



GROWING NEW MEXICO'S ENERGY ECONOMY

A NEW MEXICO FIRST TOWN HALL

Final Report On Town Hall Results

- May 14-16, 2009
- Albuquerque Convention Center

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Executive Summary

New Mexicans want a state that is a global leader in diversified energy production, including renewable and conventional energy sources. They also want a public education system that can train the energy workforce, as well as a more robust transmission system to transport power more effectively. Furthermore, they see the need for a regulatory structure that is streamlined and fair.

These recommendations and others resulted from a **New Mexico First** statewide town hall attended by 200 people and held in Albuquerque May 14-16. The town hall produced a total of 18 recommendations, each reflecting the consensus of the participants.

The event, titled *Growing New Mexico's Energy Economy*, brought together a wide range of citizens from 37 New Mexico communities. They came from small, medium, and large towns representing business, education, tribal, environment, youth, and government interests.

New Mexico First focuses on attaining balance between various stakeholder groups so that all necessary viewpoints are present in the town hall. To this end, full scholarships were offered to students as well as community members who indicated they needed financial support. Registrants could choose between acting as a participant (attending the full town hall and actively taking part in discussions) or simply observing.

Key elements of their recommendations are summarized below, with full details provided later in this report.

Transmission

The town hall called for:

- A robust transmission grid, with a strong focus on planning, siting and identification of utility corridors
- Identification of future grid needs and funding options
- New transmission lines and power plants (both renewable and cleaner conventional plants)

Regulation and Planning

In the areas of statewide planning and regulation, the town hall wanted to see:

- Statutes to streamline regulatory and permitting requirements so they are comprehensive and uniform
- 20-year integrated comprehensive plan aligned with federal energy policy
- Public hearings and legislative support for the plan

Workforce Development and Education

In the area of education, the town hall called for:

- Expedited development of certification standards for energy professionals
- Expanded K-12 and postsecondary education, and training of professionals to certification standards

Utilities

Participants called for fair rates for utilities and consumers, with:

- The PRC advised to adopt a rate-making mechanism allowing utilities to earn a fair return on energy efficiency investments
- Sustainable funding to provide efficiency, renewable energy, and payment assistance measures to low-income eligible households

Funding Priorities

The town hall participants devoted considerable time to the costs of energy investments and called for:

- The development of a funding strategy drawing on public and private funds, for long-term technology development
- Public funding to be used in a way that ensures long-term financial, social and environmental accountability
- Funding collaborative energy research including the new Research Applications Center

Renewables

In the areas of renewable energy, the town hall wanted to see:

- Investments in renewable energy storage, including an economical utility-sized storage system
- More pilot projects in cleaner coal and renewables
- Predictable incentives that don't come and go

Conservation and Efficiency

The town hall recognized the key roles of conservation and efficiency, calling for:

- More energy conservation (light bulbs, weatherizing, etc.)
- Energy efficiency in building codes
- Public awareness and education of efficiency
- Legislator awareness of efficiency through observation of energy audits and weatherization

These recommendations are presented in greater detail in the full report that follows. They will be prioritized by an implementation team composed of town hall participants. This group will spend 12-18 months advancing the recommendations with policymakers, community leaders, and the public.

Growing New Mexico's Energy Economy

Introduction

In May 2009, New Mexico First convened its 37th statewide town hall. The event focused on how to strengthen New Mexico's energy economy, including conventional energy, renewables, and efficiency. The event used New Mexico First's unique town hall format: a three-day deliberation during which participants identified challenges and came to consensus on possible solutions. Their deliberation was informed by a comprehensive background report on energy sources as well as a morning of keynote and panel presentations. The background report is available at www.nmfirst.org, and the full list of the speakers is provided in Appendix B.

About New Mexico First

New Mexico First events bring together people from all walks of life to identify practical solutions to the state's toughest problems. Co-founded in 1986 by U.S. Senators Pete Domenici (R-NM) and Jeff Bingaman (D-NM), the organization is now co-chaired by Senator Bingaman and Senator Tom Udall. New Mexico First conducts three major types of activities: an annual statewide town hall focusing on a critical issue facing the state; specialized forums for communities and other institutions that need consensus feedback; and a youth engagement program called Tomorrow's Leaders. Through New Mexico First's town halls, citizens have developed recommendations on water, energy, economic development, education reform, leadership, youth development, entrepreneurship, and other topics.

Town Hall Recommendations

TRANSMISSION

1. **Build a robust transmission system:** So that New Mexico and the nation have a robust transmission system to meet our current and future energy needs and benefit our state and national economy, a legislatively funded designee in concert with stakeholders should initiate planning, citing and identification of utility corridors, identify current capabilities and future grid needs incorporating distributed generation and smart grid concepts and identify transmission system funding options. If significant barriers stall the development of these corridors, we encourage the passage of federal legislation that would give the federal government authority to remove barriers and see that projects move forward in a timely manner.

