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Renewable Taos Newsletter - January 2017

1 message

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To: William Brown <swctaos@gmail.com>

Wed, Jan 25, 2017 at 11:44 AM



Newsletter

Hello, All — Remember to click on images and blue highlighted text for more information.

RENEWABLE ENERGY FOR TAOS & VICINITY PUBLIC MEETING

Renewable Taos, Inc. and the Taos County Commissioners will host a Work-Study Session on Renewable Energy on Thursday, February 16, 2017.

The session will be held in the Taos County Commissioners Chambers from 1:00 - 4:00 P.M., and the public is invited. Our invitation list includes political, business, NGO and other representatives from around the **Enchanted Circle** and northern New Mexico.

The session is intended to be educational and highly interactive, with plenty of time allocated for answering questions about our agenda items.



Our agenda includes an **overview** of our regional

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TAOS
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January 25, 2017**

**STAND OUT FROM
THE ORDINARY!**

and local energy systems, and costs to our citizens for electricity, natural gas, propane, and transportation fuels.

We will discuss citizens' demands for renewable energy, and present a status report on renewable energy development in our region through 2016.

We will talk about the **Kit Carson Electric Cooperative (KCEC) Solar Deployment Plan 2016**. The plan covers solar facilities to be installed locally during 2017-2022. We will consider plan implications for land use, electricity costs, and expanding renewable energy beyond 2023.

Our discussion includes the regional work of **Guzman Renewable Energy Partners**, the wholesale electricity provider for KCEC. We will also review our current electricity transmission status and demands for upgraded transmission lines in our area.

The final part of our agenda examines the **Joint Resolution on Renewable Energy** signed by governments and other entities throughout the Enchanted Circle. We will offer a proposal for forming a Regional Council on Renewable Energy based on the intentions of the Joint Resolution.

Our transformation to renewable energy and its implications for our economy herald major changes for our region. We urge everyone to understand the magnitude of these changes, and to be involved in planning our energy future.

Watch for press releases and other media announcements about this event. We will also keep our members updated through our email lists.

Please mark your calendars, and join us on February 16.



NEW MEXICO IPL RENEWABLE ENERGY FOR



JOIN RENEWABLE TAOS TODAY!

HAVE AN IDEA FOR KIT CARSON ELECTRIC COOPERATIVE?

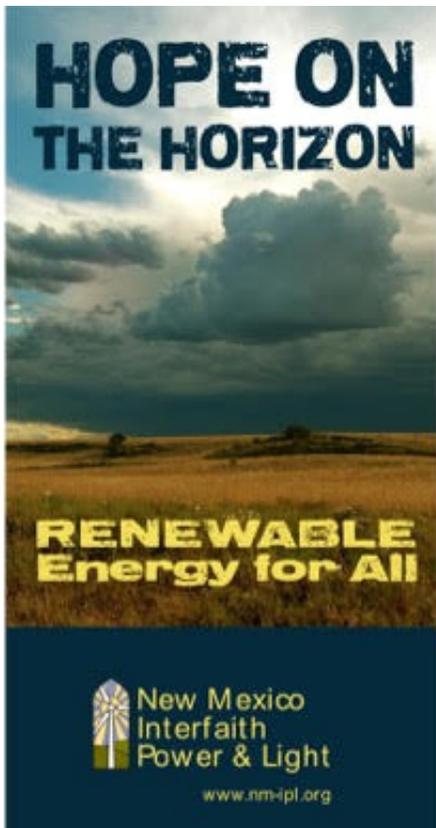


Share your comments on Bob Bresnahan's blog Bob represents District 1 on the KCEC Board of Trustees

LET SOLAR POWER YOUR HOME OR BUSINESS

ALL CAMPAIGN

New Mexico Interfaith Power & Light (NMIPL) launched a New Mexico statewide campaign for renewable energy on January 9, 2017. The campaign will run for four months, and feature actions and conversations culminating with the week leading up to Earth Day 2017.



[Visit NMIPL's Facebook Page](#)

NMIPL makes this statement to lead its action agenda:

This is our home. These are our people.

This is our challenge. This is our time.

We are a diverse and powerful coalition of spiritual traditions united for the common good: Renewable Energy For All of New Mexico. This is not just a magnificent vision; it is a vibrant reality, within our reach. Our children, our neighbors, our economy, and our ecosystems need nothing less. We may indeed be the first generation to truly feel the effects of climate change, and the last to be able to do anything significant about it. To that end, we lend our moral and ethical voice to this sacred and urgent task: renewable energy for all.

