

Every Step You Take – Optimizing DC Machine Selection Criteria

~ *Duncan Rhodes (retired), Chris Heron (Integrated Power Systems)*

For projects of any kind - including those in process industries - there are usually several stakeholders. One group consists of the “users” who have the equipment responsibility after it is installed: owners, equipment buyers, facilities and process engineers, operations personnel, and maintenance staff. Another group consists of the “vendors”, who have product responsibility prior to installation: application specialists, design engineers, manufacturing and testing personnel, and quality inspection. There may even be cases where a stakeholder is a third party – such as an Authority Having Jurisdiction (AHJ). All try to optimize the specification and selection process to their own criteria. This paper is an attempt to bring those varied criteria out into the open where a suitable balance might be struck before the equipment is purchased (preferred), the equipment is installed (recommended), and the power engaged (required).