2. **New power plants and transmission lines:** So that New Mexico can increase energy export, the state should remove obstacles to renewable and cleaner conventional power plant development and their associated transmission lines to enable the joint development of renewable energy generation and transmission sites that could not otherwise pay for the transmission of the renewable power that they produce.
3. **Renewable energy storage:** So that wind and solar can grow baseload and dispatchable power generation, the national labs, state universities, and private industry should collaborate to secure funding to develop, test, and pilot an economical utility-sized storage system.

PLANNING AND REGULATION

4. **Regulatory reform:** So that the production, transmission and distribution of all energy can grow for the benefit of New Mexico, the state legislature should pass statutes to require agencies to direct regulators to respond to the regulatory process in a timely way, consistent with state and federal law and regulations, streamlining and clearly defining science-based, consistent regulatory and permitting requirements that are comprehensive and uniform statewide.
5. **Comprehensive energy plan:** The legislature shall enable a commission by charter to create a 20-year integrated comprehensive plan aligned with federal energy policy that will create cost effective solutions accounting for the lifecycle costs of various energy investments, to recognize all aspects of New Mexico energy development and conservation options. The plan will be followed by public hearings and legislative support by statute.

EDUCATION

6. **Workforce development:** So that there exists an energy literate populace and a skilled and diversified workforce to support New Mexico's new energy economy, industry, in coordination with regulatory agencies and educational institutions, with support from local and state government, should expedite development of certification standards for energy professionals, and educational institutions and the energy industry, with support from local and state government, should provide and expand K-12 and postsecondary education, and training professionals to certification standards.

RENEWABLES

- 7. Pursue pilot projects in cleaner coal and renewables:** So that the continuing development of cleaner coal and renewables will foster rural economic development and energy independence, public and private sectors will work together to pursue funding for pilot projects, such as coupling algae production with coal power generation.
- 8. Predictable incentives that don't come and go:** So that the adoption of thorough energy conservation and efficiency measures, as well as proven renewable and cleaner conventional technologies (both conservation and supply) is expedited, policymakers should establish long-term predictable incentives and revolving loan fund programs for all stakeholders, which ensure sustainable triple bottom line accountability.¹

CONSERVATION AND EFFICIENCY

- 9. Energy conservation:** Consumers, businesses, and governments should strive to conserve so that energy consumers will spend less available income on energy needs. For instance, switch from incandescent light bulbs, weatherize homes and offices, tax gasoline to encourage mass transit use, replace conventional heating with solar on public buildings.
- 10. Energy efficiency in building codes:** So that new buildings become more energy efficient, more comfortable and healthy for occupants, less costly to own and operate, and produce fewer greenhouse gas emissions, the state should adopt IECC 2009 residential and ASHRAE 90.1 2007 commercial energy codes and adopt additional energy efficiency code requirements that would improve overall energy efficiency in buildings by at least 30% over the next 5 years.
- 11. Public awareness of efficiency:** So that all New Mexicans integrate into their daily lifestyle energy efficiency and conservation measures, state government (NMED's Climate Masters and EMNRD), should coordinate with community groups and energy-related businesses the effective production and dissemination of educational materials and resources for public understanding of NM's

energy resources, energy audits, weatherization, retrofitting and efficient use of energy and water.

- 12. Legislator awareness of efficiency:** So that legislators further understand and support energy efficiency and conservation efforts, the NM Mortgage Finance Authority (NM MFA) should invite them to observe energy audits/weatherization implementation throughout New Mexico.

UTILITY RATES

- 13. Utility rates:** So that consumers use energy more efficiently the Public Regulation Commission (PRC) should adopt a rate-making mechanism to allow utility companies to earn a fair economic return on energy efficiency investments. Incentives should be based on measured energy savings.
- 14. Support for low-income people:** In order to address New Mexico's energy affordability gap so that low income consumers spend less available income on energy needs, state and local governments and utilities should work to establish sustainable funding to provide efficiency, renewable energy, and payment assistance measures to eligible households.

FUNDING PRIORITIES

- 15. Funding strategy for long-term technology development:** So that New Mexico increases state tax revenues, generates a return on investment, and stimulates the private economy, the government should: 1) utilize existing statutory authority and prudent investment standards to invest in energy development and commercialization of new energy solutions; 2) reallocate bonding capacity; and 3) stimulate and attract private investment. Both public and private dollars can be used for: incentives for energy development, transmission, and manufacturing; commercialization of new technology solutions; and environmental protection.
- 16. Compare costs of energy options long-term instead of short-term:** So that decision-makers may fairly influence New Mexico's diverse energy economy regarding state-of-the-art energy infrastructure and generation capacity, the New Mexico Energy Minerals Natural Resources Department (NMEMNRD) or the PRC should create a transparent process that analyzes the life-cycle cost² of

¹ Triple bottom line accountability is a business framework that tries to weigh the impact of social, environmental, and financial performance (often referred to as people, planet, and profit). The concept ensures that an organization is responsible to stakeholders (not just shareholders) who are influenced, either directly or indirectly, by the investments, costs, and actions of the organization. Using triple bottom line accountability, an organization reports the costs and benefits of the social, environmental, and financial impacts associated with an investment.

