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SOCIETY OF PETROLEUM ENGINEERS, NEW DELHI SECTION



New Delhi Section
<http://newdelhi.spe.org>

Winner of 2006 SPE President's Award for Section Excellence

SPENDSEC

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NEWS

Chairman's Corner



Dear Member,

The thought provoking talk by Dr R K Pachauri, Director General, TERI in our special December meeting was highly appreciated by all who got the chance to listen to him. I am thankful to all members for supporting our endeavour. The success of the meet can be gauged by the presence of august gathering of distinguished guests, including Mr. Lehmbur Singh, Chairman, SPE India Section and record number of participation.

While discussing on the global issues and challenges for energy and climate change, Dr Pachauri could really drive home the point about developing countries such as India & China for whom the challenge is even greater be it due to their technical status in the world or be it due to fear of getting most affected or be it due to sheer population. But at the same time, it is a great opportunity for developing countries like India to earn huge revenues by implementing various CDM (Clean Development Mechanism) Projects under Kyoto Protocol.

Our constant endeavour is to bring the best industry professionals / Experts to our section meetings so that maximum benefit could be achieved through sharing. And, going one step further, what best could we do in building our nation by showing the right path to the youngsters. In this regard, we have planned to schedule a meeting at the premises of IIT Delhi on January 23, 2007 for the benefit of Student Chapter of SPE, Delhi apart from other budding talents and faculty members to showcase the challenges and opportunities in the E&P industry. I am thankful to the leaders of the industry who have volunteered to guide these young minds.

Apart from this, we are planning to have a family get together shortly in February to ensure that our families also support our cause and efforts.

We thank the corporate sponsors who have come forward to support our activities during this year. We value their participation and look forward to their continued and active support in future as well.

Wishing you and your family a very Happy & Prosperous New Year 2007!!!

A.K. Hazarika

Dr. Pachauri beckons action time to prioritize development with ecological balance

December Special Meeting Report

Sunil Kumar Singh

SPE New Delhi Section organized its special monthly meeting on December 11, 2006 at Hotel Meridein, New Delhi with a rich blend of participation from energy sector. The turn out was splendid. Section Chairman Mr. A.K.Hazarika, Director (Onshore), ONGC, set the tone of the technical meeting with a detailed insight of the energy



Dr. Pachauri speaking during the special section meeting on December 11, 2006 at Windsor Hall, Le Meridien, New Delhi

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Issue Sponsored by **SPENDSEC**

In Response to SPENDSEC Activities



Dear Rahul,

Thanks so much for your note!

I'm so glad of your progresses, since as you well know India and all SPE Sections there (ND in particular) are in my heart forever.

I went through your newsletter (please keep sending EVERY issue) and I was impressed by the overall quality; I liked Terry Thomas note stimulating India to set YP programs, and I'm extremely pleased that you are starting such a program in Delhi.

You will get terrific fruits out of it.

With all the good wishes for the holiday Season and the New Year to you, your family and all SPE members in India.

Giovanni Paccaloni
SPE 2005 President

January Meeting Tuesday, January 23, 2007 Technical Challenges and advancement in the E&P Industry

Organised by SPENDSEC along with New Delhi
SPE Student Chapter

Exclusively for the Students and invited guests.



Venue : Seminar Hall, IIT, New Delhi

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Wishing You Merry Christmas, Eid and a Prosperous New Year

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Mr. Hazarika delivering the welcome address.

concerns with a particular reference to India. Program Chair, Ian Galbreath, introduced the distinguished speaker – with a caution that Dr Pachauri hardly needed one.

Dr R. K. Pachauri, Director General - TERI, in his presentation was silky and effortless. Speaking on "Challenges for Industry - Energy and Climate Change", he held the audience in a spell and presented the complexities of energy driven economic growth with insight and provocation. The talk demonstrated how a complex issue can be disseminated into logical chunks, awaiting solution (so to say). The topic was familiar, but the treatment and insight was fabulous. Its perspective was total, details were close to ground realities and conclusions had far reaching impact on the way developing countries are changing pace, while harnessing energy (resource). He said that developing economies like India and China needed to prioritize their development in a major way. In this rush to growth and development, developing countries have to weigh options with utmost care. He quoted Gandhi who said if British needed to concur half the globe to attain affluence, then India, with its size, would require six globes to reach that affluence. Indeed, it would be foolish to duplicate history. Perspective of development changes with time as the resource base for most of the world (now developing) has shrunk considerably. The economic growth per se, therefore, is a dynamic consideration and not a sequential historical event of similar proportion. He predicted a densely populated corridor of 125 million people around Delhi with per capita income of today's Australia in decades to come.

In this context, he showed an interesting curve which records ecological damage vis-a-vis development. The developed societies began with very high ecological damage as they progressed. Subsequently, however, they not only



controlled the degradation but as a matter of fact corrected the imbalance through technology, legislation, taxation, incentives and other such mechanism. Importantly, he said developing societies have to incision this dome (curve) of ecological damage as they will not reach the peak in the first place! The wisdom of Gandhi, as Dr Pachauri said earlier, was at the foreplay. It would have been hard to visualize, but for Dr. Pachauri, how paddy field in Haryana and Sugarcane crop in Rajasthan might turn out to be an ecological disaster! These are instances of water waste. He said developing countries including India were not mindful of the precious water resource as against Israel and other developed countries, which are making the best use of every single drop.

