



STATE OF NEW MEXICO

ENERGY ASSURANCE PLAN

APRIL 2021

REPORT

Introduction

The New Mexico Energy Assurance Plan (EAP) was developed through the leadership of the New Mexico Energy, Minerals and Natural Resources Department (EMNRD), Energy Conservation and Management Division (ECMD). Updates to the EAP include collaboration with the Department of Homeland Security and Emergency Management (DHSEM) along with federal, state, and local government agencies, public and private utilities, and private businesses. An Energy Assurance Advisory Group (EAAG) was organized from stakeholders, which serve as the subject matter experts during the Energy Emergency Assurance planning process. The New Mexico Assurance Plan will continue to be updated throughout the next year.

Executive Summary:

Energy assurance planning is critical to New Mexico and its various entities. The New Mexico Energy Assurance Plan (EAP) was developed to serve as a resource for the State to improve emergency operations in preparing for, responding to and recovering from an energy sector failure to include: electrical power outage or disruption, natural gas delivery disruption, and/or liquid fuels shortage or delivery disruption. An EAP sets the framework for present and future actions involving the loss of services within the state and its communities. The NM EAP document is a vital piece of the state's overall strategy during a disruption of services event and its response to that event. As such, the NM EAP must be continually reviewed and updated to reflect changes in the infrastructure, entities associated with services, and contacts listed within the document.

The State of New Mexico is not immune to energy delivery challenges or issues. New Mexico is a border state, with a population of approximately 2 million residents, spread out over 121,666 square miles. New Mexico is a thinly populated state, which averages only 17 persons to each square mile. Bernalillo County is home to one third of the entire state's population. Another one third lives in rural areas. Population centers are few and energy delivery systems are critical because of the number of rural consumers and the distances between those consumers. New Mexico is the nation's fifth largest state with considerable diversity both in demography and geography. Known for its varied topography, New Mexico includes desert terrain, broken mesas, wooded forests, and mountain peaks. The Rio Grande runs through the middle of the state from north to south. The highest point in New Mexico is Wheeler Peak at 13,161 feet above sea level in the Sangre de Cristo Mountain range. The mean elevation of the state of New Mexico is 5,700 feet above sea level. These factors including domestic or international terrorism create a necessity to protect, plan, prepare, and respond to many variable situations. New Mexico's border with Mexico is approximately 300 miles in length. Concern of international or state terrorism exists and represents a significant threat to U.S. national security and energy production and delivery within the state.

Presently, climate is probably the most dominate factor in planning for energy assurance in New Mexico. Wildland fires and extreme temperature changes have direct effects on energy production and delivery. New Mexico receives little rainfall annually and wildfires present substantial issues in energy assurance. From 2013-2017, roughly 640,000 acres were burned due to wildfire, with an average of 900 wildfires per fire season. Because of continued drought conditions throughout the state, fire seasons have been extended with fires starting earlier in the year and lasting longer. In fiscal year 2017, there was a total of 803 wildfires with more than 93,151.84 acres burned and a total of 19 structures destroyed. Some of these fires have damaged or caused significant and prolonged energy shortages and outages in many communities. Energy transmission and distribution systems have been destroyed by fire and certain communities have been without energy for extended periods of time.

In February of 2011, an abnormal cold front brought the coldest temperatures in nearly 40 years to New Mexico. These temperatures caused widespread natural gas outages throughout the state. The largest natural gas utility in the state, New Mexico Gas Company, curtailed gas delivery on February 2, 2011 to parts of its system serving Taos, Espanola, Bernalillo, Alamogordo, and other communities in order to shed load. Approximately 32,000 customers were shut off from natural gas to protect the integrity of the entire system from failing. The company has described this event as the "perfect storm", a combination of extremely cold weather that caused demand to soar and rolling electricity blackouts in Texas. These electricity blackouts in Texas curtailed operations in key gas fields that produce the gas delivered to New Mexico by interstate pipelines. Approximately 12,000 customers were without natural gas for more than five days.

New Mexico Governor Susana Martinez issued State of Emergency Declarations in 2011 regarding statewide outages of natural gas and electric service in some locations due to heating demands from record-breaking cold weather. All non-essential state offices were closed. The Governor also urged all local governments and school districts throughout the state to close in an effort to allow gas distribution lines to recover. Also, the Governor signed legislation allowing more New Mexicans to be trained on relighting natural-gas pilot lights, including Fire and National Guard personnel. The lack of trained or certified technicians prolonged the energy crisis.

This issue has caused great concern to both the consumers, state policy-makers, and the New Mexico Gas Company. Numerous public meetings before the New Mexico Public Regulatory Commission (NMPRC) took place between February 2011 and December 2012. A summary of the Findings and Conclusions of the NMPRC can be found at https://www.nmgco.com/pdf/Pipeline_March2013.pdf and at the back of this document.

Federal Facilities and Targets for Terrorism

New Mexico is home for two national laboratories, Sandia and Los Alamos. It also provides four military bases, Holloman Air Force Base, Cannon Air force base, Kirtland Air Force Base and White Sands Missile Range. In addition, Fort Bliss is directly across the New Mexico/Texas border in El Paso. In the southern part of the state, the Department of Energy Waste Isolation Pilot Plant is located in Carlsbad, New Mexico. All of these locations are considered as high value targets for acts of Terrorism.

Other high value targets include natural gas storage facilities, natural gas/petroleum pipelines, electricity production plants, switching stations, substations, electricity transmission lines, vehicle fuel storage facilities, fuel pipelines, water reservoirs and water storage facilities. Rail and highway commerce, along with agriculture, are also considered vulnerable targets in New Mexico.

Water and waste water treatment are critical issues in every community in New Mexico. There is a direct link between energy assurance and state water issues. In fact, it may

be considered the most serious link between energy resources and community sustainability. Energy delivery and consumption is of utmost concern between energy supply for waste water treatment and water delivery. Should an energy outage occur at a waste water treatment facility, difficult decisions would be required regarding potable water delivery. Many regulations exist regarding direct disposal of waste water because of an energy shortage.

States and communities prepare for all types of disasters. However, little effort is placed on energy disruption prevention, with the limited exception of petroleum for transportation needs and stable energy supply for water delivery and waste water treatment. Local governments make concentrated efforts to keep law enforcement on the streets during petroleum fuel shortages. Energy availability is critical to waste water treatment and energy outage prevention by water utilities are high priorities. Most local government entities have developed emergency operations plans that are linked together as part of a critical infrastructure support and response system. Most preventive actions for energy assurance are performed at the Federal or National level. Key federal agencies such as Homeland Security, Department of Energy and the Federal Bureau of Investigation provide guidelines and direction for prevention measures. One goal of this report is to transition from response and recovery to energy assurance planning. This will take a significant change in local government planning and preparedness initiatives.

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Disclaimer:

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ELECTRICITY

New Mexico has seen a population growth rate of 1.3% per year on average from 2010-2014, while primary energy consumption growth rate has averaged 0.2% per year. Energy expenditures per capita is \$3,432 (in 2015), ranking New Mexico 34th among all US states.

The state is served by three investor-owned electric utilities: Public Service Company of New Mexico (PNM), El Paso Electric (EPE) and Xcel Energy. PNM, based in Albuquerque, is the state's largest electricity provider with about 487,000 customers in 100 communities statewide. EPE covers southern New Mexico along with territory in west Texas, serving 361,000 customers. Xcel Energy serves a total 3.3 million customers in eight Midwestern and Western states, including 114,000 in New Mexico. Twenty-one rural electric cooperatives handle the remaining customers in New Mexico. Tri-State Generation and Transmission Cooperative serves twelve of the state's electric cooperatives. **Public Service Company of New Mexico** is based in Albuquerque. PNM Resources is an energy holding company with 2017 consolidated operating revenues of \$1.44 billion. Through its utilities - PNM and Texas - New Mexico Power TNMP - and energy subsidiary - First Choice Power - PNM Resources serves electricity to 875,300 homes and businesses in New Mexico and Texas. PNM serves approximately 500,000 customers in the state of New Mexico.

PNM's generation capacity of more than 2,600 megawatts includes a mix of coal, natural gas, nuclear and wind generation. PNM owns all or part of eight power plants, seven of which are in New Mexico. PNM's power plants are fueled by coal (37 percent of total), nuclear power (10 percent), natural gas (37 percent) and renewables (16 percent). The remainder of PNM's power comes from power purchases. See the NM EAP Renewable Section for more information on their renewable power generation sites.

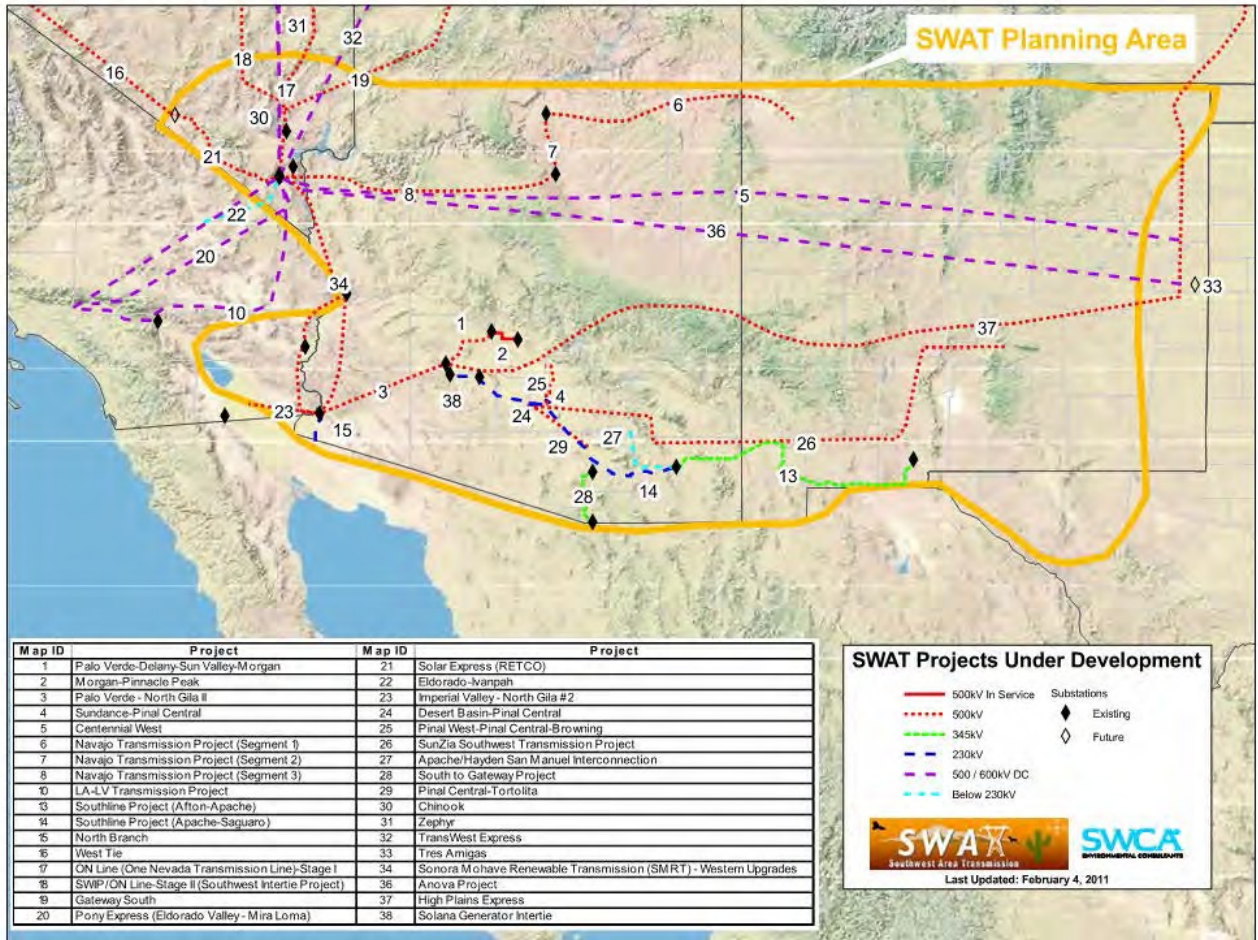
In addition, the company has a 50-percent ownership of Optim Energy, which owns and markets nearly 1,200 megawatts of generation in the Electric Reliability Council of Texas market.

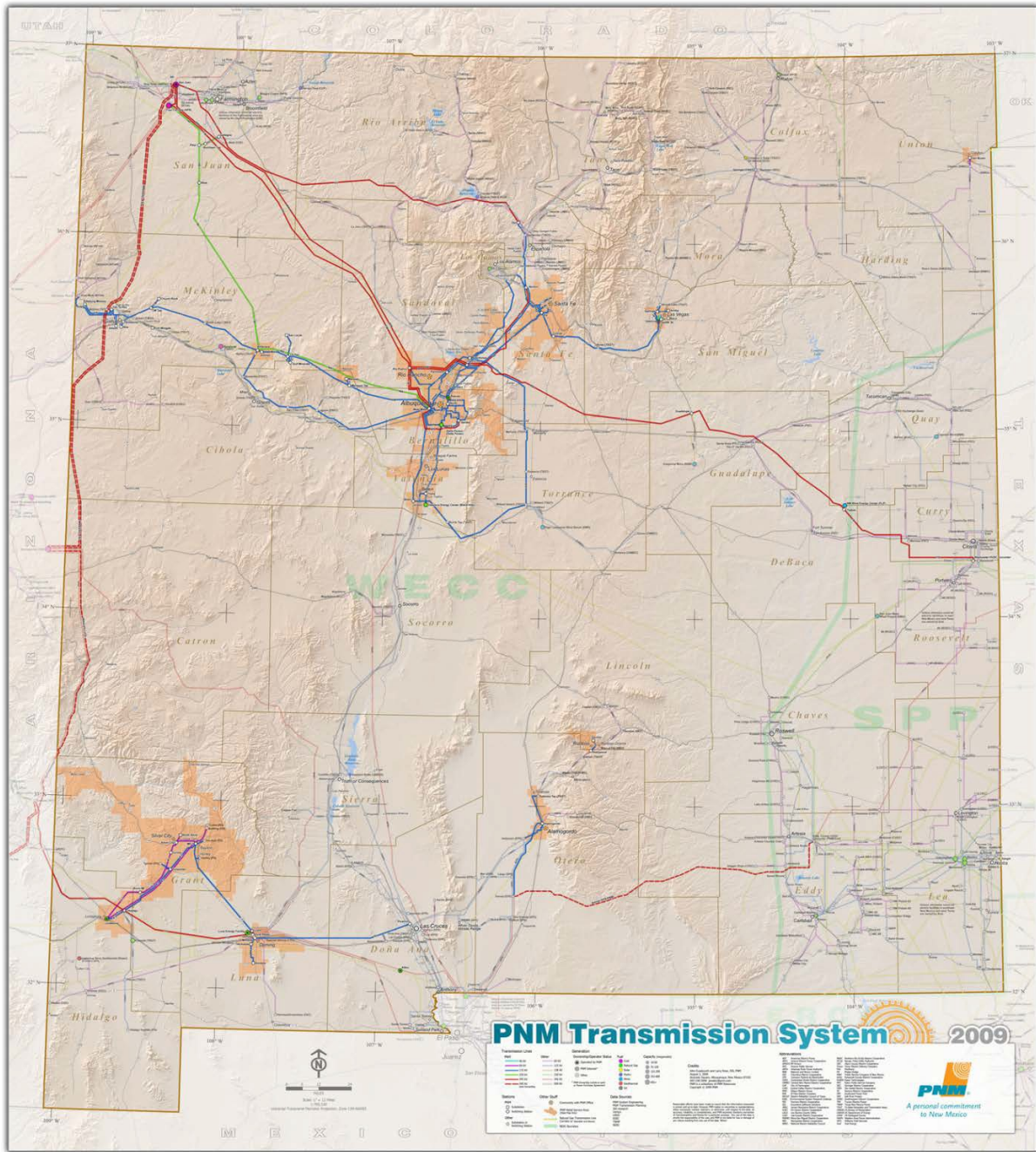
PNM owns and maintains about 17,400 miles of power lines within New Mexico. Transmission lines account for about 16 percent of that total. These high-voltage lines, usually operated at 115 or 345 kilovolts, bring electricity from power plants to substations in cities and towns. From these substations, power is delivered to each end user via extensive networks of lower voltage distribution lines.

