

New Mexico's Quarterly Reporting Strategies

US Department of Energy, State Energy Program
National Training Forum



New Mexico State Energy Program

- ▶ New Mexico Energy Conservation and Management State Energy Program(SEP) Team
- ▶ Quarterly Performance Reporting for U.S. DOE SEP Funding
- ▶ Quarterly Financial Reporting for U.S. DOE SEP Funding



New Mexico State Energy Office

- ▶ New Mexico Energy Conservation and Management Division (State Energy Office)
 - ▶ Thirteen Staff Strong
 - ▶ One Director
 - ▶ Four Engineers
 - ▶ Four Planners
 - ▶ Four Administrative/Grant
- ▶ New Mexico State SEP Quarterly Report Team
 - ▶ Louise Martinez, ECMD Director
 - ▶ Jeremey Lewis, Program Development and Management Bureau Chief
 - ▶ Teresa Sandoval, Grants Manager
 - ▶ Gail Cooke, Clean Energy Program Manager



New Mexico Quarterly Performance Reporting

- ▶ SEP Accomplishments and Media Information
 - ▶ Each week a report is developed that outlines the tasks that staff have conducted/completed over that week
 - ▶ The report includes the following categories:
 - ▶ Action Items
 - ▶ Follow-up Items
 - ▶ Budget/Fiscal Issues
 - ▶ Legal Issues
 - ▶ Personnel Issues
 - ▶ Press Releases
 - ▶ Media/Communications/Marketing
 - ▶ Other Information




New Mexico Quarterly Performance Reporting

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

Ken McQueen
Cabinet Secretary

Matthias Sayer
Deputy Cabinet Secretary



Louise N. Martinez, Division Director
Energy Conservation and Management Division

**Energy Conservation and Management Division
Weekly Activity Report
Week of August 7 – August 11, 2017**

Action Items:

- None

Follow-up Items:

- Received a call from Richard Bell, Utah's Governor's Office, regarding the New Mexico signing on to the MOU that Utah, Colorado and Nevada have developed from the development of EV travel corridors along major interstates.

Budget/Fiscal Issues:

- None

Legal Issues:

- None

Personnel Issues:

- None

Press Releases Issued This Week:

- None

Media/Communications/Marketing:

- None

Other Information:

Renewable Energy:

- Falling energy storage costs could result in residential solar storage systems becoming cost-competitive with grid electricity by 2020. The study, [Energy Storage Deployment and Innovation for the Clean Energy Transition](#), estimates that lithium-ion battery prices may drop to \$100 per kilowatt-hour in 2018, though the authors note that potential cuts to U.S. investment in energy research could slow innovation and potentially delay cost declines.
- DOE's 2016 Wind Technologies Market Report finds wind energy is being sold at record-low prices: the national average price of wind PPAs has dropped to around 2¢/kWh.
- Met with Northern NM College President Rick Bailey to confirm use of the college facilities to build the pole mounted solar prototype on campus. He will enlist the assistance of the

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provost, engineering dean, business dean and other staff as needed to create a solar manufacturing facility along with a business incubator to make and sell the arrays. Followed up with engineering dean on how to devise a better control mechanism for the tracker and with the business dean on a solar survey her students may give to manufactured home dwellers.

- Met with PRC Commissioner Valerie Espinosa, whose districts covers Espanola, to brief her on the solar project. She invited ECMD staff to brief the full commission.
- Met with Jemez Electric Coop's Joseph Sanchez and Valerie Martinez to update them on the solar project's technical and financial progress as well as promote the coop's role in the low/moderate income solar project. They are excited to support a project that can help meet the coop's social responsibility to its customers.
- Weld County, the top oil-producing county in Colorado, is expected to have an operational 16-MW solar farm by the end of 2017. The solar farm is designed to replace land now featuring 15 decommissioned oil wells.
- Met with the Maureen Vosburgh of the Cornerstones Communities Partnership on possible candidates and attendees for their upcoming talk series on Solar for Tribal groups. We are hosting their meetings here at Porter Hall.
- Met with Peter Page of Amenergy on help with the PV on a Pole project. Peter has volunteered to help install one system at the Santa Fe Community College.
- Supported Ken Hughes in a visit to NMPRC commissioner Valerie Espinoza in discussing the PV on a Pole project at Northern New Mexico College in Espanola.

Energy Performance Contracting:

- Certified the energy savings of the Judicial, Administration and Street lighting projects for Sandoval County after significant new data was provided to improve the accuracy of the calculation. Several other buildings remain to be reviewed using the new more accurate data.
- Provided information to the State Energy Office of Nevada on Energy Performance Contracting.
- Began the review of the Bureau of Elections for Sandoval County. The comments to Energy Control Incorporated (ECI) should go out Friday. ECI has also sent in four other reports that will be evaluated over the next week.
- Met with GSD to determine solutions to a heating issue in the Anaya building.