² Life-cycle cost analysis (LCC), sometimes called cradle-to-grave analysis, is an objective method and decision-making tool that identifies and quantifies all factors that influence the total system cost of an investment alternative. It is used to assess the long-term economic consequences of any decision.

various conventional and renewable energy investment alternatives and informs the rate payers, tax payers, and investors.

17. **Fund collaborative energy research:** The legislature should fund the newly created Research Applications Center (SB 205) to create coordination and collaboration of research and development activities among the national labs, state research universities, agencies, businesses and entrepreneurs to implement a diverse research and development program in all areas of conventional, renewable, and emerging energy technologies and to fund feasibility studies to analyze advanced energy issues such as coupling algae biofuel with coal, manure to biomass, co-generation of solar and wind energy, geothermal, and energy storage.
18. **Research and development:** So that the growing energy demand can be met with a diverse energy portfolio and drive economic growth while protecting the environment the federal government should fund research and development (R&D) and set emission standards and let the market achieve those standards; the state should work with local governments to promote energy-friendly business; the universities and national labs should aggressively pursue funding for energy technologies R&D; and that private industry should further invest in energy technologies.

Implementation of the Town Hall Recommendations

This New Mexico First town hall was not a destination, but rather was a launching point for state and local reform. In order to ensure that these recommendations will be acted upon, New Mexico First identified an Implementation Team Chair with leadership experience and influence. **Jennifer Salisbury** is an attorney and consultant on natural resources issues who formerly served as Cabinet Secretary of the New Mexico Energy, Minerals, and Natural Resources Department. In the first Bush administration, she was appointed to several executive level positions at the U.S. Department of the Interior. Early in her career, Ms. Salisbury served as Director of Legislation to a U.S. Senator and Assistant U.S. Attorney in Albuquerque. She received her Juris Doctor from the University of New Mexico School of Law. She is a New Mexico First Board member.

As chair of the Implementation Team, Jennifer will lead a group of town hall volunteers who want to take action on the recommendations that were so thoughtfully prepared during the three-day deliberation. The Implementation Team will work for 12-18 months. Updates on their progress will be provided to the town hall participants and posted on the New Mexico First website.

Appendix A: Vision Statements

Participants at the town hall worked in small groups. Each group was asked to develop a response to the following question: *Imagine it is the year 2020 and New Mexico has benefited from a decade of consistent and innovative energy policies. Our energy economy is nationally recognized for excellence. What does excellence look like?* These are the results of that discussion.

Blue Group

In the year 2020, New Mexico is nationally recognized for excellence in its energy policy including efficiency, conservation and affordability as key elements. New Mexico has established and implemented responsible generation and export of energy from a broad portfolio of sources as a way to generate income and financial stability for the state. To do this, New Mexico has invested in state-of-the-art infrastructure and in creating an educated community and skilled workforce with access to diverse job opportunities.

Brown Group

In 2020, New Mexico has achieved a diversified energy portfolio standard in order to weather energy and price fluctuations. The increase of supply and reduction of demand put the state in an enviable position with an energy economy based on a strong free market and less price supports for all energy sources. New Mexico has grown its renewable energy portfolio to be a dominant renewable energy producer in the nation. It has significantly increased its net export of energy from a diversified resource base. Our reputation was enabled by the leadership and partnership of all conventional and renewable energy sectors. We are the energy technology playground. We are an integrated energy research and production center. Research and production of renewables are intended to help fulfill a growing national demand for energy. We have a statewide attitude of "In-Our-Own-Backyard."

Gray Group

In the year 2020, New Mexico has become a global leader in a sustainable energy economy. We have achieved this vision by maximizing our current strengths – abundance of energy natural resources, diversity of energy sources, financial stability, technological innovation, and workforce development. We focus our attention on energy policy including energy resource efficiency, conservation and technology development. We have a comprehensive plan that supports the financial viability of all individual and corporate players in the energy economy--producers, manufacturers, utilities, consumers, and suppliers. We continue to grow and adapt to the needs of our businesses and our consumers in ways that grow our state's revenues for government operations and education funding and that sustain our natural resources and environment. Our energy costs are affordable and stable.