PNM is a member of the Southwest Area Transmission group. As a member, its transmission plans are incorporated into a regional transmission organization long term infrastructure planning scenario. The map below incorporates SWAT members' expansion plans into a southwest regional development plan.

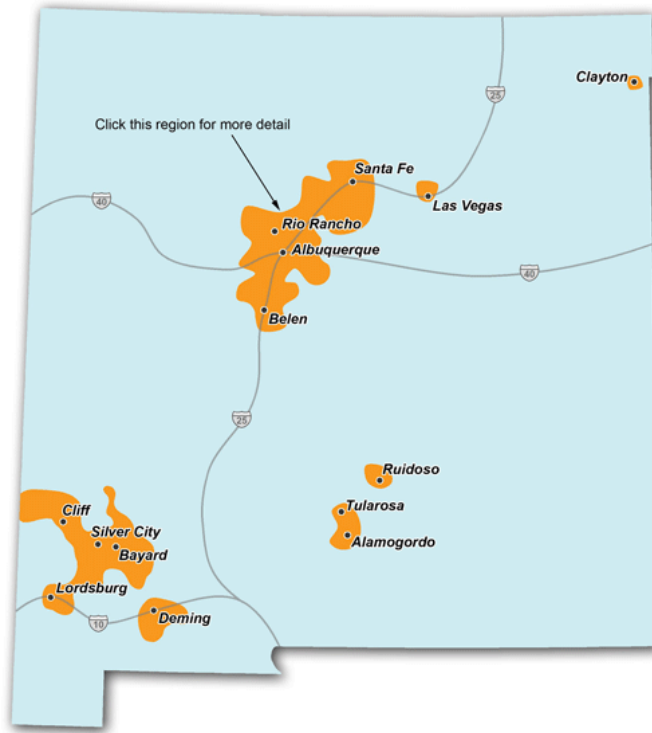
PNM Emergency Outage Contact Phone Numbers:

1-888-342-5766



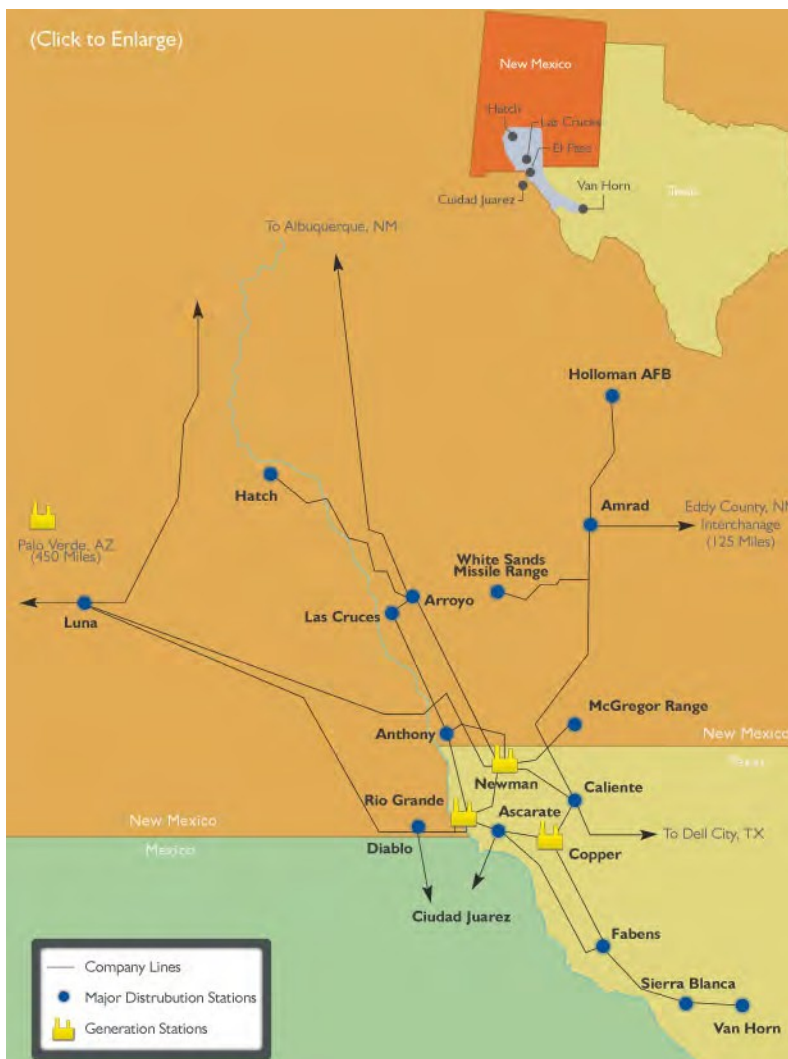


PNM's Service Area:



El Paso Electric is a regional electric utility providing generation, transmission and distribution service to approximately 403,000 retail and wholesale customers in a 10,000 square mile area of the Rio Grande valley in west Texas and southern New Mexico. Its service territory extends from Hatch, New Mexico to Van Horn, Texas and includes two connections to Juarez, Mexico and the Comisión Federal de Electricidad (CFE), Mexico's national utility. EPE's principal industrial and large customers include steel production, copper and oil refining, and United States military installations including the United States Army Air Defense Center at Fort Bliss in Texas and the White Sands Missile Range and Holloman Air Force Base in New Mexico.

EPE has a net dependable generating capability of 2,010 MW. It's facilities include a percent interest in the Palo Verde Nuclear Generating Station in Wintersburg, Arizona, a 7 percent interest in the Four Corners Station in northwestern New Mexico, the Rio Grande Power Station in Sunland Park, New Mexico, the Newman Power Station and the Copper Power Station in El Paso and the Hueco Mountain Wind Ranch in Hudspeth County, Texas.



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El Paso Electric Outage Contact Phone Number:

915-877-3400 in Texas

575-523-7591 in New Mexico

[Type here]

[Type here]

[Type here]

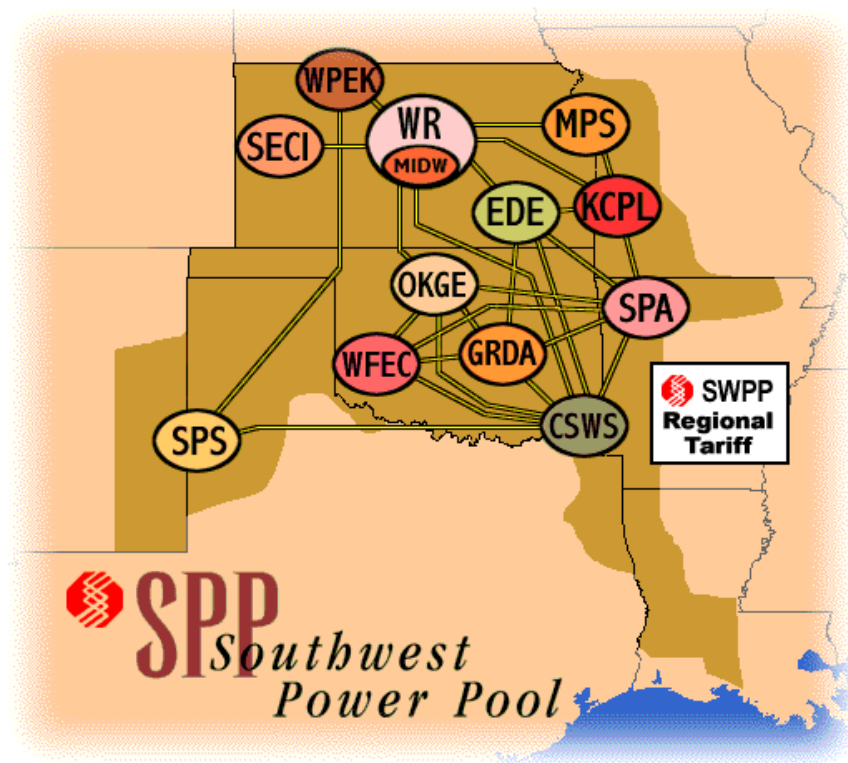
Xcel Energy is a combination electricity and natural gas energy company serving 3.4 million electricity customers and 1.9 million natural gas customers in eight Western and Midwestern states. They operate nearly 300,000 miles of conductor miles of transmission and distribution lines and more than 35,000 miles of natural gas pipelines.

Xcel Energy is the fourth largest investor-owned transmission system with more than 18,100 miles of electric transmission lines and nearly 900 transmission and transmission/distribution substations throughout our eight-state service territory. Major control centers are in Minneapolis, Minn.; Golden, Colo.; Eau Claire, Wis.; and Amarillo, Texas.

Xcel Energy is part of the Southwest Power Pool (SPP) under its Southwestern Public Service System (SPS). SPP is one of nine Independent System Operators/Regional Transmission Organizations (ISOs/RTOs) and one of eight NERC Regional Entities. SPP is mandated by FERC to ensure reliable supplies of power, adequate transmission infrastructure, and competitive wholesale prices of electricity.

SPP provides the services to members in nine states: Arkansas, Kansas, Louisiana, Mississippi, Missouri, Nebraska, New Mexico, Oklahoma, and Texas.

Reliability Coordination: SPP monitors power flow throughout their system and coordinates regional response in emergency situations or blackouts.



Southwest Power Pool Curtailment website:

<http://sppoasis.spp.org/documents/tlr/curtail.cfm>

Xcel Energy provides electricity to the following NM communities:

- Artesia
- Carlsbad
- Clovis
- Dexter
- Eunice
- Hagerman
- Hobbs
- Jal
- Lake Arthur
- Loving
- Portales
- Roswell
- Texico
- Tucumcari

**Xcel Emergency Outage Contact Phone Numbers:**

1-800-895-1999 for residential or
1-800-481-4700 for business.

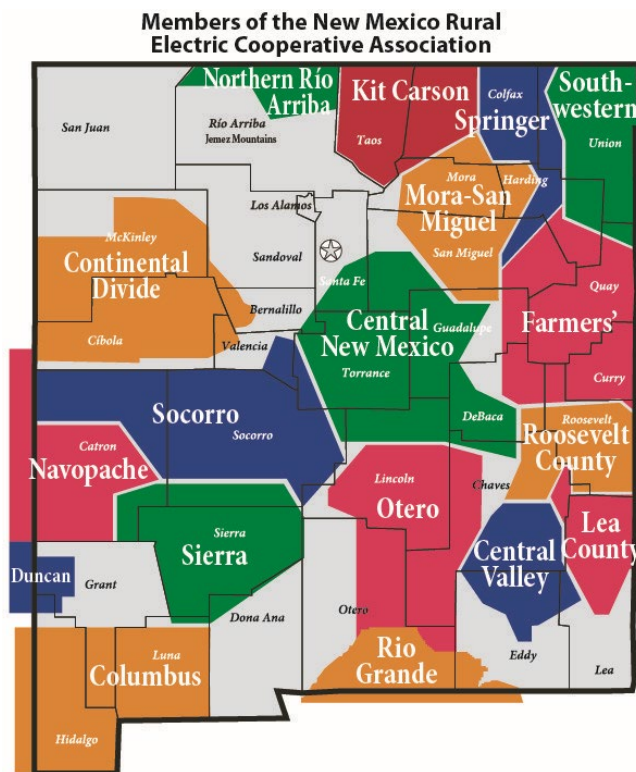
Generation:

Hobbs Generating Station is located west of Hobbs, N.M. near Xcel Energy's Cunningham and Maddox generating stations. It was developed by and is owned by Lea Power Partners. The 600-megawatt unit is a combined cycle gas combustion turbine and a steam-driven turbine.

Maddox Station is located West of Hobbs, New Mexico. It's Unit 1 is a natural gas-fired, steam-electric generating unit and units 2 and 3 are natural gas combustion turbines. Power Production Capabilities: 193 megawatts (MW): Unit 1 – 118 MW, Unit 2 – 65 MW, and Unit 3 – 10 MW.

Cunningham Station is a four-unit, natural gas-fueled station located West of Hobbs, new Mexico. The first two units installed are steam turbine units; the second two are combustion turbine units. Power Production Capabilities: 487 megawatts (MW): Unit 1 – 71 MW, Unit 2 – 196 MW, Unit 3 – 110 MW, and Unit 4 – 110 MW.

Tri-State Generation and Transmission Association is a wholesale electric power supplier owned by the 44 electric cooperatives that it serves. Tri-State generates and transmits electricity to its member systems throughout a 200,000 square-mile service territory across Colorado, Nebraska, New Mexico and Wyoming serving approximately 1.5 million consumers. The New Mexico electric cooperatives are listed below:



Electric Distribution Cooperative Members

- Central New Mexico Electric Cooperative, Inc., Mountainair, NM (575) 832-4483
- Central Valley Electric, Artesia, NM (575) 746-3571
- Columbus Electric Cooperative, Inc., Deming, NM (575) 546-8838
- Continental Divide Electric Cooperative, Inc., Grants, NM (505) 285-6656
- Farmers' Electric, Clovis, NM (575) 769-2116
- Kit Carson Electric Cooperative, Inc., Taos, NM (575) 758-2258
- Lea County Electric, Lovington, NM (575) 396-3631
- Mora-San Miguel Electric Cooperative, Inc., Mora, NM (575) 387-2205
- Northern Rio Arriba Electric Cooperative, Inc., Chama, NM (575) 756-2181
- Otero County Electric Cooperative, Inc., Cloudcroft, NM (575) 682-2521
- Roosevelt County Electric, Portales, NM (575) 356-4491
- Sierra Electric Cooperative, Inc., Elephant Butte, NM (575) 744-5231
- Socorro Electric Cooperative, Inc., Socorro, NM (575) 835-0560
- Southwestern Electric Cooperative, Inc., Clayton, NM (575) 374-2451
- Springer Electric Cooperative, Inc., Springer, NM (575) 483-2421

Electric Distribution Associate Member Cooperatives

- Duncan Valley Electric, Duncan AZ (928) 359-2503
- Navopache Electric Lakeside, AZ (928) 368-5118
- Rio Grande Electric Brackettville, TX (830) 563-2444

The New Mexico Rural Electric Cooperative Association (NMRECA) is a statewide not-for-profit service organization for New Mexico's electric cooperatives. New Mexico's rural electric cooperatives provide electric utility services to almost over 200,000 New Mexico families and businesses who own their electric cooperatives. Their cooperatives serve 80 percent of the land mass in New Mexico, from the Jicarilla Reservation in the

northwest to the oil fields of the Permian Basin in the southeast; from the northeastern grasslands to the boot heel desert.

There are 15 rural electric distribution cooperatives in New Mexico, two generation and transmission cooperatives, and three rural electric distribution cooperative associate members of NMRECA. The Navajo Tribal Utility Authority is not a member of the association.

Each cooperative has their own Emergency Restoration Plan. A USDA Rural Utilities Service requirement requires annual reviews of these plans by each cooperative. The cooperatives also have a shared equipment agreement in place with various vendors in the region to replace or repair utility equipment in case of equipment damage.

Only one cooperative in the state, Central NM Cooperative, has a mobile flatbed 115 kV transformer for use in restoration efforts. Backup generation is not included in any of the state's cooperative plans.

Communication within the cooperatives includes two-way data relays at the substation level along with some select video feed monitoring.

POWER GENERATION

The Four Corners Power Plant is one of the largest coal-fired generation stations in the country. It is located about 25 miles west of Farmington in NW New Mexico on Navajo land. The plant's two units generate 770 megawatts each of electricity and serve about 300,000 households in New Mexico, Arizona, California and Texas.

Afton Generation Station is located about 12 miles southwest of Las Cruces and can produce 230 megawatts of power. The plant is designed to provide power to the Western wholesale market as well as serve a backup for electricity needs within New Mexico.

Delta-Person Generating Station is a single unit, 132-megawatt, natural gas fired plant located in the South Valley of Albuquerque. It was built to provide summer peaking power to Albuquerque and to support the area's transmission system.

Lordsburg is a 80 megawatt generation station in southwestern New Mexico. It provides power during peak use times and is used to enhance power reliability in the region.