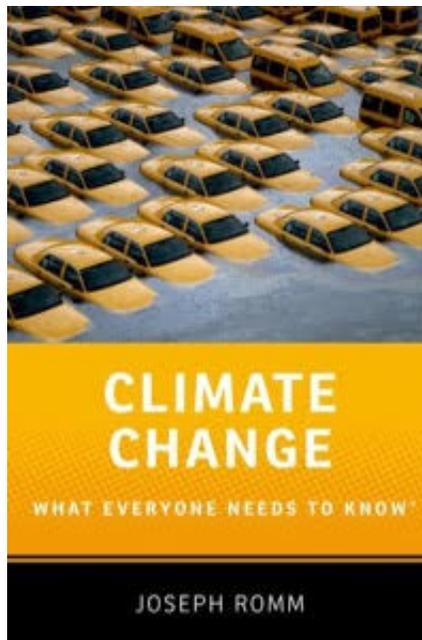
We have the funds. We have the technology.

We have the vision. We have the will.



CHOOSE A LOCAL SOLAR SYSTEM INSTALLER

CLIMATE CHANGE: WHAT EVERYONE NEEDS TO KNOW



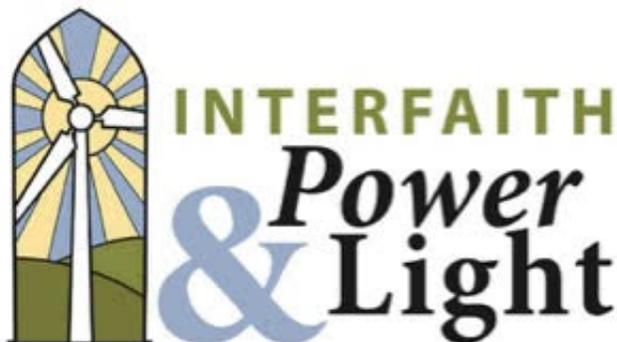
QUESTIONS ABOUT CLIMATE CHANGE? THIS BOOK PROVIDES ANSWERS TO ABOUT 100 COMMON QUESTIONS.

Renewable Taos members are working with NMIPL principals to spread the word about how to build renewable energy to benefit all New Mexico citizens.

For volunteer opportunities, flyers, events, and more information about this initiative, contact

NMIPL Board Member Todd

Wynward: toddwynward@gmail.com Tel: 575-770-8681



Interfaith Power & Light is a national organization founded in 1998, and currently has offices in 38 USA states.

INNOVATIVE SOLAR SYSTEMS HAS MORE THAN 50 UTILITY SCALE PROJECTS IN DEVELOPMENT IN TEXAS

Innovative Solar Systems, LLC (ISS), based in Asheville, North Carolina, is building more than 50 utility-scale solar projects in Texas. The facilities range in size from 35 megawatts (MW) to more than 200 MW.

ISS offers 10 to 25-year Power Purchase Agreements (PPAs) at prices Texas power users are seeking. Solar farms are prized investments because their large returns over long time periods. Investors are putting up from \$100 million to over \$10 billion to secure the long, steady and safe Internal Rates of Return (IRRs) from solar farms.



A PLAN FOR OUR SOLAR ENERGY FUTURE



THE KIT CARSON ELECTRIC SOLAR DEPLOYMENT PLAN IS NOW AVAILABLE FOR REVIEW AND COMMENT BY ALL OUR CITIZENS

GUZMAN RENEWABLE ENERGY PARTNERS IS BUILDING A PRESENCE IN NORTHERN NEW MEXICO.



GUZMAN NOW HAS CONTRACTS TO SUPPLY ELECTRICITY FOR KIT CARSON ELECTRIC CO-OP, THE CITY OF AZTEC, AND THE JICARILLA APACHE NATION.

“Innovative Solar systems is solving the energy problems of the world by installing state of the art renewable energy solar pv systems of all types and sizes”

ISS currently has a project “pipeline” of approximately 180 solar projects, comprising 10 Gigawatts (GW) in 30 USA states. The [Solar Farms Projects page](#) of their web site shows images of facilities ranging from 1.5 to 80 megawatts (MW).

HAWAIIAN ELECTRIC PLAN FOR 100% RENEWABLE ENERGY

Like Renewable Taos, Hawaiian Electric Companies are targeting 100% renewable energy. The companies prepared a comprehensive [Power Supply Improvement Plan](#) to achieve this goal.



Hawaiian Electric
Maui Electric
Hawai'i Electric Light

“IN 2015, 23.2 PERCENT OF THE ENERGY USED BY HAWAIIAN ELECTRIC COMPANIES CUSTOMERS CAME FROM RENEWABLE SOURCES...”

Hawaiian Electric Companies are committed to tripling installations of distributed solar systems by 2030. These include rooftop solar on homes and businesses, grid-scale solar farms, and community solar systems.

The companies also show how they will reduce electricity bills by 2030. They illustrate that fossil fuels represent the most expensive part of customers' electric bills. More than 50% of the bills pay for fuel such as imported oil.

Meanwhile, the companies are purchasing grid-scale renewable energy at fixed costs over a 20-year period. These costs remain stable while fossil fuel costs continue to fluctuate and rise.



