

Design of a Power Demand Controller: Testing Regional Design Strategy*

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Abstract

This paper describes the hardware and software components used in a power demand control application. The unit described was used to limit the power consumption of the melt operations of a steel manufacturing plant. Considerations are given to the use of backplane bus systems in complex computer based solutions. The ideas discussed are important to Caribbean systems developers who are interested in determining an optimal mix of imported expertise and local input into their designs.