The New Mexico Wind Energy Center is located 170 miles southeast of Albuquerque and 20 miles northeast of Fort Sumner. The wind center consists of 136 turbines, each standing 210 feet high. The facility can produce up to 200 megawatts of power, or enough electricity to power 94,000 average-sized New Mexico homes.

Reeves Generation Station is a 154-megawatt natural gas fired plant in north Albuquerque. It is used as an auxiliary plant for transmission support and peak electric demand periods.

San Juan Generating Station, located 15 miles west of Farmington, N.M., is a coal fired, 2 unit, power plant with a 964 megawatts capacity. It serves more than 2 million customers in the Southwest and West.

SMART GRID APPLICATIONS:

The investment needed to implement a fully functional smart grid in the US ranges from \$338 billion to \$476 billion and can result in benefits between \$1.3 trillion and \$2 trillion, according to new figures released by the Electric Power Research Institute (EPRI).

The estimate reflects new technologies related to the grid, information, and communication technologies; market structures; demands of an increasingly digital society; more widespread deployment of renewable power production and its integration into the grid; expansion and maintenance of existing infrastructure; and technologies and systems to address grid security.

The report balances costs with benefits, which include:

- More reliable power delivery and quality, with fewer and briefer outages
- Enhanced cyber security and safety with a grid that monitors itself and detects and responds to security and safety situations
- A more efficient grid, with reduced energy losses and a greater capacity to manage peak demand, lessening the need for new generation
- Environmental and conservation benefits, better support for renewable energy and electric-drive vehicles
- Potentially lower costs for customers through greater pricing choices and access to energy information.

The analysis updates EPRI's 2004 EPRI assessment, which estimated the cost of implementing a smart grid at \$165 billion. The analysis looked at projected costs over the next 20 years in core smart grid technologies in four areas: transmission, substation, distribution and customer interface.

SunZia Transmission

This project is proposed by SunZia Transmission, LLC. The company plans to construct and operate up to two 500 kilovolt (kV) transmission lines originating at a new substation in either Socorro County or Lincoln County in the vicinity of Bingham or Ancho, New Mexico, and terminating at the Pinal Central Substation in Pinal County near Coolidge, Arizona.

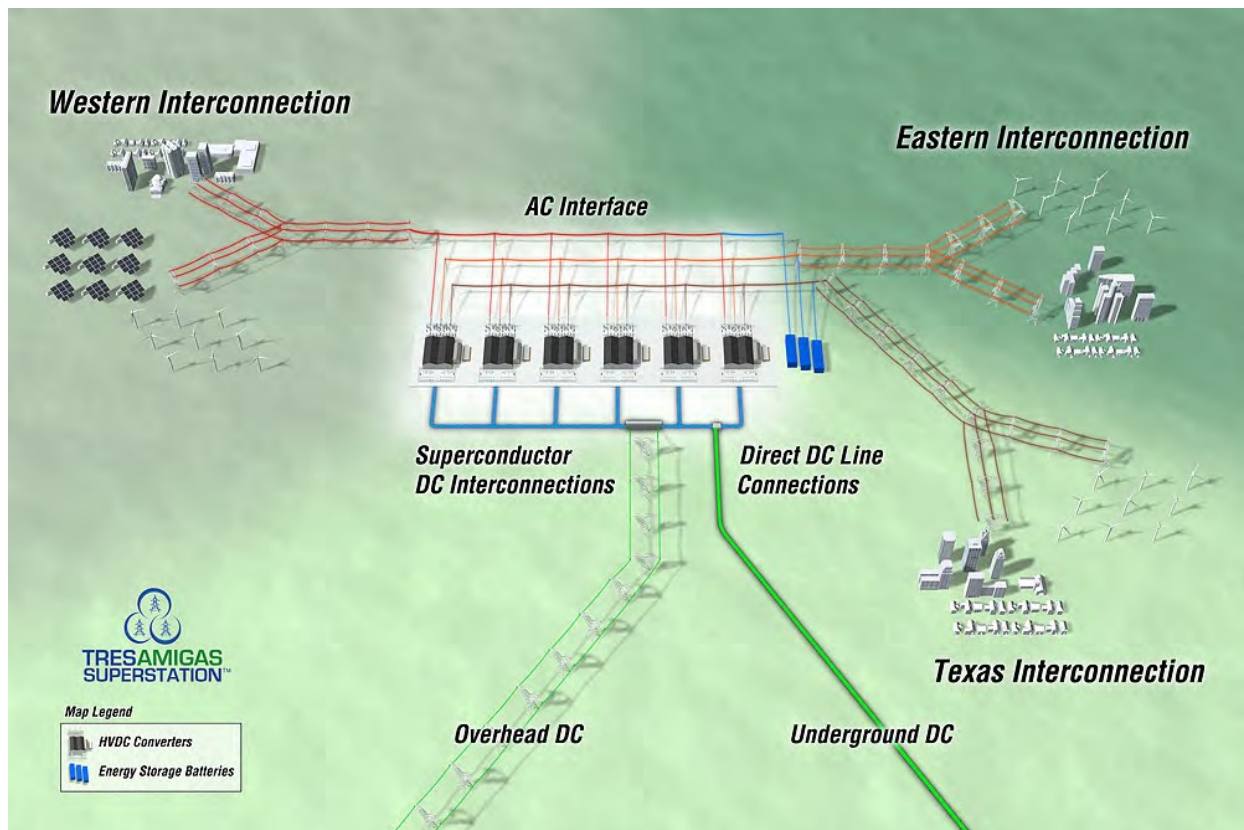
The purpose of the proposed project is to transport electricity generated by power generation resources, including primarily renewable resources, to western power markets and load centers. The SunZia project would enable the development of renewable energy resources including wind, solar, and geothermal generation by creating access to the interstate power grid in the Southwest.

The \$1.5 billion proposed transmission line route would be approximately 500 miles in length. The proposed route and alternatives would cross approximately 45 miles of BLM lands in Arizona and 170 miles in New Mexico, along with state and private lands. SunZia is anticipated to be in-service by 2020.



TRES AMIGAS LLC

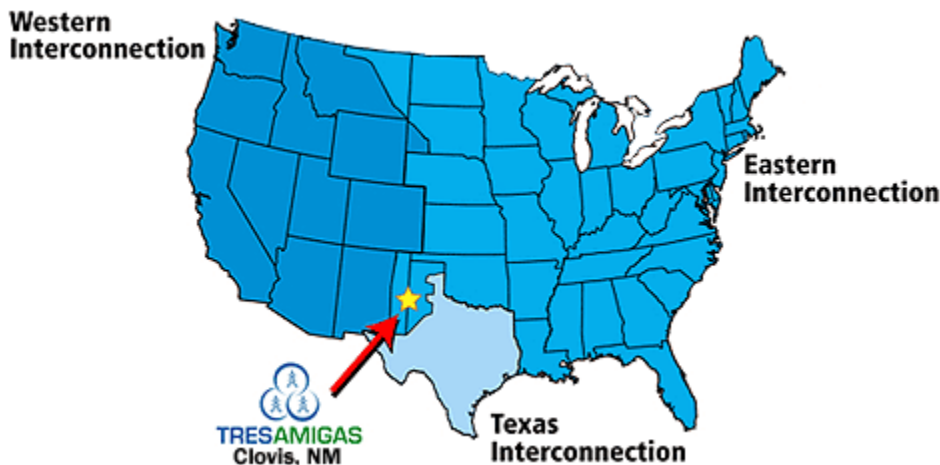
Tres Amigas, LLC will unite the nation's three electric grids. Utilizing the latest advances in power grid technology, Tres Amigas is focused on providing the first common interconnection of America's three power grids to help the country achieve its renewable energy goals and facilitate the smooth, reliable and efficient transfer of green power from region to region.



By connecting all three Interconnections for the first time ever and offering gigawatts of power transmission capability, the Tres Amigas SuperStation will help break these bottlenecks and help America achieve its aggressive renewable energy goals.

The Tres Amigas SuperStation will serve as the nation's first renewable energy market hub. Transmission companies and electric utilities will be able to connect to the SuperStation and purchase power from and sell power to each of the three U.S. power grids.

The Tres Amigas SuperStation will be constructed in Clovis, New Mexico, a location with many unique and strategic advantages. Clovis, located in New Mexico and close to the border of Texas, is located near current and planned transmission lines for America's three power grids (Eastern Interconnection, Western Interconnection and Texas Interconnection).



In March 2010, two national laboratories, Sandia and Los Alamos, the state of New Mexico and a Japanese agency joined to develop smart grid technology that would allow homeowners and businesses to take advantage of more renewable energy sources by better controlling the supply and demand of electric power.

Officials with Japan's New Energy and Industrial Technology Development Organization (NEDO) signed a memorandum of understanding that spells out the four-year demonstration project.

Researchers will build what they call a micro-grid in Los Alamos that will include a 1-megawatt solar photovoltaic system. A smart home will also be built in Los Alamos and a smart commercial building at Albuquerque's Mesa del Sol development will be used to help researchers better understand demand, consumer response and pricing. The state's largest public utility, Public Service Company of New Mexico, is also a partner in the project.

More than a dozen Japanese companies — including Toshiba, Hitachi and Kyocera — have signed up to help with various elements of the technology.

NEDO president Takefumi Fukumizu said NEDO chose to work with the State of New Mexico because it is home to two national laboratories — Los Alamos and Sandia — and state leaders have been aggressive in adopting renewable energy standards.

Los Alamos announced in September 2010 that it is getting \$52 million for its smart grid research project. The project would provide power from a solar panel system to 2,000 homes in Los Alamos to test how to smoothly integrate renewable energy onto the grid. Such smart grids are appearing nationwide.

The Los Alamos system includes:

- ◆ A 2-megawatt solar photovoltaic array --- including 5,000 solar panels with ten types of cells to evaluate efficiency levels.
- ◆ Massive back-up battery storage system
- ◆ A demonstration “smart house” with intelligent appliances and energy systems that people can tour
- ◆ New meters on 2,000 homes for real-time monitoring of electric consumption
- ◆ Central command-and-control center to run the network

It's the second such smart-grid demonstration project in New Mexico funded by Japan's New Energy Industrial Technology Development Organization. NEDO has budgeted \$37 million for the Los Alamos grid, including \$17 million already spent to get the system running, plus \$20 million to monitor and evaluate everything over the next two years. Los Alamos County is kicking in \$15 million for the system, which it will own after 2014.

Separately, NEDO budgeted \$22 million for a microgrid at the Mesa del Sol master-planned development in Albuquerque.

Taos, New Mexico has implemented Smart Grid technology into its system. Kit Carson Electric Cooperative has commenced a joint field trial of Advanced Metering Infrastructure (AMI) in Penasco, one of its service territories, with Fujitsu Limited, a global Information and Communication Technology Company (\$56B in revenue) based in Kawasaki, KANAGAWA, Japan.

The AMI system will enable the Kit Carson Co-operative to provide metering data in an interval of 15 minutes from approximately 2,100 smart meters. It will enable the system to provide a near real time meter readings in a more granular manner so that members can realize their energy consumption patterns so that they can adjust their behavior to conserve energy. This is an important milestone toward real-time pricing to balance demand with the capacity at optimal cost. Participants may benefit from this new system with improved customer service, rate planning and energy distribution.

Both companies will also test the capability of the network to bring broadband Internet service to residential users. The goal is to provide Internet connectivity to all the members at an affordable rate. Upon successful demonstration of the above capabilities, Kit Carson will plan on official launch of new electricity and telecommunications services utilizing the AMI system. In addition, there are several plans to test more features with the same system, such as distribution automation.

PNM Prosperity Energy Storage Project

The PNM project combines photovoltaics with battery storage for simultaneous voltage smoothing and peak shifting. Its purpose is to demonstrate how a 2.8MWh Zinc-Bromine flow battery along with a sophisticated control system turns a 500-kW solar PV installation into a reliable, dispatchable distributed generation resource. This hybrid resource will mitigate fluctuations in voltage normally caused by intermittent sources such as PV and wind and simultaneously store more energy for later use when customer demand peaks. The \$8.7 million demonstration project is located near Mesa del Sol, south of the Albuquerque International Airport.

Energy storage has the potential to provide significant support to the integration of renewable energy in the country. The Department of Energy and Sandia National Laboratories (SNL) are interested in accelerating the pace of deployment of energy storage technologies through cooperative partnerships with interested states. A Clean Energy States Alliance (CESA) has been tasked with facilitating this state-federal energy storage technology advancement partnership project.

ELECTRICITY DEMAND-SIDE MANAGEMENT PROGRAMS:

PUBLIC SERVICE COMPANY OF NEW MEXICO (PNM)

Below is a list of energy efficiency programs offered by PNM for their residential and business customers:

Business Energy Efficiency Programs

(For more information, visit PNM's [Save Money & Energy](#))

- **[Quick Saver Program](#)**
PNM offers business' a free energy assessment. The Quick Saver Program provides assessments for lighting and refrigeration retrofit upgrades. The assessment includes a written proposal that contains recommendations, estimated energy savings, costs covered by PNM rebates, and investment payback time for the upgrades that are most effective for your business.
- **[PNM New Construction Program](#)**
PNM business customers can apply for incentives for implementing more efficient designs and for conducting enhanced building commissioning in new construction.
- **[PNM Retrofit Rebates Program](#)**
The Retrofit Rebate Program offers Prescriptive (from a pre-set menu) and Custom incentives to business customers to install energy-efficient equipment in their existing facilities. Prescriptive rebates (selected from a pre-set menu of common retrofit measures) are for installing qualifying equipment in new and existing buildings, which include:
 - Energy-Efficient Lighting (Interior and Exterior)
 - Heating Ventilation and Air Conditioning (HVAC)
 - Refrigeration
 - Food Service Equipment
 - Premium Efficiency Motors and Variable Speed Drives on HVAC Motors
 - Window Film
 - Plug Load Controls
 - Industrial Equipment
- **[PNM Building Tune-Up Program](#)**
The PNM Building Tune-up program offers rebates for commercial customers to optimize building performance and improve system efficiency of small, medium and large commercial buildings using a systems approach of improving overall efficiency.
- **[PNM Distributor Discount Program](#)**
The PNM Distributor Discount Program (DDP) is a "midstream" rebate program. It's different from our other business energy efficiency programs, where the rebate occurs after installation ("downstream"). In the Distributor Discount Program, the energy efficiency savings occur "midstream," at the distributor level - as an instant discount at the point of sale. A participating equipment distributor sells an eligible piece of high-efficiency equipment to an eligible PNM commercial or industrial customer. The customer receives a "rebate" as a discount, instantly, at the time of purchase - and doesn't have to complete any paperwork. PNM then pays the

rebate directly to the equipment distributor.

- **PNM Power Saver Program**

PNM partners with its small business customers in the Albuquerque-metro and Santa Fe areas to manage their energy use during peak demand days. A small Power Saver device is connected to the exterior of the AC unit and installed free of charge by a PNM contractor. The device may be activated on certain summer days from June through September to put the AC unit in conservation mode (turning the compressor off for a few minutes each half-hour).

- **PNM Peak Saver Program (EnerNOC)**

This program is designed to help PNM large commercial electric customers reduce the amount of energy they use during peak demand days, typically the hottest days of the year. The program is administered by EnerNOC, an authorized third party contractor, and the company will work to manage the peak electricity load with each customer. Participation is free. A quarterly incentive is provided and depends on the amount of electricity saved. EnerNOC has roughly 65 MW of load under contract for PNM to use in reduction of demand efforts: about 30 MW of load from Large and General Power customers, and another 35 MW of load from Small Power customers.

