

### *Pump Up Your Chiller 2011*

*An unexpected PD pump failure is never a cause for celebration, but it may be an opportunity to consider upgrading to a turbine pump.*

Did you know that Lytron Affinity has drop-in turbine pump replacement kits for most of our P and R series chillers? Whether you are currently in a replacement situation or considering what to do with your old pump during your next preventative maintenance cycle, we want you to know that the advantages of replacing the PD pump with a turbine pump greatly outweigh the incremental price difference.

The lifetime of a pump is influenced by many factors ranging from how hard the pump is working to the cleanliness of the fluid being pumped through it. Field service data gathered from across our customer base indicates that turbine pumps run longer than PD pumps (approximately 3.5 times longer) and provide indicators to predict their failure modes, helping eliminate unplanned downtime. For instance, a periodic preventative maintenance program involving the collection of pump performance metrics will highlight reduced efficiency of the impeller, allowing for planned down time to repair the pump as opposed to experiencing the sudden failure of the impeller that is usually seen with PD pumps.

For more information on ways to achieve higher performance from your chiller, call Lytron Affinity Service at 603-539-5005. We'll work with you to help with your specific application and can provide the details on how to upgrade your PD pump to a Affinity turbine pump.



**Affinity<sup>®</sup> Thermal Systems**

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