



# Maintenance and Operations: An Integral Part of High Performance Schools

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# C.A.S.H. Maintenance Network

- Formed in 1996 to strengthen maintenance efforts statewide to increase public and legislative awareness and funding for school maintenance issues
- Advocate for school maintenance funding and programs in the Legislature and through the State Budget process
- Annual workshops to bring school M&O departments up-to-speed on issues on hot topics for their industry
- Separate M&O strand of workshops and roundtables at the C.A.S.H. Annual Conference
- C.A.S.H. Maintenance Network ListServe

# Maintenance Funding and Programs

- The State Budget includes \$234,722,000 in 2008-09 and \$250,806,000 in 2009-10 to fund the Deferred Maintenance Program (DMP)
- State Budget reduces the amount that school districts are required to set aside in the Routine Restricted Maintenance Account (RRMA) from 3% of the district General Fund to zero
- State Budget limits funding for the Emergency Repair Program (ERP) to no more than \$101 million in 2008-09 and suspends any transfer of fund

# Overview of School Facilities Funding

- State cash flow crisis/Pooled Money Investment Board
- Declining property values and assessed valuation
- Debt ceilings hit/Difficult to sell bonds
- Federal: Qualified School Construction Bonds/American Recovery and Reinvestment Act

# M&O and High Performance

- Maintenance and Operations departments play a key role in high performance schools
- M&O staff knows the nuances of the existing site and equipment
- Hi performance features, systems and designs will not work without buy-in from M&O

# Including M&O Upfront

- M&O typically is considered last
- M&O staff should be involved in all stages of decision making and development of green school projects

# Planning

- Evaluations and assessments of existing building and systems (“Baseline”)
- Input on existing policies, standards, equipment, systems

# Design

- Participate in mechanical and electrical plan review
- Identify implications of design for maintainability, security and vandalism

# Construction

- Observe systems and equipment being installed
- Participate in construction meetings
- Become familiar with maintenance that will be required of new systems and equipment

# Post-Construction

- Review commissioning plans and observe while commissioning agents conduct their reviews
- Plan for long-term and ongoing M&O
- Develop plan to test systems periodically on a fixed schedule
- Measure and monitor performance
- Understand roles and responsibilities as related to PPA to maintain PV systems

# Recommendations

- Maintain 5-year plan
- Continual training and education
- Communicate with CBO and School Board
- Mix and Match Funding
- Make Connection Between Teaching and Learning



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