Residential Energy Efficiency & Conservation Programs

(For more information, visit PNM's [Rebates and Discounts for Your Home](#))

- **[PNM Refrigerator Recycling Rebate](#)**
PNM offers this program for residential customers who turn in their old refrigerator or freezer, which can typically consume 3 times the power than energy-efficient ones. The utility will pick up the old appliance and give the owner a rebate in exchange.
- **[Home Lighting Discount](#)**
PNM residential electric customers can receive discounts on efficient light emitting diode (LED) light bulbs at participating retailers. Customers may also purchase discounted LEDs online at the [Energy Foundation Incorporated \(EFI\) online store](#).
- **[PNM Power Saver Program \(Comverge\)](#)**
PNM is partnering with its residential customers in the Albuquerque metro and Santa Fe areas to manage their energy use during peak demand days. A small Power Saver device is connected to the exterior of the AC unit and installed free of charge by a PNM contractor. The device may be activated on certain summer days from June through September to put the AC unit in conservation mode (turning the compressor off for a few minutes each half-hour).
- **[PNM Home Energy Checkup](#)**
With a PNM Home Energy Checkup, a home owner will receive a customized report on their home's energy performance and will learn ways to become energy smart, improve your family's comfort and lower your monthly energy costs.
- **[Cooling and Heat Pump Rebates](#)**
The PNM Cooling Rebate program reduces the cost for residential customers to purchase and install certain energy-efficient cooling equipment in their homes. There are two main ways to cool your home, evaporative cooling and refrigerated air conditioning. Both options include several technologies that qualify for a rebate.
- **[Rebates on Swimming Pool Pumps](#)**
The PNM Pool Pump Rebate Program provides residential customers with a \$300 rebate for purchasing and installing an ENERGY STAR-qualified variable speed pool pump. An ENERGY STAR pool pump can run at different speeds and be programmed to match the pool operation with the appropriate pool pump speed. The energy saved is considerable; reducing pump speed by one-half allows the pump to use just one-eighth as much energy.

EL PASO ELECTRIC (EPE)

Below is a list of energy efficiency programs offered by EPE for their residential and business customers. (For more information, visit [EPE Saver](#))

Residential:

- **[Air Filtration](#)**

The rebate for this program is calculated based on the reduction of air flow through the home's building envelope. A qualified home efficiency rater or contractor can properly assess the leakage rate of your home by performing a specialized pressure test using a tool called a blower door. The blower door takes readings at a specific pressure level and produces a leakiness rating expressed in cubic feet per minute (CFM). The higher the CFM reading, the leakier your home. The rater or contractor can reduce the leakage of your home using off the shelf technologies such as caulks, foams, and tapes.

- **Energy Star Pool Pumps**

EPE New Mexico residential customers are eligible to receive a maximum of one \$300 rebate for a new qualifying VSD pool pump. The qualifying VSD pump must be ENERGY STAR certified and be accompanied with an integrated controller. Used and refurbished VSD pool pumps do not qualify. Two speed and multiple speed pool pumps do not qualify. Please see the eligibility list at the bottom of this page for the current qualifying VSD pool pump models.

- **HVAC Tune-Up**

EPE's High Performance HVAC Tune-Up Program can help save up to \$200 toward the cost of qualifying efficiency repairs when a High Performance HVAC Tune-Up is conducted on a home's refrigerated air conditioning (AC) system. A High Performance HVAC Tune-Up can correct many common problems that prevent a system from operating efficiently, extending the life of the system, reducing energy costs, and improving comfort.

- **Refrigerated Cooling**

If a residential home doesn't have an air-conditioning, heating, refrigeration institute (AHRI) matched system with a high efficiency rating, the EPE Saver Residential Cooling Rebate Program can help reduce the energy bills through improvements in efficiency. The Program provides cash incentives to residential customers or contractors that install high efficiency heating and air conditioning systems in new and existing residential dwellings. Incentives vary depending on the type of system installed and the efficiency of the unit. Only AHRI qualified matched systems that meet the energy efficiency ratings in the table below are eligible

- **Energy Star Lighting**

EPE has agreements with several retail stores (see website for list of stores) to buy down the price of light emitting diode (LED) bulbs for New Mexico residential El Paso Electric Customers. A residential customer can buy LEDs at a discounted price. Please see store for details.

- **Energy Saver Program**

The New Mexico EnergySaver Program provides no-cost energy efficiency services to low-income qualified customers. The program is designed to lower monthly energy bill while making homes more comfortable. EnergyWorks, EPE's authorized contractor, will install energy saving measures in your home. Energy savings and services vary based on the type of air conditioning installed in your home.

- **Duct Efficiency**

Leaky ducts can be repaired through the EPE Duct Efficiency Program by sealing them with readily available sealants. Duct sealing is a cost-effective way to improve the efficiency of your heating and cooling equipment. Energy savings for

treated duct systems are calculated based on the reduction of air leakage. The pre- and post-installation duct leakage must be measured by a rater or contractor using a combined blower door and duct pressurization method.

- **Evaporative Cooling**

The EPESaver Evaporative Cooling Rebate Program can help a homeowner reduce their energy bills by installing a high efficiency evaporative cooling system. A rebate will only be paid for a qualifying model that meet specific requirements. See the website for more information.

- **Insulation**

The EPESaver Residential Insulation Rebate Program can help homeowners reduce energy spending and use by improving the energy efficiency of their home. The Program provides cash incentives for insulation improvements in a home's ceiling and floors. Rebates are calculated according to the level of insulation improvements that a homeowner makes.

- **Solar Screens**

EPE's New Mexico residential customers have the opportunity to participate in the EPESaver Solar Screen Rebate Program. Rebates are available for the installation of solar screens that can reduce energy consumption. Solar screens are a proven low-cost method for reducing cooling bills. They allow daylight to enter a building while blocking solar heat gains.

- **Energy Star New Homes**

El Paso Electric Company's (EPEC) High Performance Homes and ENERGY STAR® certified new homes can provide a more comfortable and energy-efficient living environment while also helping to keep monthly energy costs down. El Paso Electric is proud to sponsor the High Performance New Homes Program, which helps homebuilders to construct energy-efficient homes by providing training, guidance and financial incentives to help offset the cost of energy-efficient upgrades.

Commercial:

- **Commercial Cooling**

EPE's New Mexico commercial customers with an average demand of less than or equal to 100KW can participate in the Small Commercial Comprehensive Program. EPA's Commercial Cooling Rebate Program provides rebates for retrofit cooling system upgrades, and for the installation of energy efficient cooling systems in new construction.

- **Lighting**

EPE's New Mexico commercial customers with an average demand of less than or equal to 100KW can participate in the Small Commercial Comprehensive Program. El Paso Electric's Lighting Incentive Program helps owners and leaseholders of commercial facilities upgrade light fixtures to more energy efficient lighting technologies, which can positively impact employee performance and customer satisfaction.

- **Window Treatments**

Solar screen and solar film rebates are available to EPE's commercial customers. Commercial customers are eligible to receive a \$1.00 per square foot rebate for solar screen and solar film installation. Solar screens and solar films must be installed on the West or South facing glass. Space must be cooled by refrigerated

air conditioning (DX or Chilled Water) and heated by gas or heat pump.

- **Large Customer Option**

The Self-Direct program is available to El Paso Electric Large Customers, defined as those customers that have electricity consumption of greater than seven thousand (7000) MWhs per year. A large customer shall receive approval for a credit for and equal to the incremental expenditures that customer has made at its facilities.

- **Cool Roofs**

EPE's New Mexico commercial customers can participate in the EPESaver Commercial ENERGY STAR Cool Roof Rebate Program. ENERGY STAR Cool Roofs offer enhanced durability and reduced cooling loads. Commercial customers are eligible to receive a rebate for the installation of an ENERGY STAR Cool Roof that will be paid per square foot of installed cool roof materials.

- **HVAC Tune-Up**

EPE's High Performance HVAC Tune-Up Program can help save up to \$200 toward the cost of qualifying efficiency repairs when a High Performance HVAC Tune-Up is conducted on a company's refrigerated air conditioning (AC) system. A High Performance HVAC Tune-Up can correct many common problems that prevent with a system from operating efficiently, extending the life of the system, reducing energy costs, and improving comfort.

- **Vending Energy Misers**

Energy Miser products can reduce the electricity use of cold drink vending machines and reach-in coolers by up to 40% and save your business over \$100 in electricity costs per vending machine annually. Energy saving devices that reduce the electricity use of non-refrigerated snack machines by 80% are also available. EPE customers are eligible for installation of energy saving devices at a reduced cost.

- **Small Business Comprehensive Program**

The Small Business Comprehensive Program is designed to facilitate the incorporation of projects involving installation of energy-saving equipment or implementation of energy saving measures for which a specific prescriptive rebate is not available. For this program, EPE will accept projects for systems in new or existing facilities from customers located within EPE's New Mexico service territory. Rebates will be based on measured kW and kWh savings.

- **New Mexico Score Plus**

The SCORE Plus Program is available to El Paso Electric large commercial, school, city and county customers in New Mexico with 100+ kW demand. The Program's intent is to influence retrofit, renovation and new construction projects to higher levels of energy efficiency while educating participants, design professionals and trade allies on energy efficiency best practices for future projects.

XCEL ENERGY

Below is a list of energy efficiency and conservation programs offered by Xcel for their residential and business customers in New Mexico. (For more information, visit Xcel Energy Programs and Rebates)

Commercial:

- [Business Programs](#)

Excel offers electric business customers a suite of energy-efficiency programs. These programs (listed below) include rebates for purchasing and installing eligible energy-efficient equipment and mechanical system components. [Custom Efficiency](#) rebates are also available for energy saving equipment projects that are not covered by the prescriptive energy efficiency programs that Excel currently offers.

- Cooling Efficiency Rebate
- Large Commercial & Industrial Study
- Building Tune-up Energy Audit
- Lighting Efficiency Rebate (Retrofits and New Construction)
- Motor & Drive Efficiency Rebates
- Pump-Off Controllers Rebate
- Constant Speed Motor Controllers Rebate
- Compressed Air Rebate

- [Online Energy Assessment](#)

The online energy assessment is a free online tool that asks you about your equipment and operating conditions to uncover areas where energy and cost savings opportunities may exist. The online tool is based on industry averages and trends, regional data, and customer knowledge of the facility. This tool is a starting point for finding energy saving opportunities and requires you to invest time but no money.

- [Energy-At-Risk Financial Analysis Tool](#)

Xcel's free financial modeling tool for energy-efficient improvements. The financial modeling tool offers a wide range of metrics to identify what works best for a project and learn how much can be saved.

Residential:

- [Home Energy Services](#)

A free assessment and affordable repairs for residential energy-efficiency.

- [Saver's Switch](#)

Residents can receive savings on their electric bills in exchange for cutting back on A/C use during peak demand. The Saver's Switch is a free service. An authorized licensed electrician installs a small remote-controlled switch adjacent to your central air conditioner. Xcel Energy can activate Saver's Switch remotely. The switch cycles your air conditioner off and on generally at 15-to-20 minute intervals. However, the fan stays on, circulating already-cooled air throughout your home.

- **Power Check Device**
Power Check is an energy efficiency and education initiative provided in partnership between Xcel Energy and public libraries. Check out a Power Check meter from a local library and connect it to an appliance in a residence to learn the appliance's current, minimum, and maximum energy use.
- **Premium Evaporative Cooling**
Purchase and install a qualified Evaporative Cooling unit from Xcel's Premium System rebate list with a media saturation effectiveness of 85% or higher and receive a rebate of up to \$700.
- **Residential Lighting**
Save up to \$3 on select models of LEDs at participating [retail stores](#).
- **Time of Use Rate**
Residential customers in New Mexico can enjoy savings with Xcel's Time of Use plan by shifting heavy energy usage to off-peak hours (hours outside of the on-peak 12 p.m. - 6 p.m., Monday – Friday, from June through September). If this makes sense for you, we will provide you a special off-peak rate that can save money.

NEW MEXICO RURAL COOPERATIVES

Some cooperatives are offering a few programs on energy efficiency products and services along with online educational information.

- **Lea County Rural Electric Cooperative**
Members are eligible for a home energy audit which provides advice on energy conservation measures and improving the overall thermal integrity of your home. This service includes a visual inspection of the thermal qualities of the home including the heating, ventilation, and air conditioning (HVAC) system. Members can finance their energy efficient improvements with an Energy Resource Conservation and Weatherization loan through the cooperative.
- **Navopache Electric Cooperative**
This cooperative offers Time-of-Use Rates to members with high usage and those willing to change their lifestyle by using much of their electricity during off-peak times. Members receive a discounted rate during off-peak hours to encourage them to use their electricity then. A service charge is applied.
- **Northern Rio Arriba Electric Cooperative (NORA)**
The NORA Co-op offers Time-of-Use Rates for members willing to use much of their electricity during off-peak hours. It provides a free energy use analysis of customers' home or business and offers financing options for customers to purchase ETS heaters and energy efficient appliances.
- **Roosevelt County Electric Cooperative**
Members are able to finance energy efficiency improvements with an Energy Resource Conservation (ERC) loan through the cooperative. The loan can be used for electric or dual fuel heat pumps, geothermal heat pumps, and storm windows and doors.
- **Socorro Electric Cooperative (SEC)**

SEC offers Time-of-Use Rates for its members willing to use much of their electricity during off-peak hours. Loans are also available for weatherization. Rebates and loans are available for ETS Heaters. Testing of appliances that may be high energy users is available from the Coop.

NEW MEXICO ELECTRIC UTILITY EMERGENCY CONTACT LIST:

- **Public Service of New Mexico (PNM)** electrical outages, refer to the below listed website:

<https://www.pnm.com/outage>

Phone: report an outage or get an update

•Call (888) 342-5766

Social media: Information about **large outages** - generally those affecting 1,000 customers or more - is available from PNM's Twitter and Facebook pages:

»[PNMtalk on Twitter](#)

»[PNMelectric on Facebook](#)

- **Xcel Energy** electrical outages, refer to the below listed website: _

https://www.xcelenergy.com/outages_and_emergencies

Electric Emergency/Power Outage: 1-800-895-1999

- **El Paso Electric Company** electrical outages, refer to the below listed website:

<http://www.epelectric.com/8725712D004FAF39/BF25AB0F47BA5DD785256499006B15A4/35D1402323CF51A68725713A0082CC13?OpenDocument>

To report power outages, as well as trouble or emergencies related to electric services, customers can call:

Texas (915) 877-3400

New Mexico (575) 523-7591

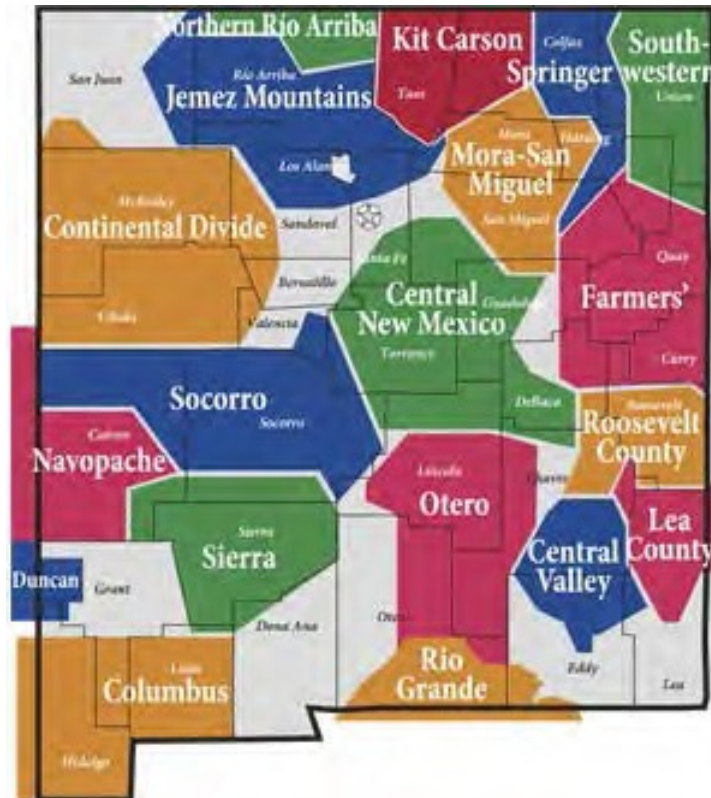
- **New Mexico's Rural Electric Cooperatives**

19 distribution cooperatives and two generation & transmission cooperatives serve New Mexico.

For more information, click a co-op's name.

