharkhand
15.	Shri Surajit Barooa, Chief Electrical Inspector-cum-Adviser Inspectorate of Electricity, Government of Assam Pub-Sarania Road, Guwahati-781 003, Assam	Assam
16.	Mr. Roop Kumar Dy. General Manager (Technical) Delhi Transco Limited, Room No.207, SLDC Building, Minto Road, New Delhi – 110 002	Delhi
17.	Shri Mahesh Zagade, IAS Director-General Maharashtra Energy Development Agency (MEDA) MHADA Commercial Complex, 2nd Floor, Opp. Tridal Nagar, Yerwada, Pune-411 006 (Maharashtra).	Maharashtra
18.	Shri S.R. Chaudhari General Manager (EC & PG) Maharashtra Energy Development Agency (MEDA), MHADA Commercial Complex, 2nd Floor, Opp. Tridal Nagar, Yerwada, Pune-411 006 (Maharashtra).	Maharashtra
19.	Mr. Dinesh Kumar D.K. Assistant Technical Officer Karnataka Renewal Energy Development Limited (KREDL); No. 19, Maj.Gen. A. D. Loganadhan, INA Cross, Queen's Road, Bangalore-560 052, Karnataka	Karnataka
20.	Er. R.K. Tandon Director (Enforcement & Energy Audit), Office of the Chief Engineer (Comm.), Himachal Pradesh State Electricity Board, Vidyut Bhawan, Shimla-171004 (HP).	Himachal Pradesh
21.	Er. Chander Mohan Walia, Chief Engineer (Comm.) Office of the Chief Engineer (Comm.), Himachal Pradesh State Electricity Board, Vidyut Bhawan, Shimla-171004 (HP).	Himachal Pradesh

22	Shri Mriganka Majumdar, Deputy Chief Engineer, West Bengal State Electricity Board, Vidyut Bhavan, Bidhannagar, Block-DJ, Sector-II, Kolkata-700091	West Bengal
23	Mr. N. Thiruvazhi Marpha Pillai, Electrical Inspector, Govt. of Tamil Nadu Thiru Vi.Ka. Industrial Estate, Guindy, Chennai-600 032.	Tamil Nadu
24	Ms. Dhandapani Selvi Project Director Renewable Energy Agency of Pondicherry No.10, Second Main Road, Elango Nagar, Puducherry – 605 011	Pondicherry
25	Shri A.K. Jain Director Central Electricity Authority, Conservation & Environment Division Room No.315, Sewa Bhawa, R.K. Puram, New Delhi – 110 066	Central Electricity Authority
26	Mr. K.K. Chakarvarti Energy Economist Bureau of Energy Efficiency Hall No.IV, 2 nd Floor, NBCC Towers 15, Bhikaji Cama Place, New Delhi-110066	Bureau of Energy Efficiency

NEEDED FOREIGN COLLABORATION FOR “ENERGY SECURITY”!

Almost everyday we hear talk of ‘Energy Security’, ‘Energy Independence’ etc. But the laws and policies to ensure this are languishing for their right implementation. It is a very sad situation that foreign agencies are deciding how Indian laws and policies should be implemented. It seems we do not have the expertise to prepare state level programmes to implement them.

In the name of international cooperation, officials who are not even connected to implementation of the EC Act and may not have even read the law are managing foreign visits only to go back to their original posting. The list given above is only the first installment. Many more names will be out once more RTI applications are filed.

ROLE OF STATE GOVERNMENTS AND SDAs

Editor's note: For the benefit of readers, we reproduce here the relevant sections of the EC Act 2001 that explain the role of state governments and the SDAs.