Green Group

In 2020, New Mexico is recognized for its world class conventional and renewable energy industries. Companies have

developed breakthrough technologies in energy storage, energy controls, and energy generation. New Mexico is internationally recognized for its "intellectual capital" and workforce (i.e. universities, and labs). A well integrated, diversified, affordable, sustainable, energy generation and conservation program has been established. There is a high level of cooperation and communication between industry and business, state, county, and local government. New Mexico is the state with the highest energy efficiency per capita in the nation. The energy needs of all New Mexicans, including low income households, are being affordably met.

Orange Group

The state of New Mexico has been nationally recognized for excellence in energy policies providing affordable, adaptable, and sustainable energy to all New Mexico citizens and also supporting a vibrant energy export economy. In addition, New Mexico has accomplished the following: a business-friendly environment balancing economics and environmental protections, smart growth, research and development for cleaner and more energy efficient technologies including building and industry design standards, energy sustainability, fiscal and policy support for energy infrastructure, a diverse energy profile, and an education system that provides a trained workforce and informed community beginning K-12.

Red Group

Through education, collaboration within a federal framework, and the utilization of its diverse energy resources and technologies, the state of New Mexico is a robust energy exporter and has an aggressive conservation program and skilled workforce that promotes energy efficiency, significant reduction of carbon emissions and respects the value of energy innovation that is economically viable.

Yellow Group

In 2020, after benefiting from a decade of consistent and innovative energy policies, NM has a clean, cheap, reliable, available, efficient, diversified energy system that benefits all of the citizens in the state. Due to sound and streamlined regulation and an informed and motivated populace, and with the national labs and universities commercializing world-class research, there are more new technology jobs (e.g., aquaculture, greenhouse, and biofuels) and renewable energy (wind, solar, geothermal, biomass), joining fossil fuels. NM has implemented a smart green grid for the export of energy.

Backed by sound science, there are real commitments to environmental improvements, including water quality improvements, a reduction in environmental pollutants and improved human health. State residents benefit from higher per-capita income, a larger and better-diversified state general fund, affordable energy bills, and a higher quality of life while working towards the goal of greenhouse gas reduction.

Appendix B: Town Hall Committees and Speakers

Town Hall Speakers

The Honorable Diane Denish, Lt. Governor, State of New Mexico
Fred Mondragón, Cabinet Secretary, New Mexico Department of Economic Development
Craig O'Hare, Special Assistant for the New Mexico Energy, Minerals and Natural Resources Department
Thomas Bowles, Chief Science Advisor, State of New Mexico
Bob Gallagher, President, New Mexico Oil and Gas Association
Patricia Lundstrom, New Mexico House of Representatives
David Melton, President and CEO, Sacred Power Corporation
Greg Nelson, Executive Director of Utility Services, PNM Resources
Tom Taylor, New Mexico House of Representatives

Town Hall Leadership Team

The following people served on the Leadership Team of the town hall, facilitating sessions or managing the flow of recommendations into the final report.

Pamela Blackwell	Jessica Lawrence	Erin Sanborn
Lynne Canning	Lisa Marbury	Donna Smith
Governor Garrey Carruthers	Carl Moore	Lisa Stuckey
Seth Cohen	Kathleen Oweegon	Brittney Tatum
Kathy Komoll	Jennifer Peña Smith	Nicole Wilkening
Krista Koppinger	Charlotte Pollard	

Town Hall Implementation Team

The following town hall attendees volunteered to serve on the Implementation Team. They will advance the recommendations with state and local leaders.

Jennifer Salisbury, Implementation Team Chair
Heather Balas, NMF President

Adriana Badal	Allison Majure	Eric Renz-Whitmore
Bruce Barnaby	Bob Mang	Russell Richards
Cindy Bothwell	Susie Marbury	Pat Risner
Elizabeth Bush-Ivie	Joe McCaffrey	Erin Sanborn
Brian Carlozzi	Sandra McCardell	Georges Scott
Beaumont Chrismer	Joe Menapace	Tom Smith
Ellen Drew	Eileen Mulvihill	Jim Taylor
Karin Foster	Kirsten Norman	Jamie Welles
Gary Geernaert	Jeanne O'Dean	Janet Winchester-Silbaugh
Susan Gregory	Joe Ortiz	Monica Whitaker
David Griscom	Claudia Pavel	Larry Winn
Ron Herman	Robyn Pease	Maria Van Gelder
Kira Jones	Sonia Phillips	Fred Yarger
Mushtaq Khan	Carol Radosevich	John Zent

