

Overview of K2

Products:

- Broad range of power generation equipment, including reciprocating and turbine units
- Most equipment is surplus or lightly used, offering savings of 25 – 65% off of price of new equipment
- All equipment provided will be from our inventory or inventory of a qualified partner
- All equipment is tested and certified prior to sale

Integrated Services - we offer/coordinate a broad range of support services tailored to the particular client/project needs:

- Initial requirements support (power, sound, emissions, physical/electrical integration considerations)
- Install/de-install services and logistics
- Integration with outside parties and requirements (air quality, utility, etc.)
- Marketing and selling of any equipment needing to be replaced or upgraded
- Commissioning and training
- After-implementation support programs

Company and Team:

- Young company (less than 2 years old), headquartered in Austin, TX
- Founded to offer full range of “value” equipment, along with full range of services expected if buying new
- Belief in tailoring the right equipment and services for the client/project, without preference to a particular brand or service provider
- Principal team members bring decades of experience in power gen to every project

Example Project: 5MW Continuous Duty LNG Plant for Land Developer Off the Grid

Customer: Very large land developer headquartered in California

Project requirements:

- Provide 5MW power plant to run in remote location
- Equipment to provide continuous-duty power
- Ultimately to be integrated with grid and operated by utility
- Requirements to run on natural gas, though no NG grid available
- Stringent emissions and sound limits
- Need for significant redundancy

Solution summary:

- Provided bank of 6 x 850kW NG units that was sourced from a cold-storage company out of Bellingham, WA
- Units were mfg in 2001, with less than 200 hrs since new
- Package included controls, transformers and switchgear
- Units were upgraded to latest configuration and outfitted to be monitored and operated remotely
- Identified and integrated a solutions provider to provide LNG installation at site
- Managed integration with air-quality consultants and utility
- Provided all de-install/install and logistic support

Value:

- Savings on equipment – over \$3 million
- Only immediately available solution option
- Savings on support and integration – over \$400k



Example Project: Multiple Installations on low BTU Bio-Gas in Ohio

Customer: Operator of Bio-gas plants in Ohio

Project requirements:

- Accelerated delivery of 800 kW units for multiple plants
- Continuous operation to support anaerobic digester process
- Units needed to be configured with latest
- Required reconfiguration and tuning to run on low BTU biogas

Solution summary:

- Provided (3) 850kW NG units (so far) to power three different sites
- Sourced units with higher hours to meet budget requirements (over 1000 hrs total run time)
- Worked with outsourcer to provide reconfiguration of equipment for special purpose
- Provided all logistics support
- Currently sourcing (4) additional units

Value:

- Savings on equipment to date – over \$1.5 million
- Only immediately available solution option



Example Project: Turbine Installation on Land-fill Gas on Waste Management Site

Customer: Operator of Land-fill gas recovery system on Waste Management site in Illinois

Project requirements:

- Accelerated delivery of 10MW plant to run on low BTU land-fill gas
- Needed solution that would tolerate source fuel without equipment failure and undue operations/maintenance costs
- Needed solution to be “retrofitted” into current installation that was integrated with source gas and grid for selling power to the utility

Solution summary:

- Provided plant of (4) 2.5 MW turbine units
- Integrated OEM affiliated engine shop into deal for configuration support and certification of the turbine engines
- Integrated OEM affiliated engineering/service firm into deal for reconfiguration of engines and balance of plan
- Provided support and project management leadership on all technical aspects of the plant upgrade and retrofit
- Managed installation and commissioning
- Sourced and developed programs for post-commissioning O&M program

Value:

- Savings on equipment – over \$4.5 million
- Savings on technical support services – over \$800k
- Only immediately available solution option



Example Project: Installation for Major Data Center and Fiber Operation in Australia

Customer: Operator of international data center backup and trans-oceanic fiber systems. Serving high-profile international companies with extreme back-up requirements.

Project requirements:

- Accelerated delivery of 3MW plant to support critical contract requirement for key business growth objective
- Needed “n+1” solution that could be integrated into an existing facility
- Needed diesel operation with 50 Hz configuration

Solution summary:

- Provided paralleled pair of (2) 1600kW CAT units that had previously been installed at major logistics operation out of the US (at an airport installation that had been closed)
- Provided de-install services from the original installation
- Reconfigured units for inside installation and paralleling at customer location
- Reconfigured units from 60 Hz to 50 Hz configuration
- Managed OEM inspection and certification required by customer
- Provided international door-to-door logistics support
- Provided installation and commissioning support in country
- Integrated with local partners for hand-off for O&M

Value:

- Savings on equipment – over \$800k
- Savings on technical support services – over \$200k
- Only immediately available solution option – value enabled to support customer contract difficult to assess