RELEVANT SECTIONS OF THE EC ACT, 2001

Section	CHAPTER VI
POWER OF STATE GOVERNMENT TO FACILITATE AND ENFORCE EFFICIENT USE OF ENERGY AND ITS CONSERVATION	
Power of State Government to enforce certain provisions for efficient use of energy and its conservation	<p>15 The State Government may, by notification, in consultation with the Bureau</p> <ul style="list-style-type: none">(a) amend the energy conservation building codes to suit the regional and local climatic conditions and may, by rules made by it, specify and notify energy conservation building codes with respect to use of energy in the buildings;(b) direct every owner or occupier of a building or building complex being a designated consumer to comply with the provisions of the energy conservation building codes;(c) direct, if considered necessary for efficient use of energy and its conservation, any designated consumer referred to in clause (b) to get energy audit conducted by an accredited energy auditor in such manner and at such intervals of time as may be specified by regulations;(d) designate any agency as designated agency to coordinate, regulate and enforce provisions of this Act within the State;(e) take all measures necessary to create awareness and disseminate information for efficient use of energy and its conservation;(f) arrange and organise training of personnel and specialists in the techniques for efficient use of energy and its conservation;(g) take steps to encourage preferential treatment for use of energy efficient equipment or appliances;(h) direct, any designated consumer to furnish to the designated agency, in such form and manner and within such period as may be specified by rules made by it, information with regard to the energy consumed by such consumer;(i) specify the matters to be included for the purposes of inspection under sub-section (2) of section 17;

- 16 (1) The State Government shall constitute a Fund to be called the State Energy Conservation Fund for the purposes of promotion of efficient use of energy and its conservation within the State.
- (2) To the Fund shall be credited all grants and loans that may be made by the State Government or, Central Government or any other organization or individual for the purposes of this Act.
- (3) The Fund shall be applied for meeting the expenses incurred for implementing the provisions of this Act.
- (4) The Fund created under sub-section (1) shall be administered by such persons or any authority and in such manner as may be specified in the rules made by the State Government.
- 17 (1) The designated agency may appoint, after the expiry of five years from the date of commencement of this Act, as many inspecting officers as may be necessary for the purpose of ensuring compliance with energy consumption standard specified under clause (a) of section 14 or ensure display of particulars on label on equipment or appliances specified under clause (b) of section 14 or for the purpose of performing such other functions as may be assigned to them.
- (2) Subject to any rules made under this Act, an inspecting officer shall have power to -
- (a) inspect any operation carried on or in connection with the equipment or appliance specified under clause (b) of section 14 or in respect of which energy standards under clause (a) of section 14 have been specified;
- (b) enter any place of designated consumer at which the energy is used for any activity and may require any proprietor, employee, director, manager or secretary or any other person who may be attending in any manner to or helping in, carrying on any activity with the help of energy -
- (i) to afford him necessary facility to inspect -
- (A) any equipment or appliance as he may require and which may be available at such place;
- (B) any production process to ascertain the energy consumption norms and standards;
- (ii) to make an inventory of stock of any equipment or appliance checked or verified by him;
- (iii) to record the statement of any person which may be useful for, or relevant to, for efficient use of energy and its conservation under this Act.
- (3) An inspecting officer may enter any place of designated consumer -
- (a) where any activity with the help of energy is carried on; and

(b) where any equipment or appliance notified under clause (b) of section 14 has been kept,

During the hours at which such places is open for production or conduct of business connected therewith.

(4) An inspecting officer acting under this section shall, on no account, remove or cause to be removed from the place wherein he has entered, any equipment or appliance or books of accounts or other documents.

Power of
Central
Government or
State
Government to
issue
directions

18 The Central Government or the State Government may, in the exercise of its powers and performance of its functions under this Act and for efficient use of energy and its conservation, issue such directions in writing as it deems fit for the purposes of this Act to any person, officer, authority or any designated consumer and such person, officer or authority or any designated consumer shall be bound to comply with such directions.

Explanation – For the avoidance of doubts, it is hereby declared that the power to issue directions under this section includes the power to direct

–

(a) regulation of norms for process and energy consumption standards in any industry or building or building complex; or

(b) Regulation of the energy consumption standards for equipment and appliances.

Power of State
Governments
to make rules

57 (1) The State Government may, by notification, makes rules for carrying out the provisions of this Act and not inconsistent with the rules, if any, made by the Central Government.

