

**India- IEA Joint Workshop on
“Energy Efficiency in Buildings and Building Codes”
4th & 5th October, 2006
Napoleon-II Hall, Hotel Le Meridian, New Delhi
Final AGENDA**

Wednesday, October 4th, 2006

10:00 – 11:00	I. OFFICIAL INAUGURATION
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| 10:00 – 10:02 | Lighting of the Lamps |
| 10:02 – 10:10 | Welcome address (Mr. U.N. Panjiar – Additional Secretary, Ministry of Power) |
| 10:10 – 10:25 | Address (Ambassador William C. Ramsay – Deputy Executive Director, IEA) |
| 10:25 – 10:40 | Key Note address (Mr. R.V. Shahi – Secretary, Ministry of Power) |
| 10:40 – 10:55 | Inaugural Address (Dr. M S Ahluwalia, Hon’ble Deputy Chairman, Planning Commission) |
| 10:55 – 11.00 | Vote of thanks (Dr. Ajay Mathur – DG, BEE) |
| <i>11:00 – 11:15</i> | <i>TEA BREAK</i> |

11:15 – 11:30	II. Current status of Energy Efficiency in Building Codes in India
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Chair: Mr. U.N. Panjiar, Additional Secretary, MOP
Speaker: Dr. Ajay Mathur, Director General, BEE

11:30 –12:45	III. The Need for Energy Efficiency in buildings and Building Codes: Stakeholder perspectives
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Co-Chairs: Mr. A. Chakrabarti, Director General, CPWD &
Ms. Dagmar Graczyk, Manager for South Asia, IEA

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| 11:30 – 11:45 | Energy efficiency improvement in buildings
(Shri. N. Nagarajan, Chief Engineer – CPWD) |
| 11:45 – 12:00 | Energy Efficiency in Buildings and Building Codes
(Mr. K.K. Bhattacharya, Executive Director, DLF and Mr. Bhupender Singh, DM) |
| 12:00 – 12:15 | The view from the States:
(Mr. R R Patil, Maharashtra Energy Development Agency) |

12:15 – 12:45 Discussion

12:45 – 13:00 **LUNCH**

13:00 – 14:45 IV. Reviewing the Experience

Co-Chairs: Mr. Ajit K. Gupta, Advisor & Head, UICA Group, MNES &
Mr. Sanjay Prakash, Architect

13:30 – 14:00 Experiences of OECD country with building codes & energy efficiency retrofitting: Achievements and failures (Mr. Jens Laustsen, Energy Efficiency Analyst, IEA)

14:00 – 14:30 1. Developing countries experience with building energy codes and energy efficiency in existing buildings (Prof. Arvind Krishan, School of Architect & Planning, New Delhi)
2. Prof. Surapong Chirarattananon, Asian Institute of Technology, Thailand)

14:30 – 15:00 Discussion

15:00 – 15:15 **TEA BREAK**

15:15 – 17:15 V. Addressing Barriers to Implementation and Institutional Need

Co-Chairs: Mr. Rakesh Mehta, Principal Secretary (Energy), Government of Delhi &
Ambassador Ramsay, Deputy Executive Director, IEA

15:15 – 15:45 Operational framework to promote energy efficiency in building codes (Ms. Smita Misra, Director, Harayana Renewable Development Agency, Chandhigarh)

15:45 – 16:15 Incorporating Energy Performance Requirements into Building Codes across many climate zones: Australia's experience (Mr. Gene McGlynn, Assistant Secretary, Australian Greenhouse Office)

16:15 – 16:45 Establishing capacity in implement energy efficiency in building codes and in large residential complexes – what will be needed? (Ms. Monali Ranade & Ms. Preeti Soni, UNDP/GEF)

16:45 – 17:15 Discussion

Thursday, October 5th, 2006

9:00 – 12:00 VI. Evaluation & Financial Issues

Co-Chairs: Dr. V.K. Garg – CMD, PFC &
Mr. Debashish Majumdar – CMD, IREDA

- 9:00 – 9:30 International Experience in building codes with verification, monitoring and enforcement - Are sticks needed?
(Professor Y Joe Huang, Lawrence Berkley National Laboratory)
- 9:30 – 10:00 Financing energy efficient buildings – Are carrots needed and if so how many?
(Mr. Bernard Cornut ADEME, France)
- 10:00 – 10:30 *TEA BREAK*
- 10:30 – 11:00 Financing Energy Efficiency projects
(Speaker: Dr. G.C. Datta Roy, DSCL, New Delhi)
- 11:00 – 11:30 Rating of Buildings: The Indian Experience (Ms. Milli Majumdar and Mr. Pradeep Kumar, TERI)
- 1:30 – 12:00 Discussion

12:00 – 13:00 Valedictory Panel Discussion – A Strategy for Success

Draft Workshop Statement – BEE/IEA

Panelists:

Secretary, Ministry of Power

Secretary, Ministry of Environment & Forests

Ambassador Ramsay, Deputy Executive Director, IEA

13:30 *LUNCH*
