

November 10, 2014

To Whom It May Concern:

Piller was introduced to Energy Systems Development, ESD, in 2011 during the design phase of a Combined Heat and Power project involving 1.6MW of microturbines supplying a pharmaceutical manufacturing plant. The project goals were complex: involving the utilization of microturbines to supply both a thermal and a critical electrical load.

Supporting 7 x 24 x 365 power requirements to critical electrical load is not the traditional application (or core competency) of CHP technology manufacturers, thus the project's utilization of microturbines introduced some design challenges that needed to be resolved.

ESD utilized Piller on the design team to help engineer a micro-grid solution that would increase the electrical system's resiliency to grid deviations, overcome the failure of one on-site prime mover, provide the capability of islanding the system seamlessly upon a utility fault, and run thereafter in island operation continuously without disruption. ESD spearheaded the union between the microturbine manufacturer and Piller, because they quickly recognized and understood Piller's global micro-grid experience and ability to solve the project's stated objectives.

During this time, it took both ESD and Piller over six months to convince the microturbine distributors that the integration of the Piller UBT power system and controls would fully realize all of the project goals and objectives for the resilient micro-grid.

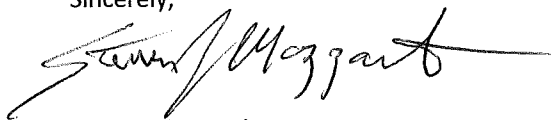
As part of the electrical design, ESD and Piller collaborated on the system controls and the system's sequence of operation. This was a critical step in the project where the system's operational behavior was developed and approved of by the owner's facilities group, and then later fully tested during commissioning.

As the project underwent installation and commissioning, ESD and Piller worked tirelessly in the field to overcome differences between the stated microturbine specification and actual real world observations, in some cases educating the microturbine manufacturer about their own product specifications.

Building a micro-grid comprised of various prime and stand-by movers, controls integration, and energy storage requires an experienced team of developers, manufacturers, engineers, and contractors. These systems require a high level of attention to detail and close communication amongst all parties involved.

Piller is pleased with the result of our partnership with ESD on this project, and we welcome the opportunity to collaborate with ESD on future projects. We hold ESD in very high regard and would highly recommend any owner considering a CHP based micro-grid system to entrust ESD with the design and successful execution of the project.

Sincerely,



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