

Four Keys to Client Satisfaction in Protection Upgrades

1. Use one relay vendor for all your client's substations

It is far more efficient to use a single relay supplier to meet all of your protection needs. Save time by dealing with one set of communication commands, one format of system data, one style of settings, and a single type of substation user interface.

2. Use the same relay models to perform similar functions in different locations

Related to the first key, when you select a relay for feeder protection, make sure that it can serve all your feeder type needs. The same applies to transformer protection and other protection as well. This selection delights clients because it improves the consistency of operation from feeder to feeder, substation to substation.

3. Specify a consistent I/O assignment

Specifying the same contact output or input for tripping, closing, breaker auxiliary contact monitoring, etc. in every installation, saves on protection electrical design, relay setting development, installation, and commissioning costs. Savings are also realized in operation, event data interpretation and routine maintenance costs. Allowing a unique electrical design, not required to solve a particular application problem, wastes technical resources over the life of the installation.

4. Take advantage of monitoring reporting, display, and communication features

New microprocessor-based relays offer tremendous capabilities in substation monitoring, event reporting, operator interface, and equipment condition analysis. Many also have the logic and communication flexibility as well as the accuracy and reliability in measurement and control to act as the eyes and hands of substation integration systems. With these capabilities comes the technical burden of the setting development necessary to correctly enable those functions. Since time and money is being spent to upgrade protection, make sure you get the most value by taking advantage of the excellent non-protection features of these new devices.

EasiLinc Protection Modules by POWER Engineers can help you satisfy your clients by serving these four keys to successful protection upgrade projects. They offer benefits in a number of other areas. For more information on protection upgrades using EasiLinc contact POWER Engineers or visit www.easilinc.com.