- [Central New Mexico Electric](#)
- [Central Valley Electric](#)
- [Columbus Electric](#)
- [Continental Divide Electric](#)
- [Duncan Valley Electric](#)
- [Farmers' Electric](#)
- [Jemez Mountains Electric](#)
- [Kit Carson Electric](#)

- [Lea County Electric](#)
- [Mora-San Miguel Electric](#)
- [Navopache Electric](#)
- [Northern Rio Arriba Electric](#)
- [Otero County Electric](#)
- [Rio Grande Electric](#)
- [Roosevelt County Electric](#)
- [Sierra Electric](#)
- [Socorro Electric](#)
- [Southwestern Electric](#)
- [Springer Electric](#)
- [Tri-State Generation & Transmission Assn.](#)
- [Western Farmers Electric Cooperative](#)



New Mexico Department of Agriculture Forest Service Region 3

The New Mexico Department of Agriculture Forest Service manages about 1/3 of the state lands (with the Bureau of Land Management overseeing the another third of the state).



Carson - (Northern New Mexico) • 1.5 million acres • Elevations from 6,000 to 13,161 feet • 6 wilderness areas

Cibola - (Central New Mexico) • 1.6 million acres • Elevations from 5,000 to 11,000 feet • 4 wilderness areas • 3 national grasslands (North-Eastern New Mexico, West Oklahoma, and Northwest Texas)

Gila - (Southwestern New Mexico) • 3.3 million acres • Elevations to 11,000 feet • 3 wilderness areas • 6th largest forest in the continental U.S.

Lincoln - (South Central and Eastern New Mexico) • 1.1 million acres • Elevations from 4,000 to 11,500 feet • 2 wilderness areas • Birthplace of Smokey Bear

Santa Fe - (North-Central New Mexico) • 1.6 million acres • Elevations from 5,300 to 13,103 feet • 4 wilderness areas

The NM Department of Agriculture Forest Service has a Law Enforcement and Investigation Section within its organization. One of their roles is to interface with the US Federal Bureau of Investigation on terrorism issues.

VEGETATION MANAGEMENT

The threat of wildfires in the Southwest, either by nature or human hands, remains their biggest concern. As part of that concern and in regard to infrastructure interface, the Forest Service has attempted to enter into vegetation management agreements with local utilities. In order to control both tree and bush growth near electric lines, these

agreements would restrict both height and proximity of vegetation on utility right of ways. To date, only the Public Service Company of New Mexico has worked with them on this agreement. Other utilities in New Mexico have not been responsive to these requests. It is a critical issue when dealing with wildfires and their impact on utility infrastructure and potential outages.

Another issue that the Forest Service is facing is the development of a GPS/GIS database for their forests. They have worked with Qwest and Century Link in the past to begin formation of a limited communications geographic information system but it is not complete at this time. The Forest Service has access to a GIS equipped trailer from contractors for use during wildfires, but do not have one themselves.

SOURCE DOCUMENTS:

Electric Power Research Institute; Public Service Company of New Mexico; El Paso Electric; Xcel Energy; Tri-State Generation & Transmission; Southwest Area Transmission; Southwest Power Pool; Tres Amigas LLC; Japan's New Energy and Industrial Technology Development Organization; Los Alamos National Lab; Kit Carson Electric Cooperative; EnerNOC; Comverge; New Mexico Department of Agriculture

NATURAL GAS



New Mexico has been a major producer of oil and natural gas since hydrocarbons were first discovered in the state during the early 1920's. During the late 1980's and 1990's, a new source of natural gas was discovered – coal beds of the Fruitland Formation in the San Juan Basin of northwestern New Mexico. Coal bed methane has supplemented other natural gas resources in the Northwest and Southeast areas of the state since the late 1980's. Presently, approximately one-third of all natural gas produced within the state comes from coal bed methane. The New Mexico Bureau of Geology and Mineral Resources reports that in 2016, New Mexico produced 1.27 trillion cubic feet of natural gas.

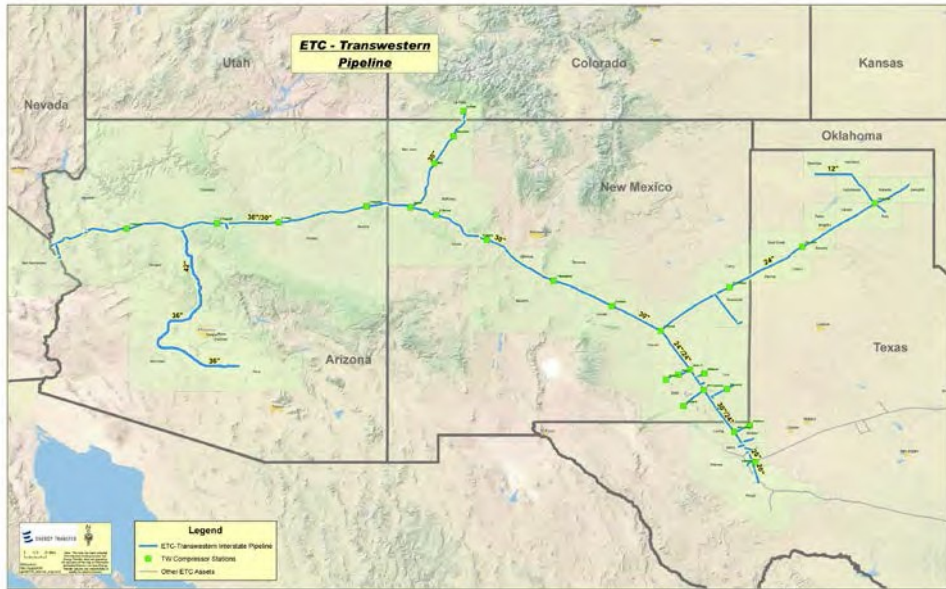
According to the American Gas Association, New Mexico has a total of 18,588 miles of pipeline in the state:

- Field and Gathering 15 miles
- Transmission 4,609 miles
- Distribution 13,964 miles

Two major natural gas transmission pipelines cross New Mexico, the Transwestern and El Paso Natural Gas Pipelines.

Transwestern Pipeline Company, LLC owns and operates a natural gas transmission system that provides access to natural gas supplies in the San Juan and Rocky Mountain Basins in northwest New Mexico, southwest Colorado, the Texas-Oklahoma Panhandle, and the Permian Basin region of West Texas and Southeastern New Mexico. Transwestern serves markets off the west end of its system in California, Arizona, Nevada, and markets off the east end of its system through deliveries in Texas, and New Mexico.

El Paso Natural Gas is a system of natural gas pipelines that brings gas from the Permian Basin in Texas and the San Juan Basin in New Mexico and Colorado to West Texas, New Mexico, Nevada, California and Arizona. It also exports some natural gas to Mexico. It is owned by El Paso Corporation. Though the El Paso Corporation is based in Houston, the El Paso pipeline is based in Colorado Springs, Colorado.



Energy Transfer Company (ETC) / El Paso Natural Gas Pipeline System

The New Mexico Energy, Minerals, and Natural Resources Department's List of
Top 50 Natural Gas Producers in New Mexico for 2017:

	Company	Gas Produced*
1	BURLINGTON RESOURCES OIL & GAS COMPANY LP	217,728,960
2	CONOCOPHILLIPS COMPANY	129,705,168
3	COG OPERATING LLC	84,706,633
4	BP AMERICA PRODUCTION COMPANY	83,430,858
5	DEVON ENERGY PRODUCTION COMPANY, LP	64,717,231
6	WPX ENERGY PRODUCTION, LLC	50,773,920
7	XTO ENERGY, INC	44,697,471
8	CHEVRON U S A INC	43,978,469
9	MEWBOURNE OIL CO	40,618,127
10	SOUTHLAND ROYALTY COMPANY LLC	38,539,990
11	APACHE CORP	38,386,014
12	EOG RESOURCES INC	37,202,933
13	CIMAREX ENERGY CO. OF COLORADO	25,374,682
14	OCCIDENTAL PERMIAN LTD	24,388,419
15	EOG Y RESOURCES, INC.	22,338,786
16	CIMAREX ENERGY CO.	21,443,054
17	ARP PRODUCTION COMPANY, LLC	21,070,259
18	COG PRODUCTION, LLC	21,014,899
19	BOPCO, L.P.	20,946,207
20	OXY USA INC	18,304,302
21	LEGACY RESERVES OPERATING, LP	17,262,721
22	ENCANA OIL & GAS (USA) INC.	16,659,828
23	ENERVEST OPERATING L.L.C.	13,338,657
24	CHEVRON MIDCONTINENT, L.P.	11,639,440
25	MATADOR PRODUCTION COMPANY	10,516,040
26	OXY USA WTP LIMITED PARTNERSHIP	9,736,752
27	DUGAN PRODUCTION CORP	9,003,141
28	LOGOS OPERATING, LLC	8,360,116
29	RKI EXPLORATION & PRODUCTION, LLC	8,123,458
30	BTA OIL PRODUCERS, LLC	7,401,691
31	VANGUARD OPERATING, LLC	7,385,555

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32	CROSS TIMBERS ENERGY, LLC	6,727,812
33	BURNETT OIL CO INC	6,000,071
34	FOUR STAR OIL & GAS CO	5,494,372
35	ENERGEN RESOURCES CORPORATION	4,459,197
36	JOHN H HENDRIX CORP	3,924,296
37	BC OPERATING, INC.	3,560,562
38	LIME ROCK RESOURCES II-A, L.P.	3,444,448
39	BLACK HILLS GAS RESOURCES, INC.	3,408,464
40	MURCHISON OIL & GAS INC	2,829,067
41	MCELVAIN ENERGY, INC	2,821,648
42	ENDURANCE RESOURCES LLC	2,543,127
43	FASKEN OIL & RANCH LTD	2,072,452
44	MACK ENERGY CORP	2,054,824
45	MERRION OIL & GAS CORP	2,003,211
46	ELM RIDGE EXPLORATION COMPANY LLC	1,929,499
47	ENDEAVOR ENERGY RESOURCES, LP	1,744,284
48	ROBERT L BAYLESS PRODUCER LLC	1,675,855
49	NEARBURG PRODUCING CO	1,642,644
50	HUNTINGTON ENERGY, LLC	1,462,504
Total		1,228,592,118

*measured in MCF

NEW MEXICO GAS COMPANY

New Mexico Gas Company is the largest natural gas distribution company in the state headquartered in Albuquerque.

New Mexico Gas Company provides natural gas service to more than 500,000 metered customers in New Mexico and maintains about 12,000 miles of natural gas pipelines across the state.

New Mexico Gas Company is wholly owned subsidiary of Emera Inc, an energy and services company. Emera Inc. is a geographically diverse energy and services company headquartered in Halifax, Nova Scotia. Emera companies and investments are working in Canada, the USA and in four Caribbean countries.

Pipeline Safety

New Mexico Gas Company works with public officials, emergency responders, excavation and construction companies, property owners and residents, and other groups along their transmission pipelines to keep people safe. Public awareness communications seek to make sure that people know where their pipelines are located and what to do in the event of an emergency, such as a gas leak, fire, or serious incident at or near any of our facilities.

New Mexico Gas Company provides education and training for federal and local emergency responders and public officials in the area to prepare them for natural gas emergencies. In the event of an emergency, emergency responders and New Mexico Gas Company personnel are trained to take immediate steps to protect lives and property, isolate the damaged pipeline and shut off the flow of gas. New Mexico Gas Company engineers and operations personnel then address the emergency, determine the cause and take appropriate corrective actions.



National Security

Any suspicious activity along a pipeline right-of-way to New Mexico Gas Company should be reported as quickly as possible by calling their emergency line at 888-NM-GAS-CO (888-664-2726). Emergency line operators are available 24 hours a day, seven days a week.

For **New Mexico Gas Company** information please refer to website below;

http://www.nmgco.com/Safety_and_Emergencies.aspx

NEW MEXICO GAS COMPANY INTERRUPTION, CURTAILMENT AND CAPACITY ALLOCATION OF SERVICE (RULE 21)

Policy to render continuous service to all of its End-Users other than those served under Rates permitting Interruptions or Curtailments of service. Delivery of gas service shall be allocated in accordance with the provisions of Rule 21.

In the event that would require an interruption or a curtailment on any of the Company's system or a segment of its system is not a System Emergency, the Company shall initially contact large End-Users to seek voluntary agreement to interrupt or curtail service. If such voluntary interruption or curtailment is not sufficient, Interruptions and Curtailments on the Company's systems shall be allocated in accordance with the following priority groups in the following order provided:

Priority 1 --- Residential and Other Human Needs End-Users, including supply to End-Users that are necessary to provide service to Human Needs End-Users.

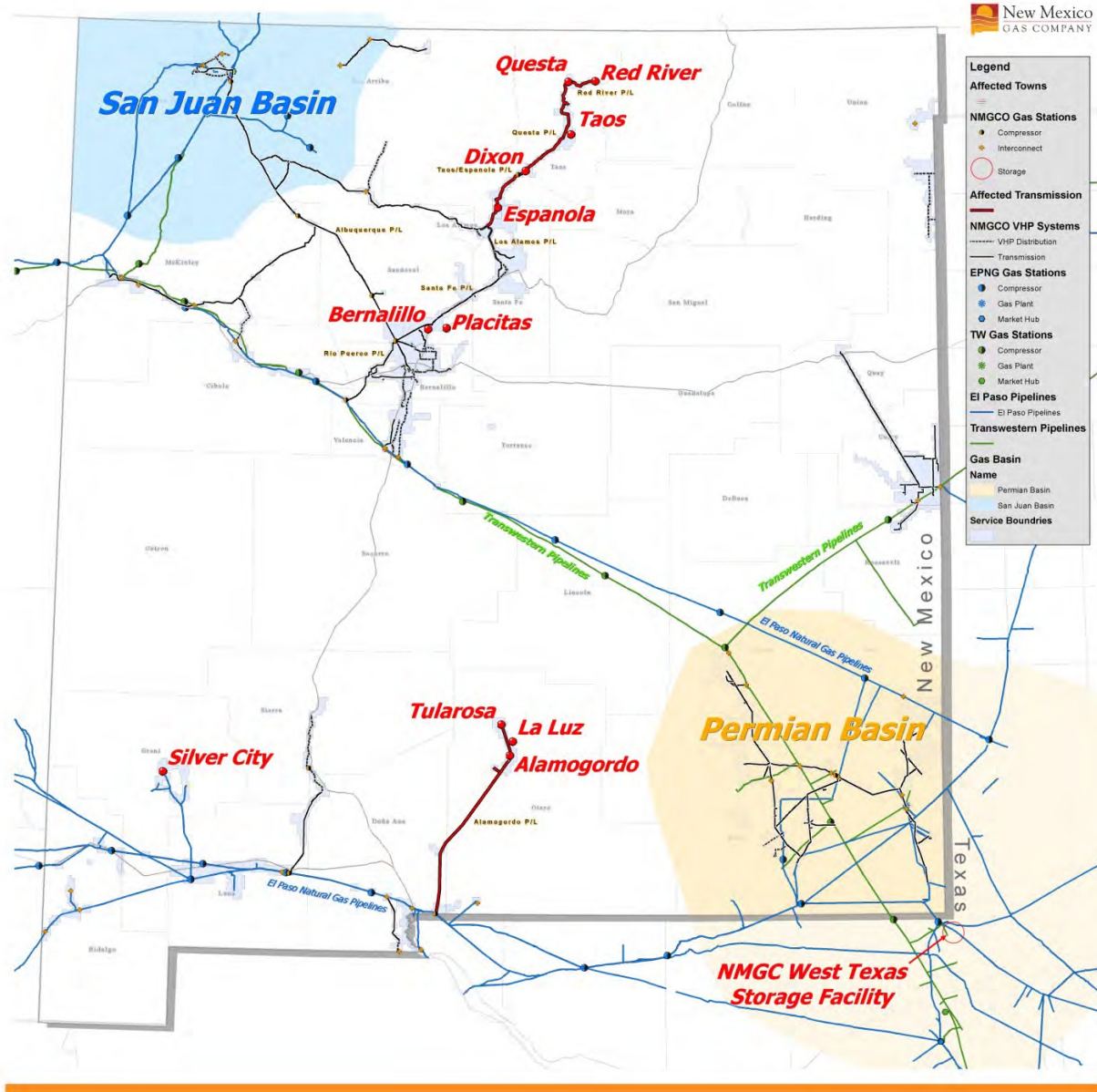
Priority 2 --- Small commercial and small industrial service.

Priority 3 --- Large commercial service except those who have alternative fuel capabilities.

Priority 4 --- Other service to End-Users not covered by any other higher Priority.

