



New facility under development

ERDA is establishing a new 1600 kVp High Voltage Laboratory for conducting high voltage test upto 400 kV systems at Savli near Vadodara. Impulse Voltage Generator of 1600 kVp and High voltage Transformer of 700 kV will be installed to conduct various high voltage tests on electrical equipment.

The pre-shipment inspection of Impulse Voltage generator at Germany has been carried out by ERDA Engineers. The Impulse Voltage Generator and High Voltage Transformer will be commissioned in the month of February 2010.

These high voltage test facilities will be in operation from March 2010.

The following high voltage tests on electrical equipment up to 400 kV system can be carried out in the laboratory:

- Lightning Impulse Voltage withstand Test
- Dry and Wet Power Frequency Voltage withstand Test
- Visible Discharges test
- PD/RIV Test



New Impulse Generator



A view of the new Impulse Laboratory

*For details contact:
 Electrical Research & Development Association
 ERDA Road, GIDC, Makarpura, Vadodara -390 010
 Tel. No: 0265- 2642964, 942, 377, 3043128-131
 Fax: 0265-2638382, E-mail: erda@erda.org*

Training Course calendar for the year 2010		
No.	Title	Dates
1.	Measurement Uncertainties in Testing and Calibration	15 June 2010
2.	Evaluation of Solid Insulating Materials Used in Electrical Industry	13-14 July 2010
3.	Quality Assurance of Wiring Accessories - Switches, Plugs and Sockets	10-11 Aug 2010
4.	Condition Monitoring of Motors, Generators, Pumps and Turbines	26-29 Aug 2010
5.	Safety and Performance Evaluation of Lamps and Luminaire	14-15 Sept 2010
6.	Calibration of High Voltage Equipments	28 Sept 2010
7.	Design Aspects and Performance Evaluation of Motors and Pumps	12-13 Oct 2010
8.	Performance Evaluation of Distribution Transformers under Short Circuit and Impulse Test Conditions	19 Oct 2010
9.	Performance Evaluation of Electrical Equipment for IP Requirement	20 Oct 2010
10.	Condition Monitoring and Health Assessment of Power Transformers	23-24 Nov 2010
11.	Design, Evaluation & Compliance of Energy Meters, EMI / EMC (AnEchoic Chamber) and CE Marking	29-30 Nov 2010
12.	Evaluation of Cables and Accessories	07-08 Dec 2010
13.	Two day Workshop on Failure Analysis of Power Plant Components	18-19 Dec 2010