



AHEC
IIT Roorkee

**International HIMALAYAN
SMALL HYDROPOWER SUMMIT**
(October 12 - 13, 2006)
Venue - Hotel Viceroy Inn, Dehradun



उत्तरांचल शासन
Govt. of Uttarakhand
Dehradun

Oct. 10, 2006

PROGRAMME

October 12, 2006 (Thursday)

0900-1015 Registration

1030-1130 Inaugural Session:

Chief Guest -**Mr N.D. Tiwari**, Hon'ble Chief Minister, Govt. of Uttarakhand

Guest of Honor -**Mrs Amrita Rawat**, Hon'ble Minister of State for Energy, Irrigation,
Women Empowerment, and Child Welfare, Govt. of Uttarakhand
-**Mr Satpalji Maharaj**, Hon'ble Vice-Chairman, 20 Point Programme
Implementation Department, Govt. of Uttarakhand
-**Prof. S.C. Saxena**, Director, IIT Roorkee
-**Mr M. Ramchandran**, Chief Secretary, Govt. of Uttarakhand
-**Dr. J. Vinanchiarachi**, Principal Adviser To Director General, UNIDO,
Austria
- **Mr I K Pande**, Infrastructure Development Commissioner and Principal
Secretary (Finance & Energy), Govt. of Uttarakhand

1130-1200 Tea

1200-1330 Technical session: **Overview of SHP Development in Himalayan Region**

Chairman: **Dr. P Saxena**, Director (SHP), Ministry of Non-conventional Energy Sources,
Govt. of India, New Delhi

Oral Presentations:

1. Mr. Samuel Tumiwa, Senior Energy Sector Specialist, ADB: *Innovative Financing Instruments for Clean Energy*
2. Dr Jebamalai Vinanchiarachi, UNIDO, Austria: *Converting Water into Watts and Watts into Wealth*
3. Mr Einar Ove Andersen, Adger Energi, Norway: *Norwegian Hydropower and New Focus on SHP*
4. Dr P. Saxena, MNES, Govt. of India, New Delhi: *Overview of SHP development In India*

Poster Presentations:

5. Mr V.K. Garg, Director, Hateshwari Om Power Enterprises Pvt. Ltd., Ahmedabad: *SHP in Himalaya*
6. Mr Govind Baidya, CE, NHPC, Faridabad: *Development of Small Hydro*
7. Mr Manoj K Kesharwani, UJVNL, Dehradun: *Overview of SHP Development in Himalayan Region*

1330-1430 Lunch

1430-1600 Technical session: **Institutional Arrangement and Resources Availability**

Chairman: **Mr SP Singh**, Managing Director, UJVNL Ltd., Dehradun

Oral Presentations:

1. Mr John Kurien, Chief General Manager, NABARD, Mumbai: *SHP- Financing*
2. Mr M.P Bhartari, Technical Advisor, Department of Energy UJVNL Ltd.: *Prospects of Development of SHP in Uttarakhand through CDM*
3. Mr. Arun Kumar, Head, AHEC, IIT Roorkee: *Standards and Guidelines for SHP Development in India*
4. Dr AK Saraf, Professor, DES, IIT Roorkee: *Spatial Technologies in Himalayan SHP Development*

Poster Presentations:

5. Mr SP Singh, Managing Director, UJVNL Ltd., Dehradun: *Development of SHP Projects*
6. Mr Kiran Patel, Design Engineer, CFD Analysis Centre, Jyoti Ltd., Gujarat: *New Development of High Head Francis Turbine*
7. Mr S.R. Choudhari, General Manager, MEDA, Maharashtra: *Overview Of SHP Projects In Maharashtra*

1600-1615 Tea

1615-1745 Technical session: **Decentralised Power Generation And Distribution**

Chairman: **Dr MC Joshi**, Director, UREDA, Dehradun

Oral Presentations:

1. Mr Suresh Agrawal, Director (RV), MNES, Govt.of India, New Delhi: *Distributed Generation Using Renewable Sources of Energy*
2. Mr Rohitha Ananda, ITDG, Sri Lanka: *Community Participation in Small Hydro Power Development*
3. Dr Nishantha Nanayakkara, President, Developers Association, Sri Lanka: *Selection of Sustainable Models for Design Build and Operation of Community Based Hydro Projects*
4. Dr. M.C. Joshi, Director, UREDA, Dehradun: *Harnessing of Hydro Power Potential in Uttarakhand*

Poster Presentations:

5. Mr A.K. Barua, Director, AEDA, Guwahati: *Rural Electrification*
6. Mr Sharat Ranjan, UJVNL, Dehradun: *Decentralised Power Generation and Distribution*
7. Dr A.Venkata Ramayya, Jimma University, Ethiopia: *Performance simulation of Cross Flow Turbine For Power Generation*

