Voltage management – some good news for CRC participants
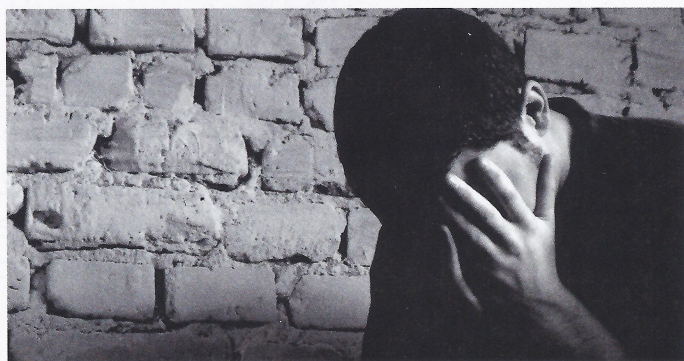

So… you've been captured and are now serving a five-year stretch in the CRC Energy Efficiency Scheme jailhouse. Your meetings with your brief have revealed the harsh reality that there is no chance of parole. Your fellow inmates have subsequently become your competitors and begun activities that will move them up in the warden's eyes, even at your expense. In spite of the jarring unfairness of it all, you've developed an attitude of compliance and aim to become a model prisoner. But just how are you going to get that hard earned "best in cell" performance bonus?

CRC reporting has brought clarity to where and how your practical operations consume grid supplied energy. What you do to reduce your CRC footprint is where the real challenge begins. As a former CRC consultant, I believe that **a comprehensive approach to the reduction of carbon emissions should in all cases, begin with the in-coming supply**. It's a fact that voltage supplied by the national grid is much greater than most buildings require, this inherent inefficiency is known as over-supply. **The carbon emissions associated with over-supply are included in your CRC footprint.**

For many CRC participants spend-to-save budgets are extremely pressurised, so a detailed site survey based on the Carbon Trust's approach to voltage management (VM) would highlight whether it is more cost effective to implement VM technologies, or replace your most inefficient equipment.

Using voltage management technologies provides the best foundation for your future carbon reduction activities. The field has truly evolved since the days of fixed-ratio tap-down transformers.