Energy Roadmap:

- ECMD staff supported in the planning efforts leading up to the Energy Roadmap meeting this week.
- The second meeting of the Energy Roadmap Steering Committee took place on August 10th at the Albuquerque Balloon Museum. Although attendance was down for this meeting the group maintained a good representation from all energy sectors and the numbers. The smaller numbers allowed for a much more in depth and lively conversation about broad and some very specific goals and objectives. The morning session consisted of breaking into the original three groups to discuss the preferred and not preferred parts of the drafted scenarios. The afternoon consisted of breaking into six small groups to discuss goals and objectives in each of the 6 areas listed below. These six groups each developed three goals and up to five specific objectives or action steps required to reach the desired goals.
 - Transport of energy
 - Transport of people and goods

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New Mexico Quarterly Performance Reporting

- ▶ SEP Informational Contacts and Workshop, Trainings and Educational Session Information
 - ▶ Each staff member reports at the end of quarter using a standardized Excel Spreadsheet

Solar + Storage Talk						
A	B	C	D	E	F	G
Time Period: Jan - March 2017						
Name: Ken Hughes						
Session Name	Host/Facilitator	Sector (Renewable Energy, Energy Efficiency, Alternative Fuels)	Date	Location	# of Attendees	Brief Description
Solar + Storage Talk	Santa Fe Community College	Renewable Energy	24-Feb	Santa Fe Community College	35	Dr. Imre Gyuk and college faculty shared information on latest in the field
Integrated Resource Planning	Public Service Co. of NM	Electric Utility	28-Mar	PNM	35	Update on the IRP process
Solar Energy Talk	Emily Zahn	Renewable Energy	3/25/2017	Cherry Hills Library, 6901 Barstow St. NE Albuquerque, NM 87111	60+	Review of solar energy in New Mexico, residential solar installations, contractors, financing, installations
Portfolio Manager	Perry Vigil	Energy Efficiency	3/22/2017	Espanola Waste Water Plant	2	Setup of Portfolio Manager for the Espanola Wastewater Plant
Site Visit	Clarence Aragon	Energy Efficiency	3/21/2017	Mora Waste Water Plant	5	Visit plant to see the construction going on.
Site Visit	Robert Marchon	Renewable Energy	2/3/2017	Robert Marchon, Rio Rancho, NM	3	Site visit to residence to review requested tax credits for solar thermal project
NASEO 2017 Energy Policy Outlook Conference	NASEO	Renewable Energy, Energy Efficiency, Alternative Fuels	2-7 thru 2-10-17	Washington D.C.	100+	Made short presentation regarding our office's recent award of a 2016 SEP competitive award (Energy Roadmap) and presented the project goals.
Farmington Energy BASH	NM Business Coalition	Fossil fuel and power industry	30-Mar	Farmington, NM	100+	Discussions about the current state of the fossil fuel industry and power sector in the four corners region. EMNRD Secretary spoke at the event.
						Testified at two NM Senate committee hearings and one NM House committee hearing regarding Senate Joint Memorial 21 (legislative joint memorial for our Energy

January February March 2017			Informational Contacts		
Contact Name	Organization Name	Additional Notes			
85 John McAllister	ECI/OPTerra				
86 Alice Dasek	DOE				
87 Scott Stevens	ECI/OPTerra				
88 Marek Grabowski	Tax and Revenue Department				
89 Jim Ploger	Energy Services Coalition				
90 Mark Stacy	Iberdrola Renewables				
91 Johanna Nelson	Economic Development Department				
92 Randy Johnson	ECI/OPTerra				
93 Michael Boyer	Ameresco				
94 Neal Skiver	George K. Baum				
95 Scott Griffith	Energy Services Coalition				
96 Jaime Sowers	Monte del Sol Charter school				
97 Robert Jessen	Monte del Sol Charter school				
98 Will Travers	Noresco				
99 Nora Valdez	Honeywell				
100 Scott Stormont	Ameresco				
101 David Fredrick	ECI/OPTerra				
102 Jack McGowan	McGowan Group				
103 Approximately 5 individuals	Homeowners	Ground source geothermal heat pump tax credit			
104 Bill Rigles (5)	Ag Power				
105 Chris Cortez (3)	Atkin's Engineering				
106 Wes Maurer	Colorado Energy Office				
107 Julia Wise	NMEDD				
108 Rita Bates	NMED				
109 Kerwein Singleton	NMED				
110 Robert Lazar	APS				

New Mexico Quarterly Performance Reporting

- ▶ Develop Word Document SEP Summary Quarterly Report
 - ▶ Outreach
 - ▶ Efficient Transportation
 - ▶ Energy Policy Information
 - ▶ Grid
 - ▶ Geothermal
 - ▶ Energy storage and Microgrids
 - ▶ Biomass
 - ▶ Tax Credits



New Mexico Quarterly Performance Reporting

- ▶ Develop Word Document SEP Summary Quarterly Report (Cont.)
 - ▶ Volkswagen Settlement
 - ▶ Electric Utilities
 - ▶ Schools
 - ▶ Energy Efficiency
 - ▶ Higher Education Capital Outlay
 - ▶ Other
- ▶ SEP Summary Quarterly Performance Report is reviewed by team members before entered into DOE's Performance and Accountability for Grants in Energy (PAGE)



New Mexico Quarterly Performance Reporting

- ▶ The Summary information is entered into the two Market Titles New Mexico has for Performance Reporting:
 - ▶ Administration Program
 - ▶ Alternative Fuels
 - ▶ Rideshare
 - ▶ Geothermal
 - ▶ Residential Buildings (Sustainable Building Tax Credit)
 - ▶ Energy Building Codes
 - ▶ Energy Efficiency & Renewable Energy/Building Program
 - ▶ Energy audits
 - ▶ Develop audit specifications
 - ▶ Develop contractual agreements



New Mexico Quarterly Performance Reporting

PAGE Demonstration for Quarterly Performance Reporting



New Mexico Quarterly Financial Reporting

PAGE Demonstration for Quarterly Financial Reporting



For More Information

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