

PG&E Pacific Energy Center Presents:

What You Need to Know About Critical Control Sensors

May 13th 2008

Mark Hydeman, PE
and a few friends

Updated Handouts

- You can get a copy of the handouts in PDF format as follows:
 - Enter the following link into Internet Explorer:
<http://pub.taylor-engineering.com/>
 - When prompted enter the following (case sensitive)
 - USER: seminar
 - PASSWORD: public
 - Double click on the folder, “Critical Control Sensors”
 - Double click on a file to download it or highlight the file and click on the download file icon
 - NOTE: YOU MUST USE WINDOWS INTERNET EXPLORER TO ACCESS THIS SITE!

Agenda

May 13 th , 2008			
Section	Start	End	Speaker
Introductions and Overview	9:00 AM	9:15 AM	Mark Hydeman
Humidity and Economizer High-Limit Switches	9:15 AM	10:10 AM	Curt Klassen
Break	10:10 AM	10:15 AM	
DCV (CO2) Sensors	10:15 AM	12:05 PM	Greg Maxwell
Break	12:05 PM	12:10 PM	
Airflow Sensors and Field Study of DCV (CO2)	12:10 PM	1:05 PM	Bill Fisk

Why should you care?

	Vaisala Handheld Probe			CRAC Unit Panel			
	Temp	RH	Tdp	Temp	RH	Tdp	Mode
AC 005	84.0	27.5	47.0	76	32.0	44.1	Cooling
AC 006	81.8	28.5	46.1	55	51.0	37.2	Cooling & Dehumidification
AC 007	72.8	38.5	46.1	70	47.0	48.9	Cooling
AC 008	80.0	31.5	47.2	74	43.0	50.2	Cooling & Humidification
AC 010	77.5	32.8	46.1	68	45.0	45.9	Cooling
AC 011	78.9	31.4	46.1	70	43.0	46.6	Cooling & Humidification
Min	72.8	27.5	46.1	55.0	32.0	37.2	
Max	84.0	38.5	47.2	76.0	51.0	50.2	
Avg	79.2	31.7	46.4	68.8	43.5	45.5	