The LACCD Program

- 9 Colleges, $2.2 Billion Bond Program
- Sustainable Policy – Adopted 2001
- 44 New Buildings / All Major Remodels
  - At least LEED Certified
- Two New Satellite Campuses
  - LEED Certified
- Minimum 10% Alternate Energy
  - Solar, Wind, Geothermal, Co-Generation
First LEED Building
Ribbon Cutting

LA Valley M & O Building – 30 + 6
– Sustainable Site – 6 Points
– Water Efficiency – 3 Points
– Energy and Atmosphere – 10 Points
– Material & Resources – 3 Points
– Indoor Environmental Quality – 7 Points
– Innovation and Design – 1 Point
M & O LEED Building Highlights

- Effective Use of Daylight / Daylight System
- Energy Star Cool Roof / Natural Concrete
- Solar / Photovoltaic Panels
- Water Conservation – Low Flow Fixtures
- Drought Tolerant Landscaping
- Indoor Chemical Control
M & O Building LEED Certified to Silver

6 Points To Silver
- Finish Energy Model – 1 Point
- Construction Waste – 1 Point
- Recycled Content – 1 Point
- Regional Materials – 1 Point
- Education Program – 1 Point
- Exemplary Local Manufacture – 1 Point
Zero Landfill Policy

- Useful Life Remaining
  - Re-Use – Sell
  - Donation to Non-Profits – LA Shares

- Secondary Market
  - Cardboard / Paper
  - Metal
  - Glass / Plastic
Zero Landfill Policy

- Manufacturer Take Back
  - Carpet
  - Ceiling Tiles
  - Sheetrock
- Re-Use on Site
  - Wood
  - Concrete / Asphalt
- Mixed Construction and Demolition Debris to Sorting Facility
LACCD Energy Initiative

- Central Plants
  - Efficient / Sustainable
  - SS. 5956 / AB 1492

- Performance Contracts
  - Lights, Motors, Occupancy Sensors, etc
  - 3rd Party Funded

- Photovoltaic Installation
  - One Megawatt per college
LACCD Energy Initiative

❖ Photovoltaic 3rd Party Arithmetic
  – Federal Energy Credit – 30%
  – Rapid Depreciation – 25 %
  – Utility Incentives – 20 %
  – Green Tag Sale – 5% (?)
  – Bulk Procurement – 10 % (?)
– 10 Cents on the Dollar !!!
Bulk Procurement

- Furniture Procurement
  - Made from 100% Recyclable Material
  - 15 year fully unlimited warranty
  - “Piggybackable” by all public entities
- High Volume Fly Ash Concrete
  - Testing / DSA Certification