

Technical Support for Integrated Community Energy Solutions

Task 1 Outline and Approach Integrating Energy into Local Regulations and Programs

Report #2

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Submitted to



**Metropolitan Washington
Council of Governments**

Submitted by



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Contents

Executive Summary	1
Energy and Environmental Policy Context	1
International Policies.....	1
U.S. Energy Policy.....	1
Overview.....	1
Portfolio Standards.....	1
Tax Incentives.....	1
Finance programs.....	2
Grants.....	2
Loans.....	2
Tax-exempt bonding.....	2
U.S. Environmental Policy.....	2
Air Quality.....	2
New Source Review.....	2
Boiler MACT.....	2
Utility MACT.....	2
Commercial/Institutional Solid Waste Incinerators.....	2
Climate Change.....	2
Planning	2
National and International Examples.....	2
Land Use Planning.....	2
Community Master Planning.....	2
Integrated Community Energy Planning.....	2
Eco-District Planning.....	2
Existing Local Policies.....	2
Land Use Planning.....	2
Community Master Planning.....	3
Integrated Community Energy Planning.....	3
Eco-District Planning.....	3
Best Practice Recommendations.....	3
Land Use Planning.....	3
Community Master Planning.....	3
Integrated Community Energy Planning.....	3
Eco-District Planning.....	3
Establishing Community Energy Systems	3
National and International Examples.....	3
Utility Franchising.....	3
Municipal Utilities.....	3
Energy Facility Siting.....	3
Financing Assistance.....	3
Tax incentives.....	3
Government Procurement Policies.....	3

- Energy Infrastructure Permitting..... 3
- Existing Local Policies 4
 - Utility Franchising 4
 - Energy Facility Siting 4
 - Municipal Utilities..... 4
 - Financing Assistance 4
 - Tax incentives 4
 - Government Procurement Policies 4
 - Energy Infrastructure Permitting..... 4
- Best Practice Recommendations..... 4
 - Utility Franchising 4
 - Energy Facility Siting 4
 - Municipal Utilities..... 4
 - Financing Assistance 4
 - Tax incentives 4
 - Government Procurement Policies 4
 - Energy Infrastructure Permitting..... 4
- Building Compatibility 5**
 - National and International Examples..... 5
 - Zoning 5
 - Zoning definitions and categories 5
 - Mix of development types 5
 - Density requirements..... 5
 - Density bonuses 5
 - Building Codes 5
 - Review of Building Plans..... 5
 - Energy Performance Labeling..... 5
 - Community Energy Compatibility Standards..... 5
 - Existing Local Policies 5
 - Zoning 5
 - Building Codes 5
 - Review of Building Plans..... 5
 - Energy Performance Labeling..... 5
 - Community Energy Compatibility Standards..... 5
 - Best Practice Recommendations..... 5
 - Zoning 6
 - Building Codes 6
 - Review of Building Plans..... 6
 - Energy Performance Labeling..... 6
 - Community Energy Compatibility Standards..... 6
- Summary of Recommendations 6**

Integrating Energy into Local Regulations and Programs

The deliverable of this task is a report on best practices for integrating clean energy technologies, in particular district energy, CHP and microgrids, into local policies, programs and regulations. This report provides an outline of the final report.

First we will provide a brief overview of the broader policy context, describing key national and international policies and issues that are relevant to potential action by COG members to facilitate implementation of district energy, CHP and microgrids. Then we will provide a discussion of each category of policy/program/regulation relevant to clean energy technologies, with three major elements in each section:

- National and International Examples -- Descriptions of the policies, programs or regulations, and their relevance to district energy, CHP and microgrids, using national and international examples of such measures.
- Existing Local Policies -- Compile information on existing policy and program approaches in the COG region. Include information on legislation, regulations, local ordinances, and local policies and programs.
- Best Practice Recommendations – In the context of current local policies and programs and review of national and international practices, recommend best practices for local government policies, programs and requirements to facilitate implementation of district energy, CHP and microgrids in the region.

Executive Summary

Energy and Environmental Policy Context

Policies

.S. Energy Policy

Overview

Portfolio Standards

Tax Incentives

Finance programs

-exempt bonding

.S. Environmental Policy

Air Quality

Source Review

MACT

MACT

/Institutional Solid Waste Incinerators

Climate Change

Planning

and International Examples

Land Use Planning

Community Master Planning

Integrated Community Energy Planning

Eco-District Planning

Local Policies

Land Use Planning

Community Master Planning

Integrated Community Energy Planning

Eco-District Planning

Practice Recommendations

Land Use Planning

Community Master Planning

Integrated Community Energy Planning

Eco-District Planning

Establishing Community Energy Systems

and International Examples

Utility Franchising

Municipal Utilities

Energy Facility Siting

Financing Assistance

Tax incentives

Government Procurement Policies

Energy Infrastructure Permitting

Local Policies

Utility Franchising

Energy Facility Siting

Municipal Utilities

Financing Assistance

Tax incentives

Government Procurement Policies

Energy Infrastructure Permitting

Practice Recommendations

Utility Franchising

Energy Facility Siting

Municipal Utilities

Financing Assistance

Tax incentives

Government Procurement Policies

Energy Infrastructure Permitting

Building Compatibility

and International Examples

Zoning

definitions and categories

of development types

requirements

bonuses

Building Codes

Review of Building Plans

Energy Performance Labeling

Community Energy Compatibility Standards

Local Policies

Zoning

Building Codes

Review of Building Plans

Energy Performance Labeling

Community Energy Compatibility Standards

Practice Recommendations

Zoning

Building Codes

Review of Building Plans

Energy Performance Labeling

Community Energy Compatibility Standards

Summary of Recommendations