(2) In particular, and without prejudice to the generality of the foregoing power, such rules may provide for all or any of the following matters, namely: -

(a) energy conservation building codes under clause (a) of section 15;

(b) the form, the manner and the period within which information with regard to energy consumption shall be furnished under clause (h) of section 15;

(c) the person or any authority who shall administer the Fund and the manner in which the Fund shall be administered under sub-section (4) of section 16;

(d) the matters to be included for the purposes of inspection under sub-section (2) of section 17

any other matter which is to be, or may be, prescribed, or in respect of which provision is to be made, or may be made, by rules.



Energy Management centre, Kerala gets highest funds under energy conservation programmes

Lok Sabha

State Level Action Plans for energy efficiency and conservation are being formulated and implemented by State Designated Agencies (SDAs) since 2007-08. This includes programmes for technical assistance / consultancy, capacity building, awareness generation and development of web enabled platform.

This was stated by the Minister of State for New and Renewable Energy, Shri Vilas Muttemwar in a reply to a question by Shri Girdhari Yadav in Lok Sabha. Details of funds released to SDAs in different States, yearwise, are given in Annexure.

Details of funds released during 2007-08 and 2008-09

Name of the State Designated Agency (SDA)	Rs.in lakh	
	2007-08	2008-09
Energy Management Centre (Kerala)	89.60	106.46
Non-Conventional Energy Development Corporation AP Ltd. (Andhra Pradesh)	42.65	44.74
Renewable Energy Agency of Puducherry (Puducherry)	14.00	6.30
Inspectorate of Meghalaya (Meghalaya)	18.73	0.00
Haryana Renewable Energy Development Agency (HAREDA)	49.00	56.70
Punjab Energy Development Agency (PEDA)	33.60	63.00
Govt. of Tamil Nadu Electrical Inspectorate (Tamil Nadu)	47.50	40.53
Karnataka Renewable Energy Development Limited (Karnataka)	28.35	52.50
Rajasthan Renewable Energy Corporation Ltd. (Rajasthan)	26.43	47.88
Madhya Pradesh Urja Vikas Nigam Ltd., Bhopal (Madhya Pradesh)	32.20	68.95
Uttar Pradesh Power Corporation Ltd. (Uttar Pradesh)	30.26	61.25
Office of Chief Electrical Inspector-cum-Advisor (Assam)	26.40	33.25
"Electricity House", Department of Power *(Nagaland)	18.06	36.83
Chhatisgarh State Renewable Energy Development (CREDA)	33.64	53.34
Maharashtra Energy Development Agency (Maharashtra)	48.50	22.05
Bihar Renewable Energy Development Agency (Bihar)	32.55	10.50
Gujarat Energy Development Agency (Gujarat)	32.52	46.00
Office of Electrical Inspector to Govt. of Uttarakhand (Uttarakhand)	32.76	61.95
West Bengal State Electricity Distribution Company Limited (West Bengal)	46.50	50.75
Himachal Pradesh State Electricity Board	18.20	9.45

Arunachal Pradesh Energy Development Agency (Arunachal Pradesh)	14.05	48.19
Energy Department, Govt. of Jharkhand (Jharkhand)	4.10	0.00
Government of Mizoram, Power & Electricity Department (Mizoram)	5.80	39.06
Government of Manipur, Electricity Department (Manipur)	4.20	0.00
Office of Electrical Inspectorate, Govt. of Orissa	0.00	53.80
Office of Electrical Inspectorate, Govt. of Union Territory, Chandigarh	0.00	67.02

India's Oil Import Bill – Interesting Figures about Naphtha imports and exports!

India's crude oil import bill has jumped over 40 per cent to USD 68 billion in 2007-08 on relentless rise in international prices.

The nation imported 121.672 million tons of crude oil for USD 67.988 billion in 2007-08 as opposed to 111.502 million tons imported for USD 48.389 billion previous year, according to the latest data released by the Petroleum Ministry in New Delhi.

In rupee term, the import bill has risen 24.5 per cent to Rs 2,72,699 crore as against Rs 2,19,029 crore previously.