Interruptions and curtailments shall be made within each priority group served within the same service segment; as determined by the Company to best maintain the integrity of the delivery segment and to avoid a segment of system failure.

No interruption or curtailment shall be applied to any End-User at any time when any End-User in a lower (i.e., higher numbered) priority group, who is served within the same delivery segment, has not been directed by the Company to effect full interruption or curtailment of service.



NEW MEXICO GAS COMPANY SYSTEM

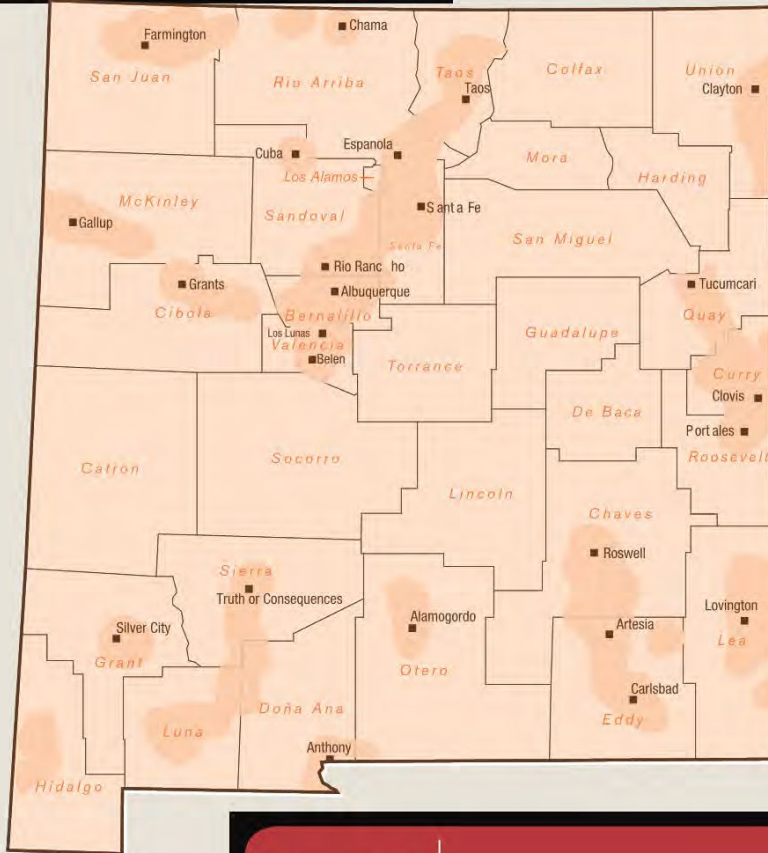
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New Mexico
GAS COMPANY

SERVICE TERRITORIES

Headquarters Albuquerque



CONTACTS

BY THE NUMBERS

Service Territory (square miles current customers) **3,900**
 Service Territory (population in service area) **1,700,000**
 Number of Employees **747**
 Fleet Number of Vehicles (Power Units) **454**

Natural Gas Volume - Sold **47,124,000 Mcf**
 Natural Gas Volume - Transported **37,350,000 Mcf**
 Gas In Storage (annual withdrawal) **3,818,450 Mcf**
 Number of Customers - Residential **434,478**
 Number of Customers - Commercial/Industrial **32,940**

Number of Transportation Customers **3,361**
 Miles of Pipeline **1,481**
 Miles of Distribution Mains **10,112**
 Number of Services

It should be noted that most natural gas compression stations have some form of back up generation, but it is not a standard design or policy. There are several choices for backup power in most cases: purchased power from the local utility, diesel generation or natural gas generation. There are also generation emission and noise restrictions at the sites that have to be considered. Renewable power (wind or solar) have technical limitations regarding storage of the generated power by some form of battery system, which in turn adds cost and maintenance issues to the site.

NATURAL GAS DEMAND-SIDE MANAGEMENT PROGRAMS:

New Mexico Gas Company (NMGC)

Residential Energy Efficiency Information

2011 Residential Energy Efficiency Rebate Programs		
Product	Program Criteria	Rebate
Instant Rebates		
Low flow Showerhead	1.5 GPM, minimum retail price \$10.00	\$7 See participating retailers
Mail-In Rebates		
ENERGY STAR® Storage Tank Water Heater	30, 40, 50 Gallon, Minimum Energy Factor = 0.67	\$100 See participating retailers
ENERGY STAR® Tankless Water Heater	Energy Factor (EF) = 0.82	\$300 See participating retailers
Insulation	Must have R-11 or less and R-19 or greater to qualify	25% of total (up to \$500)
ENERGY STAR® Furnace (High Efficiency)	A.F.U.E. = 90%	\$200
ENERGY STAR™ Homes	Qualifying Homes	\$500

Commercial Energy Efficiency Information

Commercial Energy Efficiency Rebate Programs						
High Efficiency Water Heater	Storage: New, rated <400,000 Btu with minimum Energy Efficiency 90% Tankless with electronic ignition: New, rated <200,000 Btu, minimum Energy Efficiency 80%					\$2 per MBtuh Storage \$1.50 per MBtuh Tankless
ENERGY STAR Convection Oven	Cooking Energy Efficiency of 44% and Idle Energy Rate 13,000 Btu/h					\$720
ENERGY STAR Fryer	Heavy load with minimum Cooking Energy Efficiency of 50% and Idle Energy Rate 9,000 Btu/hr or less (based on 15-inch fryer)					\$500
ENERGY STAR Dish Washer	Idle Energy Rate	Water Consumption	Idle Energy Rate	Water Consumption		\$300
	Under Counter	<= 0.90 kW	<= 1.00 gal/rac	<= 0.5 kW	<= 1.70 gal/rack	
	Stationary Single Tank Door	<= 1.0 kW	<= 0.950 gal/rack	<= 0.6 kW	<= 1.18 gal/rack	
	Single Tank Conveyor	<= 2.0 kW	<= 0.700 gal/rac	<= 1.6 kW	<= 0.790 gal/rack	
	Multiple Tank Conveyor	<= 2.6 kW	<= 0.540 gal/rack	<= 2.0 kW	<= 0.540 gal/rack	

<u>ENERGY STAR Griddle</u>	Single and double-sided units with minimum Cooking Energy Efficiency of 38% and normalized Idle Energy Rate of 2,600 Btu/h/ft ²	\$225
<u>Low Flow Pre-Rinse Valve</u>	1.6 GPM or less	\$10
<u>SCORE Pilot</u>	The Schools Conserving Resources (SCORE) SM Pilot helps schools improve energy efficiency	
<u>Commercial Solutions Program</u>	The Commercial Solutions Program was designed to help address rising energy costs through energy efficiency	

OTHER NATURAL GAS COMPANIES:

Four other natural gas utilities serve customers in New Mexico. They include Capitan-Carrizozo Natural Gas Association, Raton Natural Gas Company, City of Socorro Public Utilities, and Zia Natural Gas Company.

Capitan - Carrizozo Natural Gas Company
217 South Lincoln Avenue
Capitan, NM 88316
(575) 354-2260

Capitan-Carrizozo Natural Gas Company (CCNG) transmits and distributes natural gas to over 1000 residential customers in the central New Mexico area. CCNG is based in Capitan, New Mexico.

Raton Natural Gas Company

1360 S. 2nd St.
Raton, NM
(575) 445-3613

Raton Natural Gas serves the community of approximately 2500 customers in Raton in Colfax county.

City of Socorro Public Utilities
111 School of Mines Rd
P.O. Box K
Socorro, NM 87801
(575) 835-0240

City of Socorro Public Utilities serves approximately x customers in the Socorro area.

100 Short Drive
Ruidoso Downs, NM 88346

Zia Natural Gas Company is a natural gas distribution and transmission utility serving over 24,000 customers in the State of New Mexico.



Zia Emergency Contact Phone Numbers:

- Maxwell, Cimarron & Springer (575) 375-2277
- Capitan, Alto, Ruidoso & Ruidoso Downs (575) 378-4277
- Carrizozo (575) 648-4462
- Hobbs (575) 392-4277
- Jal (575) 395-2080

For **TransWestern Pipeline Company** information, please refer to website below:

https://twtransfer.energytransfer.com/index.jsp?companyName=tw&pg=notices_CR

SOURCE DOCUMENTS:

Gas Technology Institute; El Paso Natural Gas; Transwestern Pipeline; NM Bureau of Geology and Mineral Resources NM Public Regulatory Commission; New Mexico Gas Company; Raton Gas Company; Zia Natural Gas; Capitan - Carrizozo Natural Gas Company

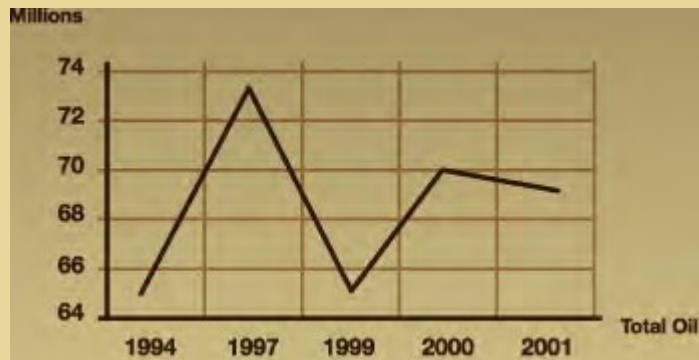
PETROLEUM

Oil & Gas Production

New Mexico ranks 4th in oil reserves and 2nd in gas reserves in the United States. (Reserves are the amount of oil and gas in the ground waiting to be produced).

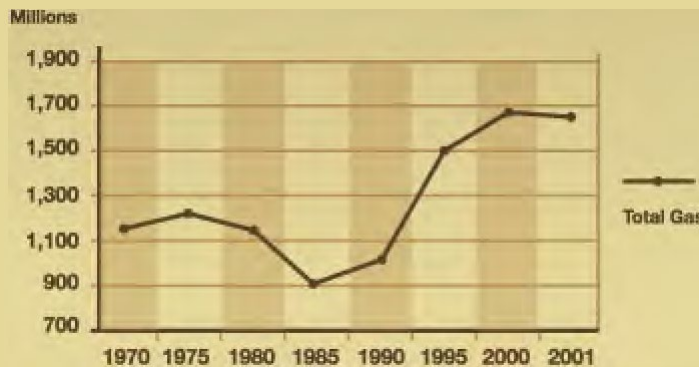
New Mexico ranks 6th in oil production and 9th in gas production in the United States.

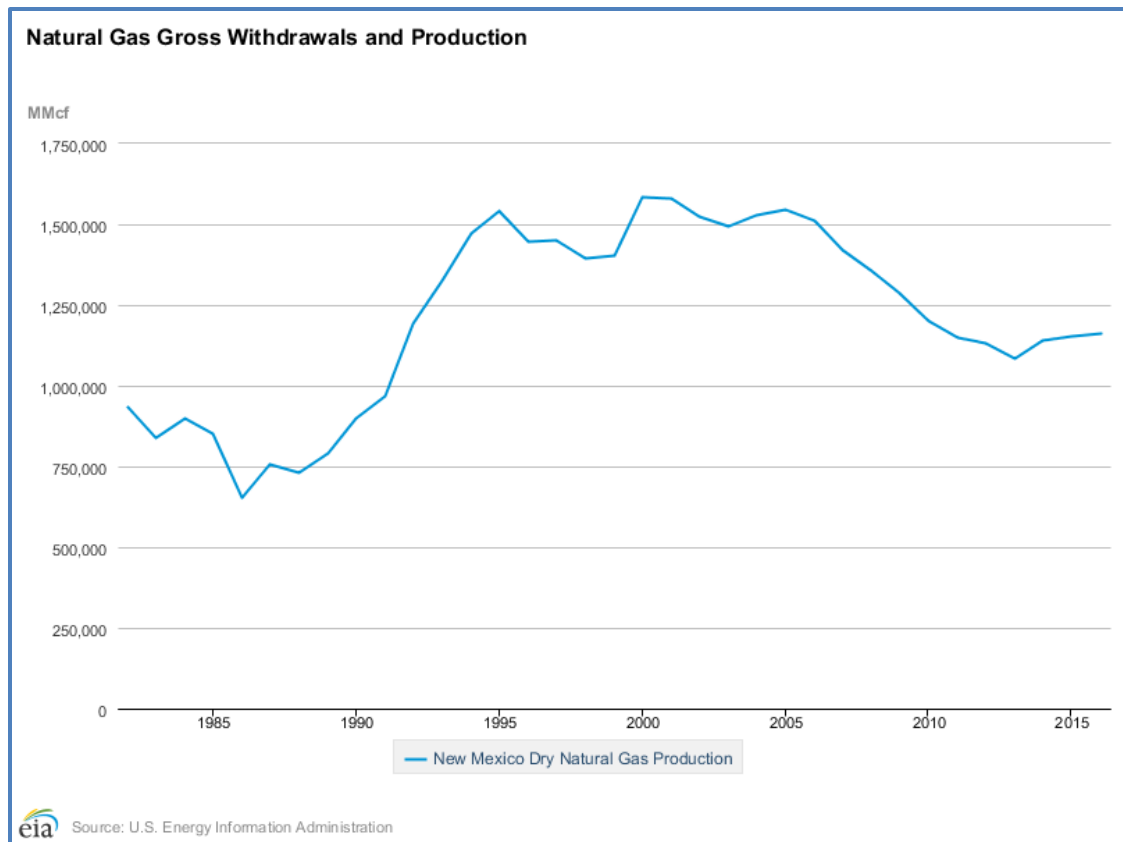
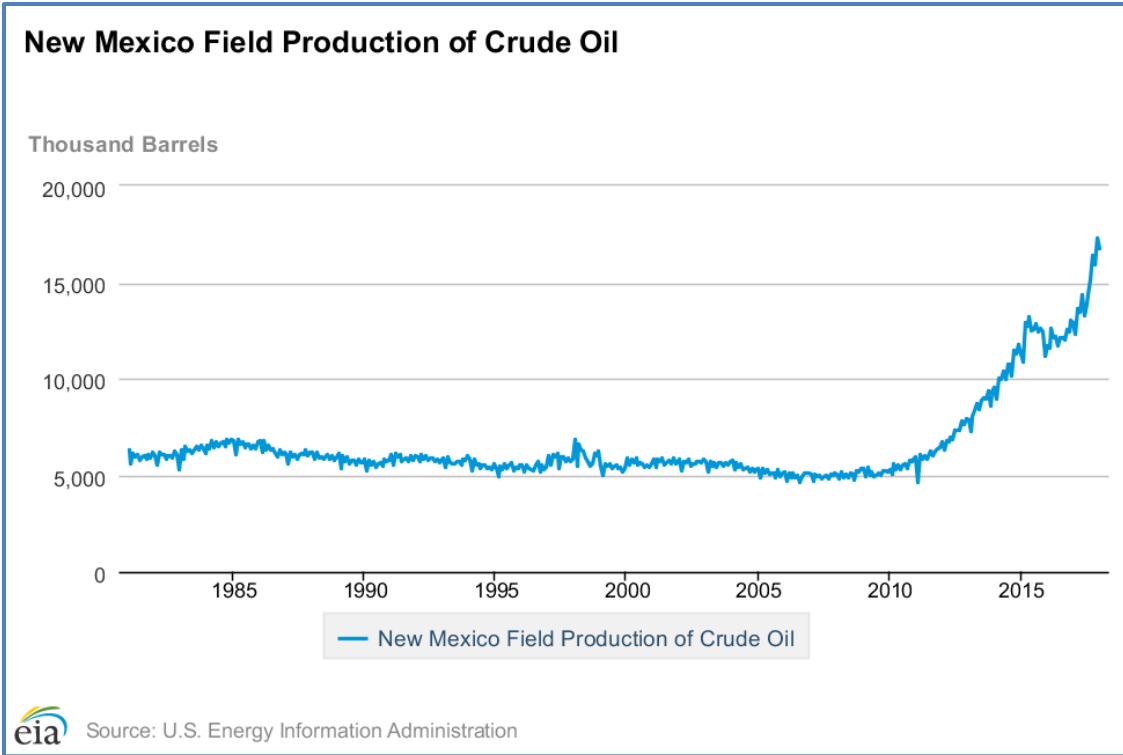
New Mexico Oil Production Totals (in



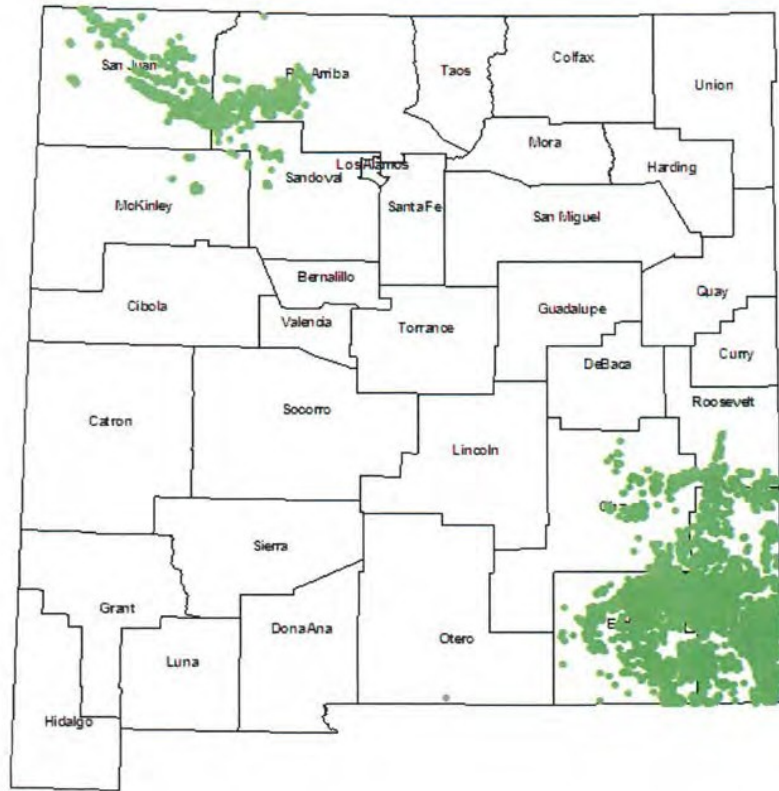
New Mexico Gas Production (in Cubit Ft.)

