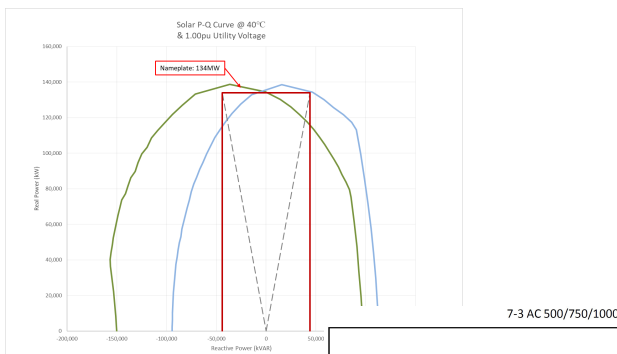


POWER QUALITY STUDIES - DER

The System Planning and Power Quality Division provides our clients with operationally feasible and economically sound solutions to their planning and system validation needs. We offer a full range of power quality studies evaluating the technical and economic feasibility of proposed PV, BESS and microgrid facilities on a utility system. Our studies ensure the plant meets interconnection agreement requirements by assessing real and reactive power flow, voltage flicker, fault current, harmonic currents, possibility of reverse power flow and proper equipment ratings are met.

POWER QUALITY STUDIES AREAS OF SPECIALTY

- Arc Flash Hazard Assessments
- Solar Farm Feasibility & Impact Studies
- Battery Energy Storage Feasibility Studies
- Short Circuit Studies
- Harmonic Studies
- Voltage Flicker Studies
- Load Flow / Reactive Power Studies
- Transient Recovery Voltage Studies
- Transient Overvoltage Studies
- Underground Cable Design & Ampacity
- Dynamic and Transient Microgrid Modeling

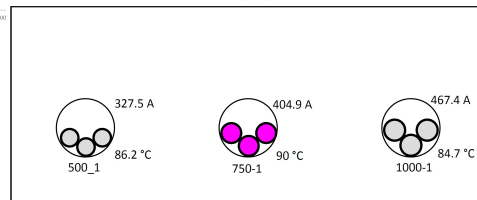


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Booth & Associates