He pointed that the heat imbalance plays havoc with climate and natural setting, having catastrophic consequences which



Mr. B.M. Singh, Asset Manager Assam accepting a Certificate of Appreciation on behalf of ONGC as Sponsors from Tim O'Sullivan, Sponsorship Chair

act like avalanche. For example, a warmer pole means greater duration for which the surfaces are uncovered from ice; the bare surface, in turn, - being poor reflector - absorbs more heat; more heat then further accentuates warming and so on.. This cycle could be a potential threat to the human existence. A similar situation is likely to arise in the northern belt of India, where higher rate of glacier melting would, though initially increase water throughput in the river, but ultimately would serve a precursor to the dry rivers in this belt. He was upset with the "inactivity" while the problems of ecological disorder is already manifesting in no uncertain terms. He said, global warming is not what we might think to avoid – we are already in it. It is high time that we act. In his simple words, he conveyed the crux of the situation: Why do not we make solar heating system mandatory as part of the completion certificate for housing construction?

Following this brilliant talk, Dr Lehmbur Singh, the Chairperson of SPE India Section, enlightened the audience with additional details emphasizing that India needs a planned development in which Oil and Gas sector can play important role to minimize the impact on ecology. Finally, Chairman Elect, Mr. N.M.Borah, Director (Ops), OIL, proposed an outstanding vote of thanks that ended with a standing ovation to Dr Pachauri for sparing time for SPE New Delhi Section meeting.

Glimpses of December 11, Meeting



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(1OCTOBER-30SEPTEMBER)

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Dr. Kshirsagar receives Regional Service Award at 12th ADIPEC

By Rahul Bali

Dr. L. K. Kshirsagar from Department of Petroleum Engineering, Maharashtra Institute of Technology, Pune attended the 12th Abu Dhabi International Petroleum Exhibition and Conference from 5th to 8th November 2006. Dr. Kshirsagar was honoured with the Regional Service Award, 2006 of the SPE (Middle East Region) at the hands of Conference Chairman Mr. Ali R. Al Jarwan, (General Manager, ADMA-OPCO) in a Gala closing Lunch on 8th November 2006.



Dr. L.K. Kshirsagar with the award (second from right)

The 12th ADIPEC was a grand event with a large number of stalls displaying oil field products marketed by most of the major companies in the world. The conference programme was focused on topics of critical importance such as oil and gas development cycle, drilling improvements environment etc. Over 160 presentations were made covering a wide range of topics and regions. The award presentation ceremony and Gala closing lunch on 8th November 2006 began with a cultural programme on Ayala

Folk music and Arabian Dance. The awards were presented by Ali R. Al Jarwan and Mr. Ali Al Hasan, SPE Middle East Regional Director to recognize outstanding achievements of individuals and companies across the region and their significant contribution to the industry. Best paper, and student winners of Education Day

were also awarded merit certificates. A field trip to the Modern Carbonate Evaporite Depositional Environments of Abu Dhabi sponsored by ADCO and led by Dr. Christian Strohmenger was organized on 9th November 2006. This was indeed a lifetime experience. During this one-day trip Sabkha, Microbial Mat, Skelelal-peloid to Tidal Flat, Lagoon, Ooid Beach etc. environments were studied along the Abu Dhabi coastline.

Following this Dr. Kshirsagar visited Oman for a week to study Geology of Tethys Sediments and related rocks and also interact with the Petroleum industry in Oman.

Membership Status as on November 30, 2006

By Ramendra Sinha, Membership Chair

With our consistent efforts and your cooperation, this section has been able to limit the unpaid status of members to single digit (about 5%). We wish to continue and better our record. Please ensure that your dues are remitted in time as per the dues statement received from SPE. Paid 159 - Unpaid 9 - Total 168

SPENDSEC Welcomes New / Reinstated / Transferred In Members

Mr. Rajesh Bagaria, *Manager(E&P) GAIL* (New)
Mr. Pradeep E. Sr. Officer (E&P), GAIL (New)
Mr. Narendra Kumar, *Manager (E&P), GAIL* (New)
Mr. Rajesh Kumar Mosa, *Dy Project Manager, Cairn Energy India Pty. Ltd.* (New)
Mr. Anbu Selvan, *Manager (E&P), GAIL* (New)
Mr. Abhay Kalyankar, *Chief Engineer (P), ONGC*, Reinstated
Mr. Suresh Kumar Batra, *Deputy General Manager(P), ONGC*, Reinstated
Mr. Timothy O'Sullivan, *Petrophysicist, Cairn Energy India Pty. Ltd.*, Transferred in
Mr. Subodh K Pandey, *Petr Engrg Data Mgmt, Petroleum Development Oman*, Transferred in
Mr. Vishal Ranjan, *Engineer Essar Oil Ltd.*, Transferred in
Mr. Robert J Theriault, *General Manager Operations, Cairn Energy India Pty. Ltd.*, Transferred in

SPENDSEC Bids Adieu to Members on Transfer to Other Sections

Mr. Nikhil Agarwal, *Process Engineer, Shell Global Solutions Intl, Netherlands*
Mr. Sanjeev Kumar, *Sr. Petrophysicist, Shell International B.V., Port Harcourt*
Mr. Niladri K Mitra, *Director Offshore, ONGC, Mumbai*
Mr. Vishal Ranjan, *Engineer, Essar Oil Ltd., India*

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