

# ADVANCED HVAC SYSTEMS FOR IMPROVING INDOOR ENVIRONMENTAL QUALITY AND ENERGY PERFORMANCE OF CALIFORNIA K-12 SCHOOLS

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## Training Session Materials for Thermal Displacement

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## CONSULTANT REPORT

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Public Interest Energy Research Program

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## **Training Materials – Displaced Ventilation**

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Contents for this deliverable include the following presentations as given at the venues noted:

May 9, 2005:

**Heritage K-12 Design Charrette**

Invited engineers and architects having a prominent role in K-12 school design in California, engineering staff experienced with thermal displacement ventilation in other states, California school district personnel, and utility personnel.

Located at:

[http://www.archenergy.com/ieq-k12/Public/Proj4\\_Deliverables/050509\\_TDVCharrette\\_Presentation.pdf](http://www.archenergy.com/ieq-k12/Public/Proj4_Deliverables/050509_TDVCharrette_Presentation.pdf)

January 20, 2006:

**Evaluation of Displacement Ventilation in an Elementary School Classroom**  
ASHRAE 2006 Winter Conference.

Located at:

[http://www.archenergy.com/ieq-k12/Public/Proj4\\_Deliverables/060120\\_ASHRAE\\_Presentation.pdf](http://www.archenergy.com/ieq-k12/Public/Proj4_Deliverables/060120_ASHRAE_Presentation.pdf)

February 6, 2006:

**Thermal Displacement Ventilation: Improved IEQ and Reduced Energy Use**  
CASH Meeting.

Located at:

[http://www.archenergy.com/ieq-k12/Public/Proj4\\_Deliverables/060206\\_CASH\\_Presentation.pdf](http://www.archenergy.com/ieq-k12/Public/Proj4_Deliverables/060206_CASH_Presentation.pdf)

April 26, 2006:

**Displacement Ventilation: Design and Application**  
SMUD Training Facility Seminar.

Located at:

[http://www.archenergy.com/ieq-k12/Public/Proj4\\_Deliverables/060426\\_SMUD\\_Presentation.pdf](http://www.archenergy.com/ieq-k12/Public/Proj4_Deliverables/060426_SMUD_Presentation.pdf)

May 2, 2006:

**Displacement Ventilation: Design and Application**  
Southern California Edison CTAC Training Seminar.

Located at:

[http://www.archenergy.com/ieq-k12/Public/Proj4\\_Deliverables/060502\\_CTAC\\_Presentation.pdf](http://www.archenergy.com/ieq-k12/Public/Proj4_Deliverables/060502_CTAC_Presentation.pdf)