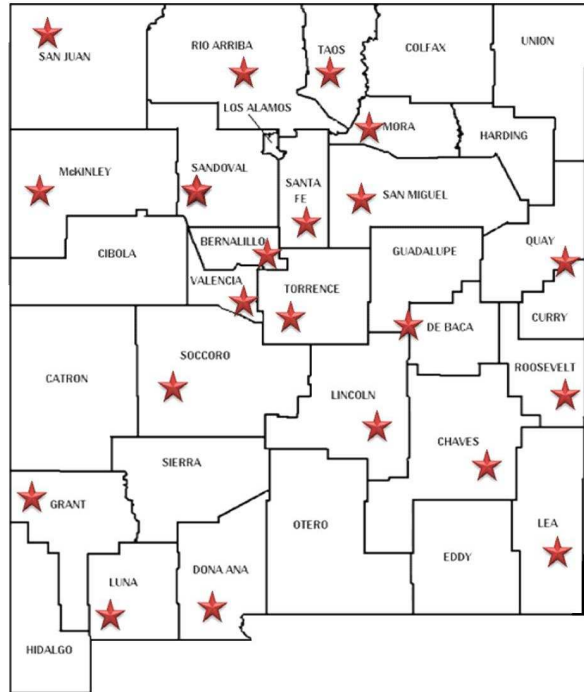
Appendix C: Demographic Distribution of Participants

The 200 town hall registrants were drawn from 37 communities around New Mexico and they represented a wide range of perspectives.

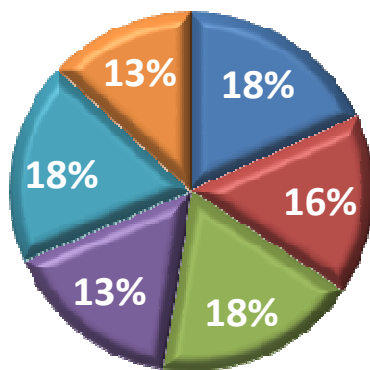
Communities Represented:

The following communities were represented at the town hall:

Albuquerque	Artesia
Bernalillo	Clovis
Columbus	Corona
Corrales	Espanola
Farmington	Fort Sumner
Fruitland	Gallup
Hobbs	Lamy
Las Cruces	Las Vegas
Los Alamos	Mesilla Park
Mountainair	Placitas
Pojoaque	Portales
Rio Rancho	Roswell
Sandia Park	Santa Cruz
Santa Fe	Silver City
Socorro	Taos
Tatum	Tyrone
Villanueva	Wagon Mound



Participants by Interest Area



- Conventional Souces (18%)
- Renewable Sources (16%)
- Utilities & Transmission (18%)
- Conservation (16%)
- Economic Development (18%)
- Other (13%)

