

Seminar 27 Monday June 18, 2001**POWER QUALITY IN LIBERALIZED MARKETS**

9:00am – 6:00pm

Instructor: Univ.-Prof. Dr. Günther Brauner
Institute of Power Systems and Energy Economics
Technische Universität Wien, Austria

ABOUT THE INSTRUCTOR

Univ.-Prof. Dr.-Ing. Günther Brauner, Diploma in Electrical Engineering at Darmstadt University of Technology, Dr.-Ing. (thesis) in the field of high-voltage technology at same University. For 14 years in power industry, working in the field of power system simulation, protection, network planning, power system dynamics and power quality. Since 1990 full professor for power systems at Vienna University of Technology.

Main field of research: power quality - measurement and simulation, system simulation, protection, energy economics and automation in liberalized market.

CONTENTS

- Power quality point of view of utility, public, industrial and private consumer and regulator
- Power quality criteria: national and international standards, GridCode and DistributionCode
- PQ-planning in LV- and MV-networks
- PQ under distributed generation (windfarms, biomass generation, small scale hydro power)
- Sensitivity of low voltage consumers due to voltage dips
- Harmonics and flicker
- Costs of non delivered energy due to short and long term interruption
- Costs of uninterruptible power supply versus network costs
- Marketing of power quality

WHO SHOULD ATTEND

Utility Members in the field of Power Quality
Industry
Science