

Don't hesitate to share your thoughts and experiences.



I am a protection & control engineer since 1962 and I started my career in English Electric (later GEC Alstom, ALSTOM and now AREVA) - one of the largest manufacturers of protective relays and control and relay panels in India. They have also conducted regularly Protection Application courses that were very well received in the 60s and 70s when the protection philosophy was gaining momentum. Most of the Indian protection engineers in various part of the world would be of English Electric origin. I was pleased to read about Sergei Petrov who was in India during the late 1960's with the Central Electricity authority. We were associated with him in designing and supplying Protection and Control panels for IP Station New Delhi and also when I visited Moscow in 1993 I was fortunate to meet him again. In the photo Mr Bhanu Bhushan (*2nd row 6th person*) and Mr S. S. Aiyar (*1st row last person - right*) were the disciples of Mr Petrov when he was in CEA. Further, we the protection engineers in India, have a high regard for Mr Mata Prasad, for his drive to introduce the latest technology. In his home state he was instrumental in implementing 400 KV transmission and conducted detailed field testing of 400KV system - when field test-

ing was unique and unheard of in those days. He had a passion for protection, despite the work pressure at his position. I also take this opportunity to mention two more Gurus - Mr. W. J. Cheetham of GEC Measurements, Stafford, UK and Mr. Narinder Nath of English Electric who contributed a lot for the protection and control in India during 3 decades.

Regarding the article "*Protection History*" on page 71 of the Spring 2008 issue by Mr. Walter Schossig, I am rather disappointed to see that no mention was made about electro-mechanical distance schemes MM3V and RR3V manufactured by GEC Measurements, Stafford which was also manufactured by English Electric in India and supplied on average of 500 schemes per year for 3 decades - in 60s,70s & 80s.

K.R.Balakrishnan, Chennai, India

I read with interest your article on the *history of distance protection* in the Spring 2008 issue of PAC World magazine. I found the article educational, as well as amusing and humorous. It really is quite an accomplishment to produce an article on the history of digital distance protection without a single mention of Schweitzer Engineering Laboratories (SEL). In distance protection terms, I would say your article "underreached".

As you may know, SEL began producing digital distance relays for the power industry in 1984. If you are interested in learning more, please feel free to contact me or visit our website at www.selinc.com
Karl Zimmerman, SEL - Senior Application Engineer, Belleville, IL, USA

PAC World: Dear Mr. Balakrishnan and Mr. Zimmerman, we appreciate your interest in PAC World and specifically in the History articles. We are trying to do the best we can, based on the information we have available. It is not easy to find everything about the history of the PAC industry. We will appreciate if you, or any other manufacturer that has contributed to the development of PAC technology will provide access to information that will help make the history section more complete.

pac world

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Parent company: OMCRON electronics Corp. USA