

## **Report on Seminar On “Energy Security in Gujarat – Challenges and Way Ahead” organised by Government of Gujarat on 19.06.2012**

A full day seminar on the subject “Energy Security in Gujarat – Challenges and Way Ahead” was organised by Industry department and Energy department of Government of Gujarat under Vibrant Gujarat 2013. The seminar was organised at “Mahatma Mandir” – Convention Hall at Gandhinagar on 19.06.2012. The seminar was inaugurated by Shri. Saurabh Patel, Hon. Minister of State for Civil Aviation, Industries, Mines, Minerals, Finance, Energy & Petrochemicals. He delivered keynote Address.

There were many eminent speakers like Principal Secretaries of various departments, Directors of government and private organisations, Directors, presidents and General Managers of various companies related to Power Industries, Academics, etc. Shri. P.M.Shah, Chief Project Engineer, NPCIL-Mithivirdi Project was invited to deliver a talk on the subject ‘Nuclear Energy – An inevitable option for future energy security’. There were about 200 delegates from various government and private organisations.

The seminar duration was from 09:30 AM to 04:30 PM and was divided into four sessions.

- (i) Welcome address, Inaugural Address by Hon. Minister
- (ii) Current Energy Scenario : Sustainable Energy.
- (iii) Panel Discussion : Energy Efficiency.
- (iv) Panel Discussion : Energy Audit in Buildings.

Various speakers delivered presentations / speeches on fuel crisis, energy conservation, renewable sources, latest transmission techniques, power management, etc.

Shri. P.M.Shah, Chief Project Engineer delivered a power point presentation on ‘Nuclear Energy – An inevitable option for future energy security’. He explained the need of Nuclear Energy in India in wake of fuel crisis and depleting energy resources. He explained natural background radiation and radiation due to other sources as well as nuclear power industry. The safety barriers and safety features adopted in Nuclear Power Plant were explained in details. Carbon Emissions from other power plants was discussed.

Questions related to use of thorium were asked and replied satisfactorily.

We also displayed a PHWR NPP working model with running lights, audio commentary, touch screen display and rotating turbine at the venue. The model was kept near the main entrance of the seminar hall. The working NPP model attracted many people and almost all the participants visited model location.

Hon. Minister also visited the place and expressed his pleasure after seeing the working NPP model.

All the eight type of coloured handout cards on Nuclear Power printed in English and Gujarati language were kept on table and almost all delegates taken the cards for further reading. The booklet infosheet were distributed to delegates.

P M Shah

*Shri. P.M.Shah delivering speech*



*Seminar under progress*



*Participants during seminar*



*Shri. P.M. Shah discussing with Hon. Minister*





***Working of NPP is being explained through Model to Hon. Minister***



***Young delegates watching working NPP Model***