The country also imported 22.716 million tons of products like naphtha, LPG and kerosene for USD 15.255 billion (Rs 61,504 crore). 2.829 million tons of LPG imports cost USD 2.135 billion (Rs 8,563 crore) while **5.965 million tons of naphtha cost USD 4.565 billion (Rs 18,401 crore)**. In 2006-07, India imported 17.66 million tons of products for USD 9.968 billion (Rs 41,160 crore).

Fuel exports grew 17 per cent to 39.327 million tons earning USD 26.771 billion (Rs 1,07,603 crore). Diesel at 14.308 million tons for USD 10.178 billion (Rs 40,871 crore) was the biggest contributor. **Naphtha exports at 9.297 million tons fetched USD 6.790 billion (Rs 27,365 crore)**. Petrol and aviation turbine fuel were other major products exported.

The net oil import bill (crude oil import plus product imports minus exports) stood at USD 56.473 billion (Rs 226,600 crore) as compared to USD 39.549 billion (Rs 179,095 crore) of 2006-07.

Fuel consumption in the country grew by a healthy 7 per cent to 129.235 million tons with mainstay diesel demand growing at 11.1 per cent to 47.637 million tons. LPG demand grew 10.6 per cent to 11.996 million tons while petrol consumption was up 11.2 per cent at 10.327 million tons.

Issue of empanelment of Certified Energy Auditors with SDAs

Editorial Notes: After studying hard and paying Rs.10,500/- towards certification examination fee to qualify as 'Certified Energy Auditors', the state designated agencies are still insisting on their own criteria for empanelment of such auditors to practice. It appears that the SDA officials are in collusion with the established audit agencies and purposely trying to create 'entry barriers'. IAEMP members raised this issue with BEE officials but no solution has been found till date. A more 'fresher friendly' empanelment procedure could have helped in creating much needed expertise.

Bureau of Energy Efficiency
New Delhi – 110 066

Dear Sir,

SUB: Rs. 7,000/- CHARGES FOR REGN EMPANELMENT & Rs. 3,500/- FOR RENEWAL OF REGN BY NEDCAP HYDERABAD – SDA.

REF: Our email and letters dated 20-04-2008, 26-04-2008

1. We have received the letter from NEDCAP Hyderabad to pay above amount for renewal of Regn for 2008 – 2009.
2. REGRET you do not reply / care for your CEAs while you are National Guardian for Energy / CEA.
3. You have informed that SDA should not charge any fee for Regn.
4. May we request you to kindly direct NEDCAP, Hyderabad not to charge and renew our registration?
5. 02-05-2008 is the last date for submission.

(R.A.SHARMA)

Dear Shri Chakarvarti ji,

Kindly refer to the recent correspondence by Our Immediate Past President, Mr RA Shama on the subject matter and discussions on the issue.

This is to request you to pl. issue necessary circular to all DAs instructing them NOT to charge any registration fee to all CEAs and also to instruct them to refund the fee charged by them.

Special concessions of this kind will go a long way in building up confidence of all CEAs and enhance their self-esteem and prestige.

With kind regards,
(SK Sood)
President,IAEMP

Shri K.K.Chakarvarti
Dear Sir,
Sunny Greetings.

I am referring to your earlier email correspondence with me in Dec. 2006. Please refer to point no. 3 below, which I have highlighted in red color. You have clearly mentioned that BEE has asked SDAs not to charge any empanelment fees. Please pass on the copy of such correspondence to us. The very purpose of this demand is that NEDCAP is asking for Rs. 7000/- for empanelment and Rs. 3500/- for renewal of empanelment. Our members are protesting this and has written / emailed complaints to BEE, but it seems that at present nobody is listening. Your reply to us and also directives to SDAs asking them not to charge any such fees will be of a great help. Expecting your cooperation in this regard.

Prof. Ajay Chandak.
IAEMP Member.
Shamgiri, Agra Road, Deopur, DHULE: 424005

Dear Sirs,

BEE as well as SDA wont generate opportunities for CEA's and asking us to pay useless registration FEE for what they only know.

I am not able to understand the role of SDAs. Can any one make it clear pls ??