The chart below indicates the amount of natural gas produced in New Mexico over the last 3 decades.





Active Oil Wells in New Mexico



Concentration of Oil Wells in New Mexico



The New Mexico Energy, Minerals, and Natural Resources
Department's List of Top 50 Oil Producers in New Mexico for 2017

	Company	Oil Produced*
1	COG OPERATING LLC	22,964,499
2	DEVON ENERGY PRODUCTION COMPANY, LP	16,677,259
3	EOG RESOURCES INC	10,681,940
4	APACHE CORP	9,092,888
5	MEWBOURNE OIL CO	8,874,031
6	CHEVRON U S A INC	7,442,292
7	OXY USA INC	5,947,607
8	BOPCO, L.P.	4,599,576
9	COG PRODUCTION, LLC	4,239,440
10	OCCIDENTAL PERMIAN LTD	3,995,745
11	CONOCOPHILLIPS COMPANY	3,976,338
12	CIMAREX ENERGY CO.	3,975,326
13	EOG Y RESOURCES, INC.	3,702,659
14	CIMAREX ENERGY CO. OF COLORADO	3,669,717
15	WPX ENERGY PRODUCTION, LLC	3,385,525
16	MATADOR PRODUCTION COMPANY	2,786,782
17	XTO ENERGY, INC	2,625,964
18	LEGACY RESERVES OPERATING, LP	2,333,672
19	RKI EXPLORATION & PRODUCTION, LLC	1,847,420
20	ENCANA OIL & GAS (USA) INC.	1,642,685
21	BTA OIL PRODUCERS, LLC	1,505,694
22	BURNETT OIL CO INC	1,437,775
23	OXY USA WTP LIMITED PARTNERSHIP	1,130,713
24	VANGUARD OPERATING, LLC	1,091,779
25	ENDURANCE RESOURCES LLC	1,063,980
26	MURCHISON OIL & GAS INC	906,638
27	LIME ROCK RESOURCES II-A, L.P.	812,729
28	FASKEN OIL & RANCH LTD	752,940
29	MACK ENERGY CORP	638,852
30	BC OPERATING, INC.	623,088
31	NEARBURG PRODUCING CO	541,005

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32	LINN OPERATING, LLC.	536,644
33	CROSS TIMBERS ENERGY, LLC	508,827
34	BURLINGTON RESOURCES OIL & GAS COMPANY LP	503,417
35	GMT EXPLORATION COMPANY LLC	477,095
36	CHEVRON MIDCONTINENT, L.P.	425,337
37	SM ENERGY COMPANY	414,391
38	ENERGEN RESOURCES CORPORATION	404,974
39	REGENERATION ENERGY, CORPORATION	350,662
40	BREITBURN OPERATING LP	309,436
41	CAZA OPERATING, LLC	282,781
42	RESOLUTE NATURAL RESOURCES CO., LLC	267,917
43	CHI OPERATING INC	241,895
44	READ & STEVENS INC	228,477
45	STEPHENS & JOHNSON OP CO	222,955
46	STRATA PRODUCTION CO	219,367
47	MANZANO LLC	183,135
48	JOHN H HENDRIX CORP	178,530
49	AMTEX ENERGY INC	161,997
50	LOGOS OPERATING, LLC	159,108
Total		141,043,503

*measured in BBLs

UST Public Record Leaks, Spills and Incident Reporting

Report releases to (505) 476-4387 during working hours. Please prepare an Initial Incident Report Form before calling.

Sending Initial Incident Report via email.

For emergencies during evenings and weekends, call the NM Environment Department emergency number (505) 827-9329.

There is no formal petroleum curtailment plan in place at the state or local level in New Mexico. Each event is dealt with in a manner that keys on the primary user and their fueling resources and capabilities. Both the State of New Mexico and the City of Albuquerque rely on local emergency response procedures in an outage event. An example of a supply curtailment event experienced by the City of Albuquerque this February follows.

CITY OF ALBUQUERQUE FUEL OUTAGE RESPONSE (FEBRUARY 2011):

The City's Transit Department was contacted by the NM Gas Company in order to coordinate the filling of portable natural gas storage tanks (3600 psi) February 1st at their transit bus facilities on Yale SE. The NM Gas Company wanted to use the compressed natural gas tanks to boost and stabilize the pressure in natural gas pipelines serving their customer base. It is not known exactly where in the NM Gas Company system that the tanks were used.

The City was contacted by fuel suppliers in Texas that there would be limited fuel service to the City due to the crisis. There was some limited supply issues with the City and other users. The size and role of the City fleet kept it at a high priority in the delivery of fuel, but it is unknown what "priority level" for service the City has with their fuel providers.

During the coldest mornings of the event, City employees had to physically start their diesel vehicles and let them run so that there were no fuel freezing issues. One problem encountered was a 5 minute idle governor that was installed on Solid Waste trucks. The trucks would automatically shut off after 5 minutes of idling and had to be restarted continually.

The City of Albuquerque does not have a formal fuel disruption policy if an event took place that interrupted gasoline and/or diesel service. Their "informal" policy is to fill all of their fuel storage tanks to 90% and not let them drop below 80% fill. Other measures include:

1. Fill all vehicle tanks in the fleet.
2. Use outside fueling stations as much as possible during the event (requires card charge system to be in place for all vehicles such as Wright Express).

These efforts are estimated to give the City 2 to 3 weeks of operation if a severe fuel disruption occurs. There is no internal priority of fleet vehicles that would receive fuel during an event.

The City's Office of Emergency Management) has been contacted regarding the lack of a City plan regarding future fuel disruption events and procedures to respond to it.

STATE ENERGY EMERGENCY --- SUMMARY OF RESPONSE ACTIONS

In 2008, the State of New Mexico developed an "Energy Emergency Implementation Manual". The purpose of the manual was to describe the procedure in the event of a serious fuel shortage in the state or a community. The New Mexico Energy, Minerals and Natural Resources Department (EMNRD) will recommend a course of action to the governor. The recommendations will be based on several factors, including:

- The extent and duration of the event.
- Actions taken by other states.
- Information from DOE, NASEO, and other sources.
- Estimated compliance times.
- Needs and recommendations of local governments and other end users.
- Effects of emergency measures.
- Start-up time, funding and staff requirements along with administrative impediments.

Examples of measures used in this process are:

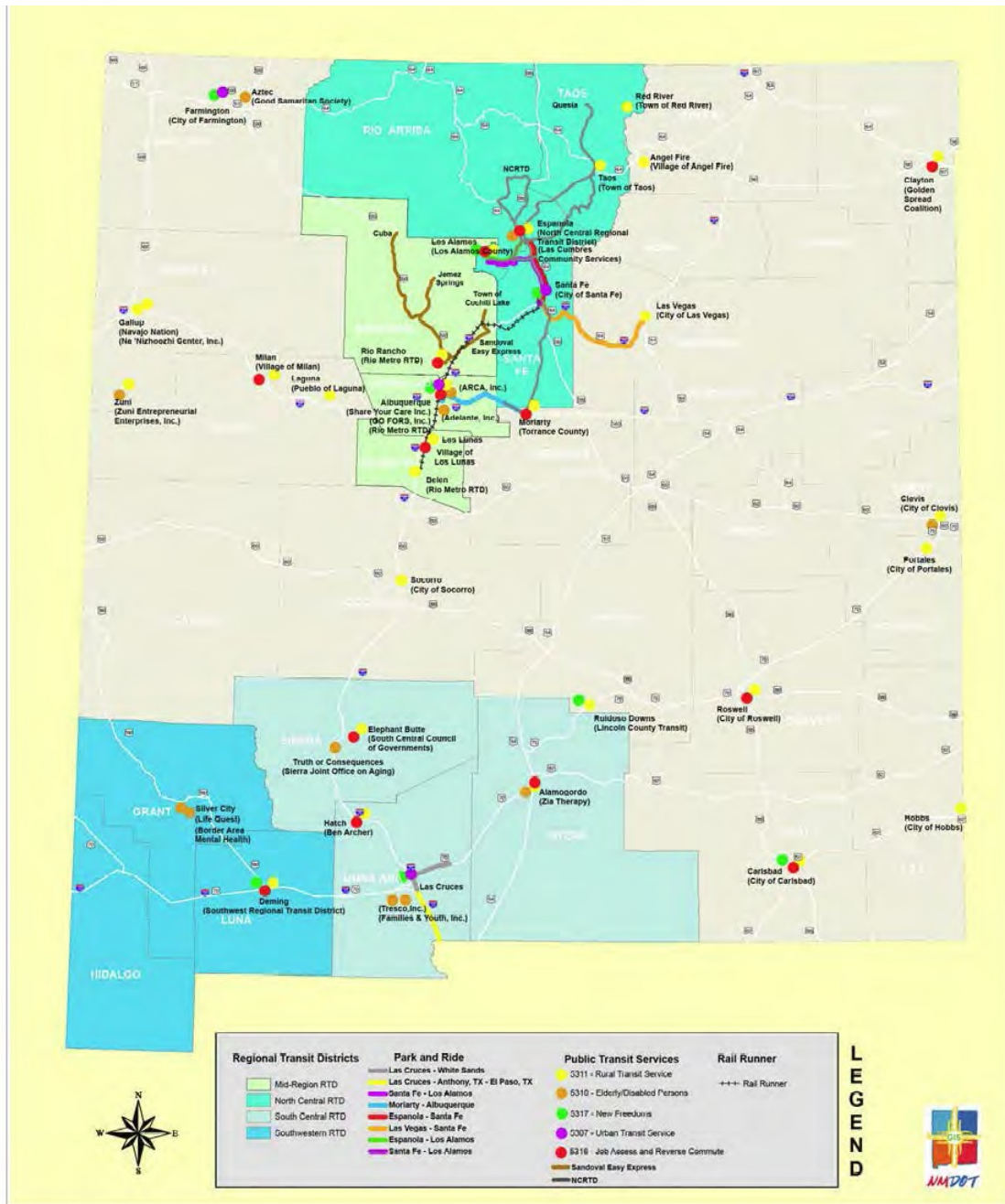
- Media events such as radio and television spots promoting conservation.
- Dissemination of literature on ways and ideas to save motor fuel.
- Hold workshops and community panel discussions advocating conservation.

Energy supply alerts will be used to respond to moderate shortages (which are not defined in the manual). The Governor will issue executive orders for the implementation of reduction measures directed at State agencies and/or political subdivisions.

Examples of measures used by State and local governments during an energy supply alert are:

- Institution of programs for regular engine and tire inspections, tire pressure adjustment, and engine repair.
- Develop and implement ridesharing and preferred parking programs.

Potential ride sharing and mass transit programs could be implemented in those existing communities in New Mexico that presently have some form of transit system in place. The following maps identify those communities around the State of New Mexico.



Public Transportation Systems in New Mexico

An Energy Emergency Response would be implemented to mitigate the effects of the most severe supply shortages. Orders may be issued to both the public and the private sectors.

Examples of measures used in an Energy Emergency Response are:

- Mandatory reduction measures, such as speed limit reduction, odd-even motor fuel purchase days, minimum and maximum fuel purchase limits, non-driving days, and stop light / stop sign redefinition.

- Fuel set aside, which reserves a percentage of available motor fuels for use by the following classes of end users or retail outlets during an energy emergency:
 - Bulk Users --- Agricultural producers and distributors of perishable goods, the State Highway Department, mass transit transportation.
 - Retail Outlets --- Motor fuel stations in areas of the state suffering a fuel imbalance.
 - Priority End Users --- Emergency medical services, police or fire service vehicles, energy suppliers, sanitation services, snow removal, telephone companies.
 - Tourist Market --- Up to 30 percent of the 3 percent set aside may be allocated for tourist travel, to help the state recover economically from the period of fuel shortage.

It should be noted that the State Department of Transportation does not have a fuel shortage policy or procedure in place at this time although it recognizes that it probably should have a policy in place in the case of such an event.

The Rio Metro Regional Transit District Board (RMRTD), headquartered in Albuquerque and serving three counties, has no fuel supply disruption plan in place. A diesel petroleum reserve is kept at the Burlington Northern Santa Fe (BNSF) facilities in Belen. Rail Runner no longer uses biodiesel due to its additional cost and does not include it in any fuel strategy scenarios.

RMRTD and Rail Runner's biggest operational concerns are fire and visibility restrictions in case of a catastrophe. The Romero Fire (<400 acres) that burned in the Bosque during June 2012, emphasized the issue as they had to shut down Rail Runner service between Santa Fe and Albuquerque due to sight restrictions along the tracks. It is interesting to note that the NM State Police reported the fire to Rail Runner that in turn created the shutdown of service. The NM State Police initially reported the fire to Rail Runner and MRCOG due to the fact that the fire was near a natural gas transmission pipeline. MRCOG had no idea that their tracks were at risk due to the proximity of the fire to their tracks or the visibility issue created by the fire.

