

**POWERED BY ENERGY EFFICIENCY—
FUELED BY ENERGY CONSERVATION**
COG 2006 Energy Strategic Plan
[Executive Summary]

Presented to the COG Board of
Directors

June 14, 2006

Presentation Outline

- History and Context of Energy as National Issue
 - Background on Project
 - Local Government's Role
- COG Strategic Energy Plan Goal
 - Energy Vision
 - Energy Mission
- Recommended Goals
 - Strategies and Initiatives
- Next Steps

History and Context of Energy as National Issue

- **1970** - COG's involvement in energy conservation dates back to the early 1970's
 - Recognized as model
 - Local and private sector effort
- **1990** - Lack of Energy Conservation expressed as concern – déjà vu
- **2001** - Energy Advisory Forum reactivated
- **2004** – Began process of developing Strategic Energy Plan

CAO EAC and Local Government's Role

- Serve as forum for discussion of energy issues
- Collect and analyze pertinent energy data
- Monitor and periodically report to CAO's and COG Board on energy trends and developments
- Recommend energy strategies for consideration

The New Energy Era

- Rising global demand, tight global energy supplies, and high global energy prices
- Effects of these changes on budgets of households, businesses and governments
- Recent energy disruptions:
 - Hurricane Isabel caused electricity outages
 - Hurricanes Katrina and Rita interrupted the flow of fuels to the region, and
 - the Northeast Blackout of 2003 darkened the area
- Metropolitan Washington region must be ***powered by energy efficiency*** and ***fueled by energy conservation***

COG Strategic Plan Energy Goal

- COG promotes and supports implementation of technologies that foster a diverse supply of reliable, affordable, and economically sound energy resources for the National Capital Region

COG Energy Vision

- The COG Region will be a recognized leader in energy efficiency and energy conservation policies, planning and programs.

COG Energy Mission

- The COG Region will adopt and implement energy polices:
 - that expand its variety of energy sources,
 - that manage energy demand ensuring continued overall economic growth but lessening the effects of energy disruptions, and
 - that enhance environmental quality

Recommended Sub-Goals

- Strengthen data collection
- Promote diversification
- Raise awareness of energy users -- creating a "culture of conservation"
- Develop policies and adopt practices increase the energy efficiency of vehicles, appliances and buildings

Energy Strategies

- *Energy Information Focus*
- *Energy Savings Targets*
- *Expand Education & Outreach*
- *Monitoring & Updating Energy Policy, Planning & Best Practices*

Priority Initiatives Currently Being Addressed at Local Level

- National Plug-In Hybrid Campaign
 - Endorsements to date
 - Energy Advisory Committee
 - Air Quality Technical Advisory Committee
 - Metropolitan Washington Air Quality Planning Committee

Priority Initiative--Regional Green Building

- Development of green building standard
 - Local Government Proposed Legislation
 - Local Government Planning Professionals currently addressing issue
 - Seminar/Workshop Planned for late Sept

Next Steps

- Transmit to member jurisdictions for comment
 - 60 day comment period
- Revise per comments received
- Present Final Strategic Energy Plan in Sept

Requested Action

- Approve *Resolution R27-06*