RAVI SHANKAR

ENERGY QUIZ

Let's tickle your brains with a simple energy quiz!
Check your answers at the end. Don't cheat!

1. Which one is not fossil fuel?
 - a. Oil
 - b. Wood
 - c. Coal
2. Which is the best type of coal in terms of purity?
 - a. Lignite.
 - b. Anthracite.
 - c. Bituminous.
3. What is meant by coal liquefaction?
 - a. Washing coal to remove impurities.
 - b. Turning coal into natural gas.
 - c. Turning coal into syncrude.
4. Which country produces the most commercial nuclear power?
 - a. United States
 - b. United Kingdom
 - c. Canada
5. Which is the largest coal producer in the world?
 - a. Germany
 - b. Russia
 - c. China
6. Where does most of the energy on Earth come from?
 - a. Earth's centre
 - b. The Sun
 - c. The planet Mars

7. How much carbon dioxide is released into the air for every litre of petrol an average car uses?

- a. 2.5 Kg
- b. 24 Kg
- c. 0 Kg

8. Which of the following activities contributes the most to global warming?

- a. Riding scooters
- b. Cutting down trees
- c. Using fossil fuels for energy-

9. How much of energy used around the world comes from fossil fuels?

- a. 10%
- b. 40%
- c. 90%

10. Which of the following can not be used to power an alternate-fuel vehicle?

- a. Liquefied petroleum gas (propane)
- b. Methanol
- c. Electricity
- d. Coal

Answers

1. b 2. b 3. c 4. a 5.c 6.c 7.a 8.c 9.c 10.d

So, how much did you score?

9-10: Super! You're quite the energy whiz.

7-8: Pretty good! You can do better.

5-6: Not bad! Learn more.

0-4: Watts up? Don't give up.

IAEMP NEWS

Recognition of IAEMP and invitation by the Commissioner of Industries, Government of Andhra Pradesh, Hyderabad.

The Urja Watch is proud to inform readers that the Commissioner of Industries, Andhra Pradesh has invited IAEMP's president to participate in a meeting being chaired by the Chairman India Trade Promotion organization, New Delhi. The invitation reflects recognition of IAEMP as one of the important players in India's growing energy and environmental sectors. Here is the gist of the letter - Editor

Ref: Letter No.C& EP /B1/707/08/449 Dt 18-10-2008.

The city of Hyderabad in Andhra Pradesh will host the twin events of "Envirotech 2008" and "Energy Tech 2008" during November 14-17, 2008. The India Trade Promotion Organization is organizing the event in collaboration with The Energy and Resources Institute (TERI) and Government of India's Bureau of Energy Efficiency (BEE).

The Commissioner of Industries, Government of Andhra Pradesh in coordination with the Federation of Andhra Pradesh Council of Commerce and Industries (FAPPCI) is mobilizing participation at this event.

The Commissioner invites IAEMP president to participate in a presentation meeting in Hyderabad on October 23, 2008. The meeting will be chaired by Chairman India Trade Promotion organization, New Delhi.

India is the cradle of the human race, the mother of history, the grandmother of legend and the great grandmother of tradition. The most valuable and the most instructive materials in the history of man are treasured up in India only.

Mark Twain (1835-1910), American writer

UPCOMING EVENTS

Carbon Foot Prints –

Sources, Strategies, and Solutions, November 13-14, 2008

Hyderabad

Organized by The Institution of Engineers, APSC and APTRANSO

Contact: ecmhyd@gmail.com

SAVE ENERGY 2008 - Xchange Mela and Exhibition, November 14-16, 2008

Hyderabad

Organized by The Institution of Engineers, APSC and APTRANSO

Contact: ecmhyd@gmail.com

Sustainable Manufacturing Summit Europe, November 17-18, 2008

Brussels, Belgium

www.greenpowerconferences.com

Clean Tech Summit, November 19-20, 2008

The Palace Hotel, San Francisco, USA

Organized by Gerson Lehrman Group (GLG)

