



Clockwork Group Announces the Development of Its Latest SPAR-based Product, PS-PLUS™, for Electrical Power Generating Plant Owners and Operators

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The rapid, worldwide growth of the merchant power industry has drawn increased attention to controlling bottom-line costs associated with operating electrical power generating stations to increase profitability. Clockwork is developing PS-PLUS to help insure increased profits by allowing operators to reduce spare parts and other logistic support costs while reducing the risk of unscheduled outages.

PS-PLUS is Clockwork's SPAR-based application that allows owners and operators of electric power plants to predict spares procurement requirements accurately, address the risk of increasing the time between scheduled inspections, and align maintenance resources with expected plant operating cycles. Because of their rapid increase in the power generation market, PS-PLUS is initially being configured for plants powered by combustion gas turbines. PS-PLUS is capable of operating as a stand-alone system or can be configured to operate on an integrated basis with plant operations and maintenance decision support systems. Though not limited in application, PS-PLUS primarily addresses the high-value combustor and hot gas path assemblies and parts. The underlying model's predictions address a critical need: accurate forecasts of replacement parts procurement costs and tracking of unique parts as they are refurbished and reused. The application will be licensed by Clockwork to plant owners and operators to project a future profile of demands, repairs, condemnations, and buys for critical high value parts of large scale combustion turbines. It also establishes a link between operations and logistics, so that the effect of procurement decisions on unit production can be evaluated