

Florida Tile - Lakeland, FL - Ceramic tile manufacturer: Maintenance-free, 480V option and industrial robustness. Used to support controls on dryer fan/blower and solenoid controlled flame valve.

Timken Bearings - Canton, OH - Steel bearing mill: Maintenance-free, adjustable timer for accurate ride-through control and ability to withstand variable loads. Used to support motor starters controlling compressors and cooling pumps.

Tosco Refinery - Martinez, CA - Oil refinery: Maintenance-free, retrofit simplicity and adjustable timer for ride-through control. Used to support PLC power supplies. Also, custom 120V DC bus inverter.

Olin Corp. - E. Alton, IL - Plastics pipe manufacturing facility with six extrusion lines. All lines use Reliance DC drives and the extruder controls have been supported. A longer ride-through capability, ability to withstand variable loads, lack of maintenance and adjustable ride-through timer made the DPI more attractive than constant voltage transformers or UPS's.

Intel Corp. - Chandler, AZ & Albuquerque, NM - Semiconductor silicon wafer fab's: Maintenance-free, adjustable timer for accurate ride-through control, ability to withstand variable loads and industrial robustness. Used to support vacuum pump controls consisting of contactors, relays and PLC's.

Capital Vial - Auburn, AL - Plastic vial injection molding facility: Maintenance-free, adjustable timer for limited ride-through, ability to withstand variable loads and industrial robustness. Used to support motor starters on all plant compressors.

Union Carbide - Washougal, WA - Crystal growing facility: Maintenance-free and industrial robustness. Used to support controls on crystal puller.

M/A-Com - Lowell, MA - Crystal growing facility: Maintenance-free, adjustable timer for limited ride-through, ability to withstand variable loads. Provides ride-through for crystal puller and peripheral controls.

Dole Foods - Bakersfield, CA - Fresh fruit processing company: Maintenance-free, and industrial robustness. Used to support various test and measuring devices within the plant.

US Foundry & Manufacturing - Medley, FL - Foundry: Maintenance-free, ability to withstand variable loads and a harsh environment requiring a device that does not need ventilation. Used to support motor control relay panels for various motors in the facility.

Duraline - Middlesboro, KY - Plastic extrusion facility with ten lines. Most lines use Reliance DC drives and the extruder controls have been successfully supported on one line. A longer ride-through capability, ability to withstand variable loads, lack of maintenance and adjustable ride-through timer made the DPI more attractive than constant voltage transformers or UPS's.

General Electric Lighting - Somerset, KY - Glass bulb blowing facility: Maintenance-free, adjustable timer for limited ride-through, ability to withstand variable loads and industrial

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robustness. Used to support Maxon gas valve solenoids and various control loads on blowers, pumps, fans, and small power supplies.

Henkel Corp. Kankakee, IL - Adhesive manufacturer. A longer ride-through capability than with CVT's, ability to withstand variable loads, lack of maintenance and adjustable ride-through timer. Used to support controls on boilers and compressors in the plant.

Joliet Sand & Gravel - Joliet, IL - Crushing and separating plant: Harsh environment requiring a device that does not have batteries or need ventilation. Provides ride-through for crushers and conveyors.

Viskase Corp. - Pauls Valley, OK - Plastic extrusion facility. All lines use DC drives and the extruder controls are being supported on one line. Ability to withstand variable loads, lack of maintenance and adjustable ride-through timer made the DPI more attractive than other solutions.

TC Advertising - Portland, OR - Printing house: Maintenance-free, adjustable timer for limited ride-through, and ability to withstand variable loads. Used to support control logic and peripheral devices on Eaton Cutler Hammer AC variable frequency drive.

CSR Rinker Materials Corp. - Miami, FL - Limestone aggregate processing facility: Maintenance-free, adjustable timer for limited ride-through, ability to withstand variable loads and industrial robustness. Used to support numerous contactors on various in-plant motors and conveyors.

McGhan Medical - Santa Barbara, CA - Plastics facility producing body implants and prosthetics: Maintenance-free and adjustable timer for low inertia load protection. Supporting logic, relays and contactors controlling oxidizer and extruder.

Coastal Chemical Corp. - Battle Mountain, NV - Chemical processing and manufacturing plant: Industrial robustness and suitability for inductive loads. For use on 1500 HP booster blower MCC.

Texaco Refineries - Anacortes, WA - Oil and petroleum refinery: Maintenance-free, adjustable timer for accurate ride-through control and industrial robustness. Used to support switchboards controlling main air blower and cooling pumps.

Texas United Pipe - Houston, TX - Plastic pipe extrusion plant: Maintenance-free; Have had UPS's on their motor control centers, but due to the fact that the plant often experiences numerous dips within a short period, battery life is diminished drastically. Maintenance and replacement became a nuisance.

Citizens Utilities Co. - Kauai, HI: Maintenance-free, industrial robustness and adjustable timer for protection of controls for low inertia lubrication pumps on diesel generators.

Schuller International - Corona, CA - Fiberglass plant: Maintenance-free and suitability for inductive loads. Used on contactors and solenoids in motor control centers controlling 5kV blowers.

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Lane Construction - Northfield, MA - Crushing and separating plant: Harsh environment requiring a device that does not have batteries or need ventilation. Provides ride-through for crushers and conveyors.

Barrick Gold Mines - Elko, NV - For use on submersible pumps in harsh environment. Maintenance-free, and adjustable timer for low inertia load protection, industrial robustness and suitability for inductive loads.

J M Manufacturing - Meadville, PA - Plastics pipe manufacturing facility with twelve extrusion lines. Four lines using Powertec DC drives have been "Dip-Proofed". A longer ride-through capability, ability to withstand variable loads and comparable price made it more suitable than constant voltage transformers.

Devro Corp. - Mountainside, NJ - Manufacturers of edible collagen skin found on sausages and similar foods. Support of dozens of contactors and relays for both directly, and AC drive, connected motors on pumps, extruders and fans. A 2.5 second timed ride-through capability, the ability to withstand variable loads, lack of batteries, and industrial housing made it preferable to cheap UPS systems.

American National Can - Bishopville, SC - Can manufacturer. Supports gas oven controls and gas valves to prevent oven shutdown due to momentary sags and outages. A longer ride-through capability, ability to withstand variable loads, lack of maintenance and ability to work at high ambient temperatures made the DPI more attractive than constant voltage transformers or UPS's.

Georgia-Pacific Corp. - Monticello, MS - Paperboard and box manufacturer. DPI's support boiler fan starters and boiler controls to prevent unnecessary boiler shut downs due to momentary power disturbances. Maintenance-free, adjustable timer for accurate ride-through control and industrial robustness made the DPI a natural choice for this application.

Various Utility Power Quality Groups - The DPI offers a solution for some of their customers. Many have Energy Services divisions that offer turnkey solutions and buy and resell mitigation devices such as the DPI. Utilities whose customers are either using, or evaluating the use of the DPI, include the following:

Pacificorp, GPU Energy, Virginia Power, Houston Power & Light, American Electric Power, Florida Power & Light, New England Power, Western Massachusetts Electric, Commonwealth Edison, Southern California Edison, Public Service Electric & Gas, Oklahoma Gas & Electric, Entergy, Kentucky Utilities, East Kentucky Power, Alabama Power, Ontario Hydro, Sierra Pacific Power, Connecticut Power & Light.

