



Community-Based Green Power Programs



*Renewable Energy Markets
October 21, 2010*

Today's Agenda

- Introduction
 - Allison Dennis, EPA's Green Power Partnership
- Case Study: Communities Across Oregon
 - Joanna Colby, Green Mountain Energy Company
- Case Study: Hillsboro, Oregon
 - Peter Brandom, City of Hillsboro, Oregon
- Case Study: Denton, Texas
 - Rick Anderson, NextEra Energy Resources
- Question & Answers



Green Power Community Initiative

- EPA initiative that challenges communities to buy green power in an amount that collectively meets the Partnership's green power use benchmarks
- Intended to motivate collective action of a community's local government, businesses, and citizens to reduce the community's carbon footprint by procuring green power



Requirements for Communities

Local government's municipal operations must join as a Green Power Partner; Next, Community joins as Community Partner

Collective purchase by community (gov, businesses, citizens) of green power meets EPA benchmark levels at time of signing Partnership Agreement

Community-wide Electricity Use	Green Power Minimum Requirement (before 1/1/2011)	Green Power Minimum Requirement (after 1/1/2011)
If the Community's annual electricity use is...	The aggregated green power use must exceed ...	The aggregated green power use must exceed ...
Over 100,000,000 kWh	2%	3%
100,000,000 – 10,000,000 kWh	3%	5%
Under 10,000,000 kWh	6%	10%




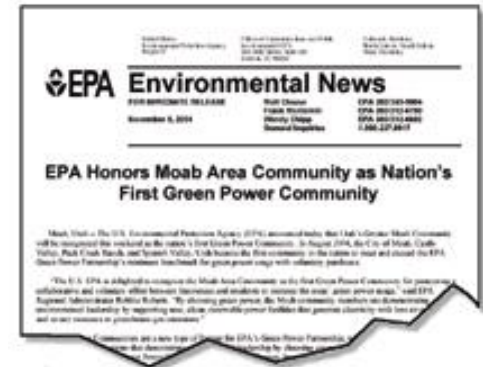
Typical Steps in becoming an EPA Green Power Community

- Local government/Utility/NGO gauges interest among stakeholders in becoming an EPA Green Power Community
- Local government purchases green power for municipal operations and joins EPA Partnership as organization-wide Partner
- Design and implement a “campaign” to increase the use of green power among residents and businesses. Common elements include:
 - Home for “campaign” within a city department, citizen group, utility or marketers, NGOs, etc.
 - Campaign kickoff event
 - Publicly-stated campaign goal(s) (i.e. increasing # subscribers by X)
 - Media outreach
- Mayor signs EPA Partnership Agreement on behalf of community, possibly with City Council Resolution, once community has met EPA requirements



EPA Offers Green Power Communities

- Metrics & Credibility
 - Metric for “How much green power is enough?”
 - Definition of eligible renewables resources
- Expert Advice
 - Assistance with campaign planning and messaging
- Network of Like-minded Communities
 - Learn what works and what doesn't
- Two 24" x 30" aluminum signs 
- Communications & Press Release Assistance
- Recognition
 - Eligibility for Leadership Awards
 - Artwork for Community Banner



Green Power Community Challenge

- EPA is hosting a national yearlong campaign to encourage local governments to use renewable energy and fight climate change.
- The Campaign's goal is expand upon the successes of EPA's Green Power Communities significantly:
 - Double the total aggregate amount of green power used by EPA Green Power Communities.
 - See which communities can most actively support green power
 - which one can use the most green power (kWh)
 - which one can achieve the highest green power percentage of total electricity use.



Want to Know More?

- Basic Information

- To learn more and see a complete list of EPA's Green Power Communities, please visit: www.epa.gov/greenpower/communities

- More Questions?

- Allison Dennis, 202-343-9526; dennis.allison@epa.gov



EPA's Green Power Communities
An Environmental Choice for Your Community

What is Green Power?

Cities and towns across the country are increasingly recognizing the role they can play in fighting climate change. Many of these leading local governments are partnering with the U.S. Environmental Protection Agency (EPA) to become Green Power Communities (GPCs). GPCs are towns, villages, cities, counties, or Native American tribes in which the local government, businesses, and residents collectively buy green power in amounts that meet or exceed EPA's GPC purchase requirements.

Become an EPA Green Power Community

EPA is ready to assist your community in contributing to a clean energy future through a green power purchase. Joining is as easy as 1-2-3:

1. The local government must join the Green Power Partnership as a partner and buy green power for its operations in amounts that meet EPA's minimum purchase requirements. The local government can be a town, village, city, county, or Native American tribe.
2. The local government for its desired initiative a community-wide green power program to encourage local businesses and residents to buy green power and eventually attach a community-wide green power goal that surpasses the EPA GPC minimum requirement. EPA is available to provide technical and outreach assistance.
3. The local government must submit a signed GPC Partnership Agreement to EPA and consent to annually updating EPA on its total green power and electricity use.

Join Now and Position Your Community for the Future

EPA GREEN POWER PARTNERSHIP

Clean Renewable Energy
Green power is electricity generated from environmentally preferable renewable resources, such as solar, wind, geothermal, low-impact hydropower, and low-impact small-scale hydropower.

An Environmental Choice
Commercial electricity use can be one of the most significant environmental impacts associated with your community. Purchasing or using clean green power is one of the easiest ways for a community to reduce its carbon footprint.

Supporting Renewable Energy Supply
Using green power helps to stimulate the development of new, domestic renewable energy sources, while strengthening the nation's energy supply.

