

## This event at LUMS talked about a different perspective to the electricity problems in Pakistan (November 9, 2016)

NET-LINE (PVT) Ltd, one of the leading Power Solution companies in Pakistan organized a technical session with IEEE LUMS to raise awareness on the issue of Power Quality in Pakistan. International research indicates that over 25% of Power in Pakistan is lost due to line losses. Companies are bearing financial losses more than billions of rupees annually due to improper power effecting their equipment's. Data Centers, Medical Equipment's, Industrial continuous process machines are some of the worse effected.



### What was the talk about?

Mr. Edward the Area Manager of Socomec UPS which is one of the world's largest and oldest UPS manufacturers, presented on the occasion. "Even if Pakistan's supply and demand gap is bridged miraculously, the problems of Power will not go away because of Power Quality. One must look at the entire Power Degradation Phenomenon cycle from our power plants to our equipment's." Mr. Edward stated. He argued that "in Pakistan most engineers, consultants and solutions designers look at the tag price of the power protection equipment like a UPS, instead of looking at the Total Cost of Ownership." Using a latest animation tools he displayed that a more efficient UPS like the [Socomec Green Power 2.0](#) series can save ten times more the money because it has a Power Factor 1 (kVA=KW) and a 96% efficiency on all modes including online mode.

### Who Participated?

In essence, it was a platform to engage with likeminded people. People who care about this issue and can be torchbearers in making the dream of good quality electricity a reality in Pakistan. So, people from the industry, prominent engineers and engineering students who will become the future of the electric industry participated in this event. There were three main speakers namely Edward Ong from Socomec, Uzair Zavary and Umair Zavary from Net-line Pvt.



All-in- all the event turned out to be a great success with participants who were amazed at the dilemma we face every day and how it goes unnoticed. Vice Chancellor of LUMS – Professor, DR. S. Sohail H. Naqvi speaking on the occasion appreciated the efforts of students, alumni, professionals & experts to come together and discuss such an ignored but critical topic. More than 25% of power generated in Pakistan is lost due to poor distribution of Power.

Pakistan doesn't just have a Power Generation problem, but also a Power Quality problem. This is something that we definitely need to work on.