THIS SPACE RESERVED FOR YOU!



LEARN ABOUT ELECTRIC AND HYBRID-ELECTRIC VEHICLES, AND PLAN ON BECOMING AN EV OWNER SOON!

HAWAIIAN ELECTRIC RENEWABLE ENERGY PLANNING PRINCIPLES

Renewable energy is the first option.

We plan to aggressively pursue cost-effective renewable resource opportunities that work toward lowering generation costs on the grid. Additional renewable resources can be added cost-effectively, ahead of **Renewable Portfolio Standard (RPS)** requirements, as the technology of energy storage matures and costs decline. Removing Hawai'i from the volatility of world energy markets gives future generations a tremendous advantage, and creates a clean energy research and development industry for our state.

The energy transformation must include everyone.

Electricity is essential. Our plans, as well as public policy, should ensure that ratemaking is fair and equitable, and ensure access to affordable electricity—especially those least able to buy self-generation and energy storage.

Today's decisions can't crowd out tomorrow's breakthroughs.

Our plan keeps the door open to developments in the rapidly evolving renewable generation market. We must be able to easily accept new, emerging, and breakthrough technologies that are most cost-effective and more efficient when they become commercially viable.

The power grid needs to be modernized.

Energy distribution is rapidly moving to the digital age. We must re invent our grid to facilitate a 100% renewable energy generation portfolio and enable technologies such as demand response, dynamic pricing, grid-edge devices, and electrification of transportation. Flexible generation is also needed to better integrate renewables.

The lights have to stay on.

Reliability and resiliency of service and quality of power is vital for our economy, for our national security, and for critical societal infrastructure. Our customers expect it, deserve it, and pay for it. All of our plans must maintain or enhance the resiliency of the network—the grid—that delivers energy to the military, businesses, and homes.

Our plan must address climate change.

Power plants are significant producers of greenhouse gas emissions. We have reduced those emissions more than 15% over the past five years. Still, our plans must go further to reduce the warming of our planet and to minimize the impacts climate change will have on the energy-delivery network—rising sea levels, coastal erosion,

RENEWABLE PORTFOLIO STANDARDS

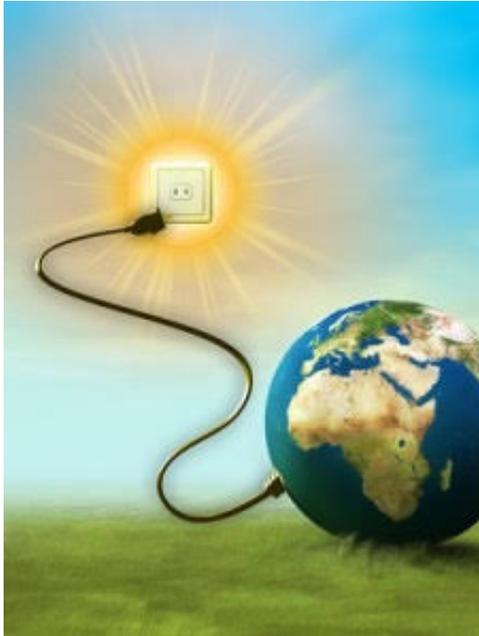


A renewable portfolio standard (RPS) is a regulatory mandate to increase production of energy from renewable sources such as wind, solar, biomass and other alternatives to fossil and nuclear electric generation. It's also known as a renewable electricity standard.

increased temperatures, and erratic storm activity.

There's no perfect choice.

No single energy source or technology can achieve our clean energy goals and every choice has an impact, whether it's physical or financial. While we can mitigate those impacts, attaining our 100% renewable energy goal has major implications for our land and natural resources, and the state economy. We seek to make the best choices by engaging with customers, regulators, policy makers, and other stakeholders.



The Hawaiian Electric Companies offer a detailed Power Supply Improvement Plan. Click this image to see a summary of specific actions for 2016-2045.

OUR MISSION

Renewable Taos is dedicated to promoting and facilitating a full transition to renewable energy and energy efficiency in Taos County and our surrounding region.

We advocate for local generation of renewable energy with an emphasis on local ownership. We build community partnerships to facilitate the transition to renewables, and propose and support projects. We recognize that energy efficiency is integral to the transition to renewable energy. We also work with other organizations to change the political climate in the state and country to facilitate the transition



Renewable Taos continues sending its Regional Market Letter statewide in New Mexico.

to renewable energy and energy efficiency.

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Edited by: William M. Brown, January 2017



This message was sent to Renewable Taos Members by swctaos@gmail.com

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11 attachments



Solar Powered Earth 300.jpg
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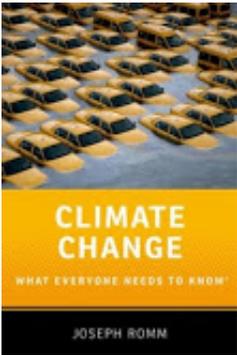
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