



Los Angeles Metro Environmental and Sustainability Initiatives

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Metro

Metro's Sustainability and Climate Change Management Policies

POLICIES

- Metro Environmental Policy
- Metro Energy and Sustainability Policy
- Metro Construction and Demolition Debris Recycling and Reuse Policy
- Metro Environmental Liabilities Reduction and Reporting Policy
- Metro Water Use and Conservation Policy
- Green Construction Policy (August 2011)
- Renewable Energy Policy (September 2011)



Clean Air and Climate Change Management

- **Emissions Reduction Initiatives**
 - Nation's 1st and Largest Compressed Natural Gas (CNG) Fleet: >2,500 and growing
 - Newer vehicle technologies are always considered
 - Expansion of rail system that tap "Green" Power
 - All system vehicles have multi-mobility capabilities
 - MORE ON THIS LATER



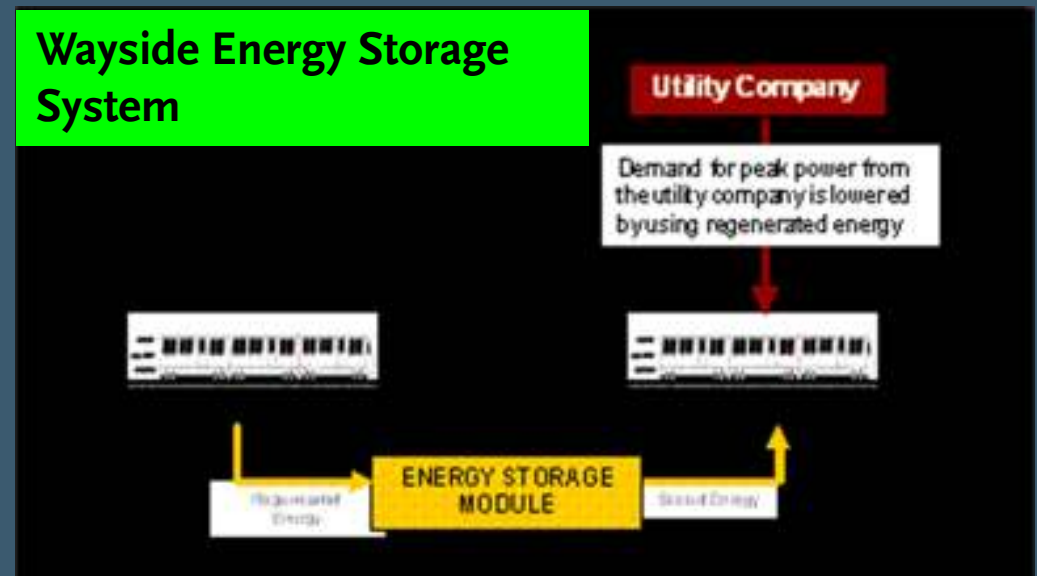
Green Buildings and Renewables

Metro Gateway HQ

- LEED-Gold Buildings
 - Require LEED Silver minimum
- Renewable Energy and Other Solutions
- MORE DETAILS IN A LITTLE BIT

Division 9 Building

Wayside Energy Storage System

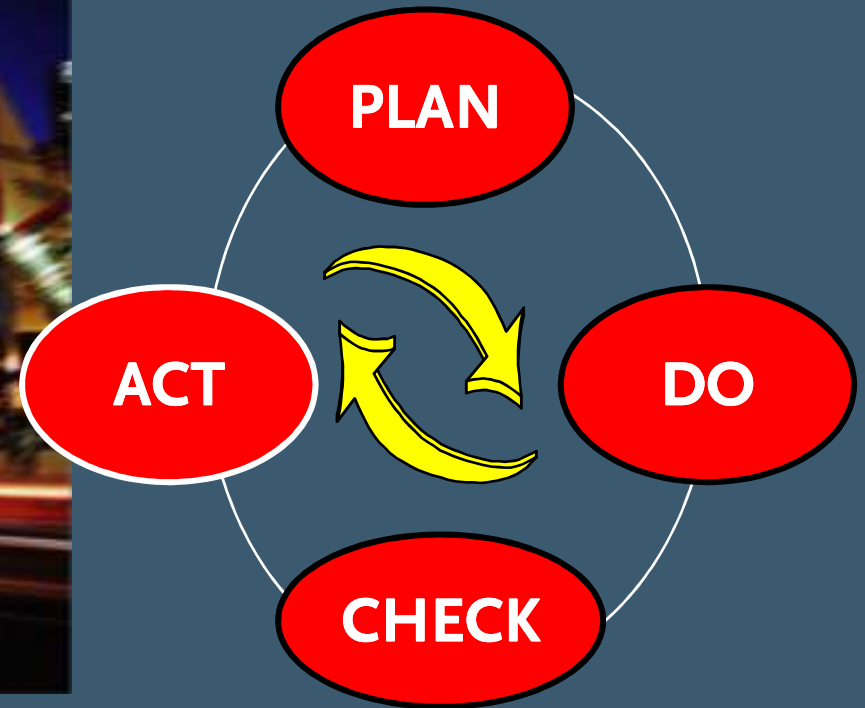


Sustainable Large Capital Projects



- **Metro Orange Line (MOL) and MOL Canoga Extension**
 - Implementation of “LEED-like” sustainability principles
 - Installation of Electric Vehicle Charging Stations
- **Coordination with Construction Authorities**
- **Update of Design Criteria and Contract Documents**
 - Include sustainability and EMS principles
 - Efficiency, Low Impact Development, Sustainable Practices

Environmental Management System (EMS)



- System that integrates Metro's environment, safety, and quality best management practices
- Calls for continuous improvement & positive impact on the environment, employees & customers
- Creating Value through ISO 14001:2004 certification at Red Line Yard

Electric Vehicle Deployment

- **California Energy Commission Grant**
 - Reliability of Chargers
 - Economic Model and Implementability
 - Effect on Transit Patterns
- **SCAG Coordination**
- **Los Angeles Economic Development Corporation**



Other Efforts

- Greenhouse Gas Emissions Inventory completed in December 2008
- June 2010 Baseline Sustainability Report
- Water Action Plan
- Energy Conservation and Management Plan
- Climate Action and Adaptation Plan
- Cost-Effectiveness Study for Greenhouse Gas Emissions Strategies
- Environmental Institute
- Partnerships with Colleges and Universities



Questions/Discussions

For additional information:

www.metro.net/sustainability

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