

EPM, Inc.

Computerized Temperature Control Systems

We have been reading in the news that some organizations have been running their air conditioning all night to "beat the heat". This of course means a significant increase in their energy bill. We have also read that some schools have given up and closed one or more buildings for a day or more.

Our customers used to be in this position, and so they know that if you have to run your air conditioning (or heat) all night to "keep up" or to "get ahead" of building load, then you have 1 of 2 problems, or both.

Mechanical equipment

HVAC's are "sized" based on square footage and the anticipated load that will be placed on them. Too big and they destroy themselves. Too small and they don't satisfy comfort. Chances are good that your equipment is sized correctly, however.

Equipment that runs all night is rarely "getting ready for the next day"! Instead, it is likely recovering from the problems it created the day before. This is a fault of the controls.

Controls

Periods of abnormally high loads (100F + for several days) require a smarter control system. There is no way around it.

Monitoring equipment performance and notifying maintenance when attention is needed requires a smarter control system.

Utilizing demonstrated performance history for a piece of equipment and adjusting it's operation to anticipated load periods requires a smarter control system.

Not "losing the building" and forcing the owner to run equipment all night, requires a smarter control system.

When you're done throwing away your equipment and paying higher than necessary utility bills, you are ready for a smarter control system.

Call us, we can help.

We are the **smarter control system.**