Appendix D: Town Hall Registrants

Rodolfo Acosta, Participant

Arrowhead Center- NMSU
Las Cruces, NM

Hector Aguirre, Participant

Arrowhead Center- NMSU
Las Cruces, NM

Adriana Badal, Participant

Avanza Government Affairs
Albuquerque, NM

Naresh Baliga, Participant

Advent Solar Inc.
Albuquerque, NM

Joe Barela, Participant

Concise Motion Sytems, Inc.
Albuquerque, NM

Bruce Barnaby, Participant

NMUSA
Albuquerque, NM

Connie Beimer, Observer

University of New Mexico
Albuquerque, NM

Gepetta Billie, Observer

Sandia National Laboratories
Albuquerque, NM

James Bingham, Participant

Santa Fe Community College
Albuquerque, NM

Dave Blivin, Participant

Cottonwood Technology Group
Los Alamos, NM

Marvin Bonilla, Participant

King's Gate Academy
Hobbs, NM

Cindy Bothwell, Participant

PNM
Albuquerque, NM

Molly Brook, Participant

Conservation Voters New Mexico
Albuquerque, NM

Johnna Bruhn, Participant

New Mexico Department of Agriculture
Las Cruces, NM

Laura Brunson, Observer

DW Turner
Albuquerque, NM

Tony Burris, Participant

Datura LLC
Santa Fe, NM

Liz Bush-Ivie, Participant

Occidental Permian Ltd.
Houston, TX

Chris Campbell, Participant

IEE Resources Center
Albuquerque, NM

Pat Cardona, Participant

AARP
Albuquerque, NM

AJ Carian, Observer

DW Turner
Albuquerque, NM

Brian Carlozzi, Participant

Armstrong Energy Corporation
Roswell, NM

Tom Carroll, Observer

Carroll Strategies
Albuquerque, NM

Virgil Chavez, Participant

ConocoPhillips
Farmington, NM

Joel Chinkes, Participant

Photon Harvest Company
Columbus, NM

Matt Christison, Participant

Advent Solar Inc
Albuquerque, NM

Dean Chumbley, Participant

Marbob Energy Corporation
Artesia, NM

Elaine Cimino, Participant

Citizens for Environmental Safeguards
Albuquerque, NM

Tom Clifford, Participant

New Mexico Tax Research Institute
Santa Fe, NM

Jeff Corey, Participant

ConocoPhillips
Farmington, NM

Lloyd Covens, Participant

Solar7
Las Cruces, NM

Luci Davis, Observer

BHP Billiton
Farmington, NM

Kelly De la Torre, Observer

Beatty & Wozniak, P.C.
Denver, CO

Dale Dekker, Participant

Dekker/Perich/Sabatini
Albuquerque, NM

Leo Delgado, Participant

Arrowhead Center- NMSU
Las Cruces, NM

Cynthia Diaz, Participant

Espanola Valley High School
Espanola, NM

Mike Doerr, Participant

City of Portales
Portales, NM

Linda Duffy, Observer

Sandia National Laboratories
Albuquerque, NM

Mike Emerson, Participant

Sound Point
Albuquerque, NM

Jeff Engman, Participant

ConocoPhillips
Farmington, NM

Valeria Estrello, Participant

King's Gate Academy
Hobbs, NM

John Fernald, Participant

New Mexico Gas Company
Albuquerque, NM

Steve Fischmann, Participant

New Mexico Senate
Mesilla Park, NM

Karin Foster, Participant

Independent Petroleum Assn. of NM
Albuquerque, NM

Jean Foster, Observer

USDA/NRCS
Albuquerque, NM

Sue Fullen, Participant
PNM
Albuquerque, NM

Eddie Garcia, Participant
Santa Fe County
Santa Fe, NM

Phil Gasteyer, Participant
Village of Corrales
Corrales, NM

Gary Geernaert, Participant
Los Alamos National Laboratory
Los Alamos, NM

George Gilfillan, Participant
BHP Billiton
Farmington, NM

Gordon Glass, Participant
Retired
Farmington, NM

Daniela Glick, Observer
Economic Development Department
Santa Fe, NM

Susan Gregory, Participant
Adelante Consulting
Albuquerque, NM

John Griffith, Participant
Public Services Alliance
Las Cruces, NM

Rick Grimes, Participant
Arizona Public Service
Fruitland, NM

Jami Grindatto, Observer
Intel
Rio Rancho, NM

David Griscom, Participant
Regional Development Corporation
Santa Fe, NM

Randy Grissom, Participant
Santa Fe Community College
Santa Fe, NM

Keven Groenewold, Participant
NMRECA
Santa Fe, NM

Jessica Guzman, Participant
Espanola Valley High School
Espanola, NM

Amanda Hargis, Participant
Santa Fe County
Santa Fe, NM

Lloyd Hatch, Participant
New Mexico Gas Company
Roswell, NM

Michelle Henrie, Participant
MHenrie
Albuquerque, NM

Ron Herman, Participant
NM Solar Energy Association
Albuquerque, NM

Kathy Holian, Observer
Santa Fe County
Santa Fe, NM

John Hulkonen, Participant
Pueblo of Sandia
Bernalillo, NM

Shrayas Jatkar, Participant
Sierra Club - NM Field Office
Albuquerque, NM

Kira Jones, Participant
Community Action New Mexico
Albuquerque, NM

Evan Jones, Participant
BHP Billiton
Farmington, NM

Tim Keller, Observer
NM State Senate
Albuquerque, NM

Steve Kelley, Participant
DRI Energy
San Leandro, CA

Mushtaq Khan, Participant
New Mexico Tech/IERA
Albuquerque, NM

Jay Lazarus, Observer
Glorieta Geoscience, Inc.
Santa Fe, NM

Corey Leclerc, Participant
New Mexico Tech
Socorro, NM

Debi Lee, Participant
City of Portales
Portales, NM

Anne Lightsey, Participant
NMF Tomorrow's Leaders
Albuquerque, NM

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DLI Communication Consultants
Albuquerque, NM

Marie Longserre, Observer
Santa Fe Business Incubator
Santa Fe, NM

Allison Majure, Participant
Los Alamos Dept. of Public Utilities
Los Alamos, NM

Jim Manatt, Participant
Providence Technologies, Inc.
Roswell, NM

Bob Mang, Participant
New Voice of Business
Santa Fe, NM

Susie Marbury, Participant
ECMD
Santa Fe, NM

Sondra Match, Participant
NM Aging & Long Term Services Dept.
Santa Fe, NM

Jim Mayhew, Participant
PNM Resources
Albuquerque, NM

Mary McArthur, Observer
NM Solar Energy Association
Albuquerque, NM

Joe McCaffrey, Participant
New Mexico Highlands Foundation
Las Vegas, NM

Sandra McCardell, Participant
Regional Development Corporation
Santa Fe, NM

Sherman McCorkle, Participant
Technology Ventures Corporation
Albuquerque, NM

Clay McDonald, Observer
Terracon Consultants, Inc.
Midland, TX

Tim McGivern, Participant
ConocoPhillips
Albuquerque, NM

Delane McUne, Participant
Clovis Community College
Clovis, NM

Joe Menapace, Participant
Menapace Government Relations
Placitas, NM

Brendan Miller, Participant
NM Economic Development Department
Santa Fe, NM

Tom Mills, Participant
Tom Mills and Associates
Santa Fe, NM

Rhonda Mitchell, Participant
Tri-State Generation & Transmission
Rio Rancho, NM

Peter Mitchell, Observer
City of Albuquerque
Albuquerque, NM

Jessica Moseley, Observer
Shaw Environmental
Pojoaque, NM

Anna Muller, Participant
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Albuquerque, NM

