Measure C Bond Program
LEED Update

Marin Community College District
Board of Trustees
June 12, 2007
Outcome of today’s presentation:

- Re-visit the 2004 Board resolution
- Refresh our knowledge of LEED
- Know where we are today
- Understand what the District needs to do to obtain and keep LEED-EB certification
2004 Board Resolution

• “…site, design, deconstruct, construct, renovate, operate and maintain District facilities….” (italics added)

• “…incorporate the maximum criteria feasible and achieve the 26-point minimum based on the LEED rating system.”
LEED Refresher

Types of Certification
Levels of Certification
Credit Categories
Types of Certification

• NC – New Construction
• EB – Existing Buildings

“LEED for Existing Buildings is applicable to existing buildings that are seeking LEED certification for the first time as well as projects previously certified under LEED standards for new construction.” (USGBC website)
### Levels of Certification

<table>
<thead>
<tr>
<th>Level</th>
<th>EB</th>
<th>NC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certified</td>
<td>32-39</td>
<td>26-32</td>
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<tr>
<td>Silver</td>
<td>40-47</td>
<td>33-38</td>
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<tr>
<td>Gold</td>
<td>48-63</td>
<td>39-51</td>
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<tr>
<td>Platinum</td>
<td>64-85</td>
<td>52-69</td>
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Credit Categories

- Sustainable Sites
- Water Efficiency
- Energy & Atmosphere
- Materials & Resources
- Indoor Environmental Quality
- Innovation in Design / Design Processes
Where We Are Today:

- Sustainability Workshops – *completed*
- LEED checklists – *being refined*
- Commissioning – *underway*
  - *Owner Project Requirements* drafted
  - *Meetings with architects* held or scheduled
  - *Basis of Design documents* in preparation
- Registrations – *in process*
LEED Owner Requirements

- Resources
- Board policies
- Programs / procedures
- Training / monitoring / data collection
- Special consultant tasks
Resources Needed

- **Board** – policy development
- **Management** – contact and control
- **M&O** – enhanced maintenance
- **Modernization** – project coordination
- **Consultants** – technical support
Resources needed

- Communications – some credits
- Fiscal Services – some credits
- Human Resources – some credits
- Information Technology – some credits
- Faculty – innovative educational programs
Board policies

- Erosion and sediment control
- Waste reduction (8.0024)
- Mercury-containing light bulbs (8.0024)
- Sustainable purchasing (6.0015)
- Occupant recycling (8.0024)
- Environmental tobacco smoke control (8.0006)
- Low environmental impact cleaning and pest management (8.0024 and 8.0029)
Programs / procedures

- Low-impact site and green building exterior management plan
- Best practices equipment preventive maintenance program
- Alternative fuel vehicle and carpool/ vanpool promotion programs
- Recycling program
- Sustainable purchasing program
Training / monitoring / data collection

- 24 hrs/yr maintenance training
- Building systems monitoring
- Enhanced metering
- Cost data on building operations
- Cost data on sustainable product purchases
- Absenteeism and health care cost reduction
- Sustainable cleaning activities
Special consultant tasks

- Building performance emission reduction
- Waste stream audit
- Recycled materials disposal
- Existing building commissioning
Next Steps

- Register all buildings  FY 07-09
- Assign required staff  FY 08-10
Questions / Comments