Contact: ebassett@glgroup

Green build International Conference & Expo, November 19-21, 2008

Boston, USA

www.greenbuildexpo.org

Ist Envirotech'08, and "Energy Tech'08", December 14-17, 2008

Pragati Maidan, New Delhi

Organised in collaboration with The Energy and Resources Institute (TERI) and Bureau of Energy Efficiency, Govt. of India, with support from concerned ministries and other stake holders.

www.indiatradefair.org

www.envirotech-india.com

12th Annual Conference on

Clean Air, Mercury, Global Warming & Renewable Energy

Energy & Environment Conference & Expo, February 1-4, 2009

Phoenix Convention Center, Phoenix, Arizona, USA

www.euec.com

We Need Your Active Participation...

Do you have an area of expertise in energy management? Have you solved a difficult problem or have an interesting case study? Do you want to share a joke with others? Or just have a word of appreciation for this issue. Share your knowledge with others and promote yourself too, by writing to **The Urja Watch**.

You may also tell us about upcoming energy-related events in your area. Be sure to mention the title of the event, organizers, dates, venue, city, and contact information to get more details of the event.

Please note the following points while making your submissions:

- ❖ Articles must be original, in electronic version, 500 words or less. If you are using material from external sources, please acknowledge them.
- ❖ Please include contact information (full name, title/organization, phone numbers, and email ID) with your submission.
- ❖ Articles should be in MS word, easily readable font, preferably Arial size 12.
- ❖ Please e-mail your submissions to Editor, “The Urja Watch” at tellsubi@gmail.com
- ❖ There are no deadlines for submissions. You may submit articles anytime.
- ❖ We reserve the right to edit, rewrite or reject any article.

We Need Your Feedback Too!

Please write your views and suggestions to the editor at: tellsubi@gmail.com
Letters must include the writer's name, address, phone and email ID.

We appreciate your feedback and thank you for your support.

Disclaimer: This newsletter is published by the Indian Association of Energy Management Professionals (IAEMP). It is intended for IAEMP's existing and potential members who are interested in energy management and IAEMP's activities. It does not imply endorsement of the activities, individuals or organizations listed within. Views expressed in this newsletter are entirely those of the authors and not necessarily that of IAEMP or the editorial board.

An Invitation to join

**" INDIAN ASSOCIATION OF
ENERGY MANAGEMENT PROFESSIONALS"
(Conscience Keepers to nation on energy matters)**

Our Mission:

**To achieve India's Energy Independence by the year 2022
(The Platinum Jubilee year of our political independence)**

Our Background & Achievements so far:

- Conceived on Republic Day, 26th January'2006. Most of our members are Certified Energy Auditors/Energy Managers eligible to practice under EC Act,2001.
- Registered under A.P. Societies Registration Act,2001 on 29th August,2006 (Regn.No 1185 of 2006)
- IAEMP is the only association of its kind in India with presence in all parts of the country. Our members are invited in conferences/seminars/TV programmes and other mass media channels to speak on energy conservation and efficiency.
- Our association is managed by Central Council elected from the members from all parts of the country .Election for Central Council members & Office Bearers were held in Feb'07.Elections for new council members and office bearers will be held in Feb'09.
- We have a very active Yahoo group, iaemp@yahogroups.com to enable members to exchange information and ideas. Many good ideas are exchanged through e-mails within hours. Yahoo! India had recognized our group as one of the best and was selected for publicity.
- IAEMP has prepared a 'Vision Document' with a 'Time Bound Action Plan' on "How India can become 'Energy Independent' by the year 2022".For the first time such an exercise has been attempted in the country.
- "The Urja Watch", a monthly magazine is published by the association to address issues related to energy sector.
- "Energy Information and Training Centre" at Bangalore was opened on 1st August'08 to provide practical training on Home/Office Energy Management.

We intend to provide much needed leadership to the country in the field of energy management. If you would like to be part of the historical movement and work as 'Conscience keepers to nation on energy matters' then pl. feel free to write to us. :

Indian Association of Energy Management Professionals

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e-mail: sunilsolar@yahoo.co.in , mobile: 09241778871.09901911910