Eileen Mulvihill, Participant
NMCARES
Villanueva, NM

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Economic Forum
Albuquerque, NM

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Albuquerque, NM

Kirsten Norman, Participant
LMATA Government Services
Albuquerque, NM

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Taos Community Foundation
Taos, NM

Jeanne O'Dean, Participant
Global Telesis 3, LLC
Santa Fe, NM

Craig O'Hare, Participant
EMNRD
Santa Fe, NM

Richard Oot, Participant
Everguard Solar
Albuquerque, NM

Joe Ortiz, Participant
Sustainable Resources Inc.
Santa Fe, NM

Art Paterson, Participant
BUILD New Mexico
New Mexico, NM

Claudia Pavel, Participant
Positive Energy
Santa Fe, NM

Jerry Payne, Participant
US Forest Service
Albuquerque, NM

Steve Pearson, Participant
Environx, LLC
Mountainair, NM

Robyn Pease, Participant
Portales Tomorrow's Leaders Program
Portales, NM

Mark Person, Participant
New Mexico Tech
Socorro, NM

Sonia Phillips, Participant
Xcel Energy
Roswell, NM

Wayne Pilz, Participant
Southwestern Biomass, LLC
Los Lunas, NM

Andi Plocek, Observer
SkyFuel
Albuquerque, NM

Angela Plusquellic, Participant
Net Impact
Albuquerque, NM

Leon Porter, Participant
SW Wind Dynamics
Corona, NM

Brent Racher, Participant
Southwestern Biomass
Corona, NM

Carol Radosevich, Participant
PNM
Albuquerque, NM

Sam Redford, Participant
Redford Associates
Silver City, NM

Eric Renz-Whitmore, Observer
ARTS Lab / NMTC
Albuquerque, NM

Manuel Reyes, Participant
Arrowhead Center- NMSU
Las Cruces, NM

Russell Richards, Participant
Great Western Drilling Company
Midland, TX

Pat Risner, Participant
BHP Billiton
Farmington, NM

Suzanne Roberts, Observer
Technology Ventures Corporation
Albuquerque, NM

Van Romero, Observer
New Mexico Tech
Socorro, NM

Sandra Roney, Observer
Espanola Valley High School
Santa Cruz, NM

Charlie Roybal, Participant
BHP Billiton
Farmington, NM

Terry Ruby, Participant
ConocoPhillips
Farmington, NM

Darin Sand, Participant
Goodman Realty Group
Albuquerque, NM

Ravi Sankaran, Observer
Shell Wind Energy
Houston, TX

Eduardo Saucedo, Participant
Arrowhead Center- NMSU
Las Cruces, NM

Brian Schmidly, Observer
Flintco, Inc.
Albuquerque, NM

Gerald Schultz, Participant
Black Range RC&D
Tyrone, NM

Gerges Scott, Observer
DW Turner
Albuquerque, NM

Deborah Seligman, Participant
NM Oil & Gas Association
Santa Fe, NM

Matthew Sena, Participant
King's Gate Academy
Hobbs, NM

Jonathan Sena, Participant
City of Hobbs
Hobbs, NM

Sharon Shaheen, Participant
Montgomery & Andrews, PA
Santa Fe, NM

Rick Shean, Observer
NMED
Santa Fe, NM

Dory Shonagon, Observer
Citizen
Albuquerque, NM

Duncan Sill, Participant
Santa Fe County
Santa Fe, NM

Tom Smith, Participant
Strategic Project Assessment, LLC
Albuquerque, NM

Allen Sparks, Participant
Ft. Sumner Community Development Corp.
Fort Sumner, NM

Judy Stubbs, Observer
NM Economic Development Department
Roswell, NM

Jim Taylor, Participant
Value Creation Enterprises, LLC
Santa Fe, NM

Chase Taylor, Participant
Portales Tomorrow's Leaders Program
Portales, NM

Ron Toya, Participant
Tribal Government Institute
Albuquerque, NM

Everett Trujillo, Observer
Moss Adams LLP
Albuquerque, NM

T.J. Trujillo, Observer
Gallagher & Kennedy, P.A.
Santa Fe, NM

Ty Trujillo, Observer
Gallagher & Kennedy, P.A.
Santa Fe, NM

Dana Ulmer-Scholle, Participant
New Mexico Tech
Socorro, NM

Maria Van Gelder, Participant
New Mexico Homes, Inc
Albuquerque, NM

Tim Van Valen, Participant
Brownstein Hyatt Farber Schreck
Albuquerque, NM

Gordon Walhood Jr., Participant
Bohannon Huston, Inc
Albuquerque, NM

Ben Way, Participant
ConocoPhillips
