

Media Release

REL's Secondary SCADA goes Online

- **Better power quality and reduced power interruption time by 60%**
- **First ever Indian power utility to deploy Secondary SCADA in large scale**
- **Techno savvy REL goes further high-tech**
- **Fault Passage indicators to pinpoint exact faulty section instead of "trial and error" method.**

Mumbai, 20th March 2007: Buoyed by the success of having commissioned a primary SCADA (Supervisory Control and Data Acquisition) to control bulk power flow, Reliance Energy has installed the Secondary SCADA for better control of power near the consumer end. Reliance Energy Limited, the leader in adopting several latest technologies to improve the quality of power to its consumers, has now gone further high-tech to ensure better quality power with minimum interruptions to its consumers.

Currently, field personnel attending to various faults, had to physically visit the substation for operation of the Ring Main Units or the switches in substations. In a crowded city like Mumbai, especially during peak hours, this could take anywhere between 20-40 minutes. However with the commissioning of secondary SCADA the Switch operation can be done instantly from the control center. This helps in quick restoration of power supply to the affected areas and reduces power interruption time by upto 60%.

"REL's Secondary SCADA has been installed and commissioned in one of the Five zones of its network area, (Central Zone – Goregaon to Kandivali) controlling approximately 140 automated-substations. The successful operation of Secondary SCADA has given confidence in the technology and REL now proposes to extend the secondary SCADA for the remaining 4 zones" a spokesperson said.

Apart from the Secondary SCADA, REL has started deploying Fault Passage Indicators (FPI) in all of its substations. This device helps in pin-pointing the faulty sections. No trial and error will be required to identify the faulty section thus reducing the time required for isolation of a fault and restoration of healthy sections.

Reliance Energy Limited:

Reliance Energy Limited, incorporated in 1929, is a fully integrated utility engaged in the Generation, Transmission and Distribution of electricity. It ranks among India's top listed Private companies on all major financial parameters, including assets, sales, profits and Market Capitalization. A constituent of the Reliance – Anil Dhirubhai Ambani Group, Reliance Energy is

India's foremost private sector utility with aggregate estimated revenues of Rs 9,500 crore (US\$ 2.1 billion) and total assets of Rs 10,700 crore (US\$ 2.4 billion).

Reliance Energy distributes more than 21 billion units of electricity to over 25 million consumers in Mumbai, Delhi, Orissa and Goa, across an area that spans 1,24,300 sq. kms. It generates 941 MW of electricity, through its power stations located in Maharashtra, Andhra Pradesh, Kerala, Karnataka and Goa. Reliance Energy is currently pursuing several gas, coal, wind and hydro-based power generation projects in Maharashtra, Uttar Pradesh, Arunachal Pradesh and Uttaranchal with aggregate capacity of over 12,500 MW. These projects are at various stages of development. Reliance Energy is vigorously participating in emerging opportunities in the areas of trading and transmission of power. It is also engaged in a portfolio of services in the power sector in Engineering, Procurement and Construction (EPC) through a network of regional offices in India.