

K L University
Department of Electrical & Electronics Engineering
Report on Guest Lecture

Dt.:17-01-2015

Resource Person : Ramaiah Divi, Ph.D,
Date : 17-01-2015
Topic : **An Overview of Alberta's Power Sector**
(Transmission System Planning)
Venue : E-005, EEE Block, K L University

Introduction to Resource Person: Ramaiah Divi, Ph.D, P. Eng. Lead Engineer, System Planning Division, Alberta's Power Sector (Transmission System Planning), Canada.



Ramaiah Divi, Ph.D, P. Eng. Lead Engineer

Guest lecture details: Ramaiah Divi, started the lecture by introducing geographical conditions, population and industrial growth & economics of Canada. Then moved to different states in Canada and explained the details of power sector & the total production of power per annum. D. Ramaiah sir was talking about the importance of load forecasting to asses the requirement of power in near feature so that distribution requirement are met. D. Ramaiah sir is working in Alberta Power Sector. He was talking about the various /different companies engaged in production of Electrical Power in Alberta. In his lecture he said that in Alberta state 60 % of power is produced by Gas based plants and in near eature though coal availability is more in Alberto, thermal power stations are likely to be replaced by Gas based plants. He said wind proved to be costly in Alberto. He was talking about the long term planning, software to be used & alternatives. The lecture was attended by all the EEE faculty members. The lecture started at 3.30 p.m. and ended at 4.40 p.m.