Farmington, NM

Jamie Welles, Participant
JWelles & Associates, LLC
Albuquerque, NM

Bob Wessely, Participant
Water Assembly
Las Vegas, NM

Monica Whitaker, Participant
HDR Engineering, Inc.
Albuquerque, NM

Evan Williams, Participant
NW NM Council of Governments
Gallup, NM

Janet Winchester-Silbaugh, Participant
Citizen
Sandia Park, NM

Larry Winn, Participant
CONNECTIONS, Inc.
Gallup, NM

D'Nette Wood, Participant
New Mexico Intention
Albuquerque, NM

Ben Yanda, Participant
Permits West
Santa Fe, NM

Fred Yarger, Participant
NM Center for Energy Policy/NM Tech
Hobbs, NM

John Zent, Participant
ConocoPhillips
Farmington, NM

Sharon Zubrod, Participant
ConocoPhillips
Farmington, NM

Appendix E: New Mexico First Leadership

Board of Directors and Executive Committee

Heather Balas*
Albuquerque

Connie Beimer*
Albuquerque

Zane Bergman
Hobbs

Simon Brackley
Santa Fe

J.D. Bullington*
Albuquerque

Tony Burris
Santa Fe

Michelle Campbell
Albuquerque

Governor Garrey Carruthers*
Las Cruces

Steve Carter
Las Cruces

Carol Cochran*
Albuquerque

Dolores Connor
Las Cruces

Linda Duffy
Albuquerque

Jed Fanning
Albuquerque

Kathie Gilbert
Silver City

Jami Grindatto*
Rio Rancho

Michelle Henrie*
Albuquerque

Bill Johnson
Albuquerque

Sharon King
Portales

Greg Leyendecker
Albuquerque

Jim Manatt*
Roswell

Sherman McCorkle*
Albuquerque

Tom Mills*
Santa Fe

Ray Mondragón
Clovis

Lori Montgomery
Truth or Consequences

Lillian Montoya-Rael*
Santa Fe

Carl Moore*
Santa Fe

Vince Murphy*
Albuquerque

Greg Nibert
Roswell

Stuart Paisano
Pueblo of Sandia

Shelley 'Sam' Redford*
Silver City

Jennifer A. Salisbury*
Corrales

Brian Sanderoff*
Albuquerque

Manuel Saucedo
Lordsburg

Kurt Steinhaus
Santa Fe

Jack Swickard
Roswell

Sayuri Yamada *
Santa Fe

*Member of the Executive Committee

Board Emeritus

Robert Armstrong
Roswell

Jon Barela
Rio Rancho

Kathleen Bond
Olathe, Colorado

Mary Jean Christensen
Gallup

Dale Dekker
Albuquerque

Lt. Governor Diane Denish
Santa Fe

John Dowling
Gallup

Richard Fairbanks
Albuquerque

Dr. Everett Frost
Portales

William "Bing" Grady
Albuquerque

Bill Knauf
Albuquerque

Carol Robertson Lopez
Santa Fe

Maureen Luna
Albuquerque

Tom Mills
Santa Fe

Arlene Roth
Fort Meyers, Florida

Lynn Slade
Albuquerque

David Steinborn
Las Cruces

Thomas Tinnin
Albuquerque

A.P. Trujillo
Silver City

J. Ronald Vigil
Santa Fe

John Wagner
Albuquerque

Founders and Honorary Co-Chairs

The Honorable Jeff Bingaman
United States Senator
Founder & Honorary Co-Chair of NMF

The Honorable Tom Udall
United States Senator
Honorary Co-Chair of NMF

The Honorable Pete Domenici
United States Senator, retired
Founder of NMF

Ex-Officio Board Members

The Honorable Bill Richardson
Governor of the State of New Mexico

The Honorable Jeff Bingaman
United States Senator

The Honorable Tom Udall
United States Senator

The Honorable Martin Heinrich
United States Congressman-District I

The Honorable Harry Teague
United States Congressman-District II

The Honorable Ben Ray Lujan
United States Congressman-District III

Manuel Pacheco
Interim President, New Mexico State University

David Schmidly
President, University of New Mexico

Dr. John E. Counts
President, Western New Mexico University

Dr. Steven Gamble
President, Eastern New Mexico University

Dr. Daniel H. Lopez
President, New Mexico Tech

Dr. James A. Fries
President, New Mexico Highlands University

Staff

Heather Balas
President and Executive Director

Krista Koppinger
Director of Events & Administration

Charlotte Pollard
Deputy Director

Brittney Tatum
Database and Events Coordinator



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