October 13, 2006 (Friday)

0930-1100 Technical session: **Grid based generation & Electricity regulations for SHP**

Chairman: **Mr JL Bajaj**, Former Chairman, UPERC, Noida

Oral Presentations:

1. Mr Ing. Jorge López Morton, Presidente, Total Energy Systems, Mexico: *Regulations Are Critical*
2. Mr Ashish Kulkarni, TERI: *Electricity Regulations for SHP in India*
3. Ms. Namrata Mukherjee, Research Associate, Area of Regulator Policy, TERI, New Delhi: *International Experience in Regulations*
4. Mr. LP Sinha, Managing Director, BSHPC, Patna: *Hydropower in Bihar*
5. Mr. Arun Kumar, Head, AHEC, IIT Roorkee: *Some Specific Aspects of SHP Projects for Consideration by Regulators*

Poster Presentations:

6. Ms Neha Bansal, UJVNL, Dehradun: *Paper on Electricity Regulations for Small Hydro Power*
7. Mr SK Singal, AHEC, IIT Roorkee: *Impact of Silt on Hydro Turbines*
8. Mr P.N. Bhardwaj, Consultant, HP: *Regulators Role in Small Hydro Electric Projects*

1100-1115 Tea

1115-1300 Technical session: **Community Participation & SHP based livelihood activities**

Chairman: **Prof. AK Pant**, BIT, Bhimtal

Oral Presentations:

1. Mr Mahendra Neupane, ICIMOD, Nepal: *Community Based Rural Energy Development In Nepal*
2. Mr Sandeep Tandon, USAID, New Delhi: *Challenges in Implementing Distributed Generation Projects*
3. Mr Ibrahim Ahmad Shafi, Bangladesh Power Development Board, Bangladesh: *Remote Area Power Supply System*
4. Prof AK Pant, Bhimtal: *Selling Lumens- A New Approach to Electrification of Remote Villages*

Poster Presentations:

5. Ms Lalita Balakrishnan, Member Incharge, AIWC, New Delhi: *Women & Micro Hydro systems*
6. Ms Dipti Vaghela, Gram Vikas, Orissa: *Powering Dignity: Mantra And Micro Hydro*
7. Dr RP Saini, AHEC, IIT Roorkee: *Development of Standard Water Mills*
8. Mr. Vineet Taneja, UJVNL: *Community Participation in SHP Development*
9. Mr. A. K. Tyagi, Chief Project Officer, UREDA, Dehradun: *Off Grid Solutions in Remote Areas*

1300-1400 Lunch

1400-1500 Technical session: **Case Studies**

Chairman: **Mr. S.C. Srivastava**, CEO, HimUrja

Oral Presentations:

1. Mr Arun Sharma, A Power Himalayas, HP: *Development of SHP projects*
2. Mr A.K. Goel, Aleo Manali Project: *Case Study*
3. Dr Z. Ahmed, Professor, CED, IIT Roorkee: *Intake Weir in Himalayas*
4. Mr Manohar Shrestha, Dy. GM, Hydro Lab, Nepal: *SHP and Headworks Modelling*
5. Mr G.S. Ruppal, Consultant, Chandigarh: *Case Study*

Poster Presentations:

6. Mr S.N. Singh, AHEC: *Electrical Load Survey and Forecast*
7. Mr Rahul Sharma, TPSC (India) Pvt. Ltd.: *Hydro – eKIDS, Micro Hydel Turbines*
8. Mr M.K. Singhal, Arun Kumar, AHEC, IIT Roorkee: *Cost Benchmarking for Civil Structures of Micro/Mini Hydro Electric Projects Located in Uttaranchal*
9. Mr. P.D. Nair, Managing Director, Viyyat Power Pvt. Ltd., Trivandrum, Consultant: *Small Hydropower (SHP) Development in the Himalayan Region A Brief History and Few Case Remembrances*

1500-1600 **Concluding session:**

1. Chairman: **Prof. HK Verma**, Professor, Electrical Engineering Department & Dy. Director, IIT Roorkee
2. Panelist:

Mr. I K Pande, Infrastructure Development Commissioner and Principal Secretary, Finance & Energy, Govt.of Uttaranchal

Chairmen of All sessions:

- i) Dr. P Saxena, Director, MNES
- ii) Mr SP Singh, Managing Director, UJVNL Ltd.
- iii) Dr MC Joshi, Director, UREDA
- iv) Mr JL Bajaj, Former Chairman, UPERC
- v) Prof. AK Pant, BIT, Bhimtal
- vi) Mr. S.C. Srivastava, CEO, HimUrja

1600-1615 Tea

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