

## **PMAPS2006 Workshop on The effects of regulation on reliability of power supply**

Chairman: Professor Roland Eriksson KTH

### **Summary of the session**

The Network companies responsible for distribution of electricity have in reality a monopoly within their area. The national regulators set up rules and review of the tariffs and the performance of the networks. Ideally the regulation should provide incentives for the network companies to optimally develop and operate the network. In this context the reliability of supply should correspond to an optimal balance between customer outage costs and costs for network investments and operation.

The objective of the session is to provide information on and to discuss how the network regulation will effect the reliability of electricity supply. Key issues will be outage costs and a review of present regulations of quality of supply and their effects.

The workshop is divided into two parts each around 45 minutes. In the first part two invited speakers will provide information on customer outage costs and network regulation followed by short comments by the from the Swedish regulator and a network company. The second part is a panel session including the speakers for discussion with the audience.

### **Invited speakers**

Professor Roy Billinton, University of Saskatchewan, Canada: “Invited speech on Customer outage costs”

Dr Luco lo Schiavo, Autorita per l’energia elettrica e il gas, Italy: “Invited speech on Quality regulations and experiences in Europe”

Dr Rémy Kolessar, Energimarknadsinspektionen, Sweden: “Comments from the Swedish regulator”

Dr Jan Sundell, Vattenfall, Sweden: “Comments from a network company”