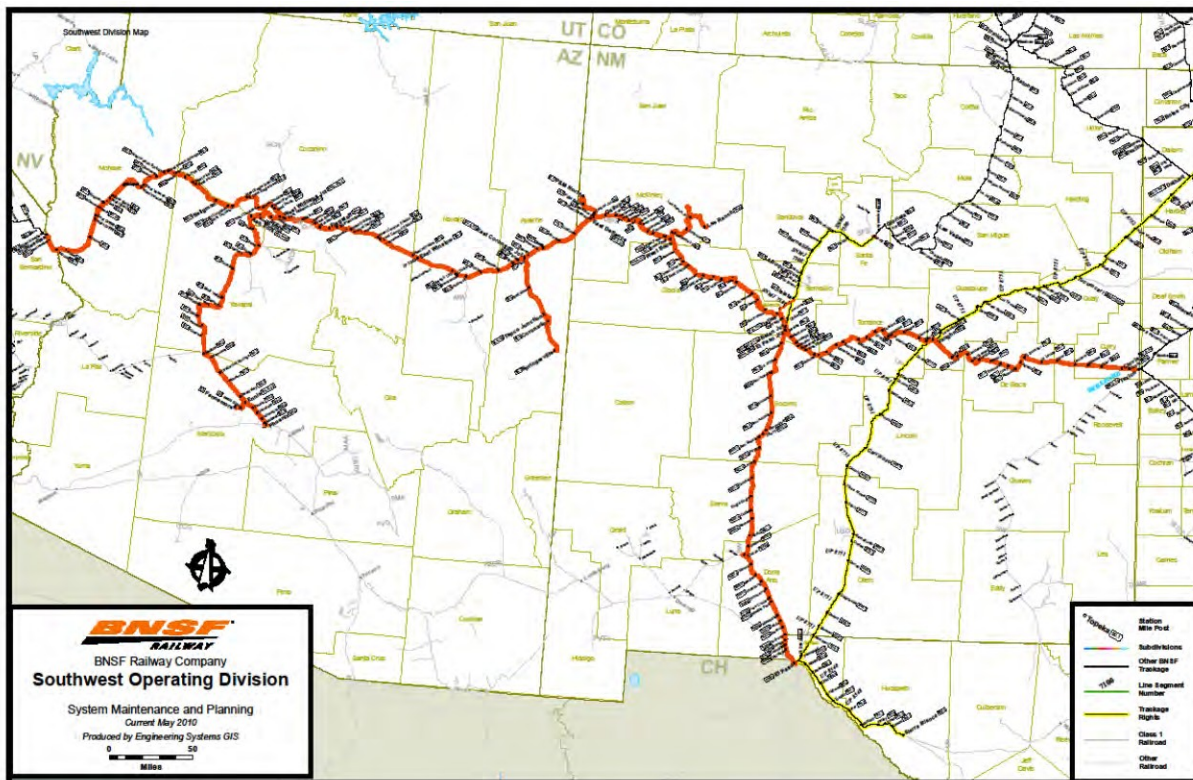
MRCOG does not have a BNSF database of infrastructure near their tracks although their purchase agreement with BNSF listed a database in the operational data. The infrastructure was also supposed to include GPS location data on the tracks and surrounding infrastructure. The NM Department of Transportation may have the database and will be contacted to determine if the information together with right of way data exists.

One area of additional work was identified during the disruption in service in the coordination of transportation of riders once service is canceled. During the Bosque Fire, school and transit buses were used to offload riders and transport them to their destinations. A formal back-up alternative transportation plan needs further development and is in development.

Communication along the tracks between the Operations Center and operational trains is maintained through the use of multiple systems; signals along the tracks (Positive Train Control which cost MRCOG \$15-20M for the Albuquerque area), radio, cell phones and Wi-Fi. Rail Runner feels that their communication system is more than adequate during normal operation and during service disruption events.

RAILROADS

The Burlington Northern and Santa Fe (BNSF) Railway is a wholly owned subsidiary of Berkshire Hathaway Inc. headquartered in Fort Worth, Texas. It is one of seven North American Class I railroads and the second-largest freight railroad network in North America, second only to the Union Pacific Railroad, its primary competitor for Western U.S. freight. According to corporate press releases, the BNSF Railway is among the top transporters of intermodal freight in North America. It also hauls enough coal to generate roughly ten percent of the electricity produced in the United States. The company's three transcontinental routes provide high-speed links between the western and eastern United States. Petroleum is also distributed via railways into some communities.



NATIONAL ASSOCIATION OF STATE ENERGY OFFICIALS (NASEO)

NASEO developed an emergency planning document, “Guidance for State on Petroleum Shortage Response Planning” for states to use in the development of their energy assurance plans. The guide also summarizes key findings and services as a companion document to NASEO’s suite of energy assurance technical assistance offering, energy emergency exercises, and coordination workshops.

NASEO recommends that when states are beginning to develop or updating a state petroleum response plan, a state should include information that describes the status of the petroleum infrastructure in the state; agency structure and communication networks in place among state, federal, local, and private sector entities; and a risk assessment of current threats, hazards, and vulnerabilities to the energy systems. Having this background information helps inform the use of policies and programs that are tailored to each state’s needs. If these petroleum plans are part of an overall integrated energy assurance plan this information would be grouped with similar content that addresses these same topics for electricity and natural gas. Key pieces of information a state should consider including in the response plan are:

1. Data and Linkages to Other Plans

- The plan should include a table listing of the date the plan was originally created and all subsequent reviews and updates, and the schedule for future reviews and updates. This page should also list any other state planning documents that support the plan including a brief description of each document, its purpose, and a hypertext link to the document. Coordination with the federal government, other state governments, local governments and the petroleum industries should be detailed in the communications and information sharing sections of the plan.

2. Organizational Changes

- The state should update any organizational changes that might have affected the roles and responsibilities of state agencies as described in the existing energy assurance plan since its last issue.

3. Historical Petroleum Shortages and Local, State, and Federal Responses

- The plan should document and provide historical context for any petroleum shortages, including events and factors that caused the shortages, as well as impacts of the shortages on the price, supply, or availability of petroleum products and liquid fuels, as well as past state and local responses and their effectiveness. A state should also address its response to more limited shortage events.

4. State Agencies’ Roles and Responsibilities and Concept of Operations Plans

- The state should clearly describe the roles of each agency that is responsible for responding to a petroleum shortage. It should include a description of any broad or specific authorities to deal with petroleum shortages. It should also include an organizational chart that shows the relationships between state agencies and the lines of authorities and address the delegation of authorities by the state under the National Incident Management System and the delegation of responsibilities.

5. Coordination and Information Sharing Mechanisms

- A state should develop roles for various state agencies involved in communicating and sharing data and information relevant to responding to petroleum shortages. This could include organizational structures that include individuals from various agencies, procedures for the use of incident management software systems, and emergency contact lists. A graphic such as a flowchart or diagram to illustrate the flow and type of information needed among state agencies, the private sector, the federal government and other States may be useful.

6. State Petroleum Infrastructure and Supply Chains

- A state should describe the petroleum supply chain and critical infrastructure in its plan. Key information that is needed should include:

a summary of petroleum products imported/exported from the state; a description and illustration of the supply chain; a regional map of petroleum infrastructure; a list of petroleum suppliers, refineries, and petroleum terminals that supply the state; a map showing all petroleum product pipelines in the state and region; other demographic information (e.g. the type of heating fuels used in homes, vehicle registration, etc.), and petroleum product prices (both current and historical).

7. Data and Methods for Monitoring Petroleum Supply, Demand, and Prices

- States should include data on petroleum supply, demand, and prices wherever possible in the plan. Good sources to consider for acquiring this information include the Energy Information Administration (EIA), the state public utility commission, state oil and gas divisions, third-parties serving the oil and gas industry, industry trade press releases, and customized news alerts.

8. State Petroleum Risk Assessments (Vulnerabilities, Consequences, Threats)

- The plan should include a risk assessment of the state's petroleum infrastructure and supply channels. The risk assessment should highlight threats and vulnerabilities to the current infrastructure and supply system, and identify areas where advance planning and actions can mitigate those hazards and develop a more resilient system.

ALTERNATIVE FUELS

ALTERNATIVE FUELS

The petroleum curtailment plan does not incorporate any alternative fuels in its strategy to supplement the loss of conventional gasoline and/or diesel transportation fuels. While there is limited alternative fuel production within the state, it is available in some communities. The expanded use of ethanol, biodiesel and biofuels in select transportation fleets could serve as an alternative fuel source to a community. In fact, during the recent state natural gas outage in February 2011, compressed natural gas from a private transit bus system was used to supplement and restore natural gas pressure in the community. A non-traditional alternative fuel source was used to supplement a traditional energy system.

Hurricane Sandy and its impact on existing petroleum fueling infrastructure was reviewed by representatives from New York, New Jersey and Connecticut. It was noted that in Atlantic City, one hundred and ninety compressed natural gas (CNG) buses were put into service to serve the island community when diesel fuel service was lost. The concept of community fuel diversity has been raised to a higher level there than in the past due to the storm. Several communities are researching the use of alternative fuels in their fleets so that they are not entirely dependent on gasoline and diesel fueling stations in future events. A point was made that these alternative fuel stations may need to have either natural gas or another fuel backup generation capability in order to pump the fuel during electrical outages. Propane delivery trucks were also helpful to the communities after the storm in delivering supplies to areas.

In Connecticut, compressed natural gas stations are backed up with diesel powered generation sets. AT&T's fleet of sixty CNG service trucks remained in service when other gasoline and diesel fleets could not be fueled in the area. In Long Island, fifty-four CNG refuse trucks were used to help clear the streets and communities impacted by the hurricane. They were used 24/7 for weeks after the storm.

It was noted that the best option for many of these fleets in dealing with storms and energy outages may be bi-fueled vehicles. This would give fleets more fueling options during outages and possibly increase their service range. A list of alternative fueled vehicles may be of use in energy assurance plans for some communities.

Emergency planning in Phoenix now includes a list of alternative fueled vehicles in the area that could be used to support various operations during future events. This list includes, CNG, LNG and propane fueled transit, refuse vehicles and school buses in the communities. It is estimated that the area has a 200,000 gallon production capacity of alternative fuels. Unfortunately, that level of production would only satisfy 2% of the communities' fueling needs daily. The use of aviation fuel found at airports was also suggested as a possible supplement to diesel fuel if that supply stream is lost.

DOE's Clean City Program has recently contracted with the National Association of State Energy Offices (NASEO) to encourage the use of alternative fuels in their state

energy plans. Future discussions between Clean Cities and NASEO will focus on increasing the role of alternative fuels in energy assurance scenarios.

Biodiesel

Biodiesel is a form of diesel fuel manufactured from vegetable oils, animal fats, or recycled restaurant greases. It is safe, biodegradable, and produces less air pollutants than petroleum-based diesel.



Biodiesel can be used in its pure form (B100) or blended with petroleum diesel. Common blends include B2 (2% biodiesel), B5, and B20. B2 and B5 can be used safely in most diesel engines. However, most vehicle manufacturers do not recommend using blends greater than B5, and engine damage caused by higher blends is not covered by some manufacturer warranties.

Biodiesel Compared to Petroleum Diesel

Advantages

- Domestically produced from non-petroleum, renewable resources
- Can be used in most diesel engines, especially newer ones
- Less air pollutants (other than nitrogen oxides) and greenhouse gases
- Biodegradable
- Non-toxic
- Safer to handle

Disadvantages

- Use of blends above B5 not yet warranted by auto makers
- Lower fuel economy and power (10% lower for B100, 2% for B20)
- Currently more expensive
- More nitrogen oxide emissions
- B100 generally not suitable for use in low temperatures
- Concerns about B100's impact on engine durability

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New Mexico does not currently have any biodiesel refineries or blending facilities within the state. The closest biodiesel facility is Rio Valley Biofuels, which is located in El Paso, TX.

NATURAL GAS



Natural gas, a fossil fuel comprised mostly of methane, is one of the cleanest burning alternative fuels. It can be used in the form of compressed natural gas (CNG) or liquefied natural gas (LNG) to fuel cars and trucks.

Dedicated natural gas vehicles are designed to run on natural gas only, while *dual-fuel* or *bi-fuel* vehicles can also run on gasoline or diesel. Dual-fuel vehicles allow users to take advantage of the wide-spread availability of gasoline or diesel but use a cleaner, more economical alternative when natural gas is available. Since natural gas is stored in high-pressure fuel tanks, dual-fuel vehicles require two separate fueling systems, which take up passenger/cargo space.

Natural gas vehicles are not produced commercially in large numbers. However, conventional gasoline and diesel vehicles can be retrofitted for CNG.

Advantages and Disadvantages of Natural Gas

Advantages

- Nearly 87% of U.S. natural gas used is domestically produced
- 60-90% less smog-producing pollutants
- 30-40% less greenhouse gas emissions
- Less expensive than gasoline

Disadvantages

- Limited vehicle availability
- Less readily available than gasoline & diesel
- Fewer miles on a tank of fuel

ETHANOL



Ethanol is an alcohol-based fuel made by fermenting and distilling starch crops, such as corn. It can also be made from "cellulosic biomass" such as trees and grasses. The use of ethanol can reduce our dependence upon foreign oil and reduce greenhouse gas emissions.

E10 (gasohol)

E10 (also called "gasohol") is a blend of 10% ethanol and 90% gasoline sold in many parts of the country. All auto manufacturers approve the use of blends of 10% ethanol or less in their gasoline vehicles. However, vehicles will typically go 3–4% fewer miles per gallon on E10 than on straight gasoline.

E85

E85, a blend of 85% ethanol and 15% gasoline, can be used in flexible fuel vehicles (FFVs), which are specially designed to run on gasoline, E85, or any mixture of the two. FFVs are offered by several vehicle manufacturers. To determine if your vehicle can use E85, consult your owner's manual or check the inside of your car's fuel filler door for an identification sticker.

Cost varies regionally. It is cheaper than gasoline in some areas, such as the Midwest, and more expensive in others.

Availability. More than two thousand filling stations in the U.S. sell E85, and that number is increasing rapidly. Visit DOE's Clean Cities Alternative Fueling Station Locator website for locations of service stations selling E85.

Performance. No noticeable difference in vehicle performance when E85 is used.

MPG. FFVs operating on E85 usually experience a 25–30% drop in miles per gallon due to ethanol's lower energy content.

Advantages & Disadvantages of E85

Advantages

- Domestically produced, reducing use of imported petroleum
- Lower emissions of air pollutants
- More resistant to engine knock

Disadvantages

- Can only be used in flex-fuel vehicles
- Lower energy content, resulting in fewer miles per gallon
- Limited availability

- Added vehicle cost is very small
- Currently expensive to produce

2011 NM Petroleum Suppliers/Transport

NAME	City	State	Zip	Phone
A Plus Well Service	Farmington	NM	87499	5053252627
Andres Juarez	Jal	NM	88252	5053950460
Angel Peak Trucking Co	Bloomfield	NM	87413	5056340460
B&A Trucking	Farmington	NM	87401	5053264524
B&B Vac	Regina	NM	87046	5052894048
B & E INC	HOBBS	NM	88240	0
B&M Service Co. Inc.	Hobbs	NM	88240	5053939171
BABER WELL SERVICING CO	HOBBS	NM	88241	5053925516
BARBER OIL INC	CARLSBAD	NM	88220	0
BASIN DISPOSAL INC	AZTEC	NM	87410	0
BC & D OPERATING INC.	HOBBS	NM	88241	5053922887
Benjamine S Monsalve	Eunice	NM	88231	5053942727
BENSON-MONTIN-GREER DRILLING CORP	FARMINGTON	NM	87402	5053258874
C&R Oilfield Services, L.L.C.	Carlsbad	NM	88220	5058872527
CFM Trucking inc.	Farmington	NM	87401	5053275448
CHAPARRAL SERVICES INC	EUNICE	NM	88231	5053942545
Cimarron Services	Hobbs	NM	88240	5053923571
COLLIER ENERGY INC	ARTESIA	NM	88210	0
CONOCO INC	HOBBS	NM	88240	0
CONTROLLED RECOVERY INC	HOBBS	NM	88241	5058850388
CORINNE GRACE	CARLSBAD	NM	88220	0
Cuatro Transportation Inc.	Jal	NM	88252	5053953504
D&S Trucking	Farmington	NM	87401	5053277007
DAWN TRUCKING CO	FARMINGTON	NM	87499	5053276314
DDH MRK, Inc.	Farmington	NM	87499	5053257770
Desert Sol Transport, LLC	Las Cruces	NM	88001	5055237397
Double Dog Water	Bloomfield	NM	87413	5056325983
DUGAN PRODUCTION CORP	FARMINGTON	NM	87499	5053251821
EL PASO NATURAL GAS CO	FARMINGTON	NM	87401	0
Energy Resources Trucking LLC	Bloomfield	NM	87413	5053205713
EL PASO NATURAL GAS CO	FARMINGTON	NM	87401	0
Four Corners Welding	Farmington	NM	87499	5053252512
GANDY CORPORATION	LOVINGTON	NM	88260	0
GRACE BOND	FARMINGTON	NM	87401	5053268792
GILBERTS LEASE SERVICE	LOVINGTON	NM	88260	5053962114
GOLD STAR SERVICE CO	EUNICE	NM		5053942504
HRC INC	HOBBS	NM	88241	5053933194
Heather Marie Smith	Bloomfield	NM	87413	5056340855
Hi Ridge Trucking Company	Flora Vista	NM	87415	5053345800

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HUGHES SERVICES INC	LOCO HILLS	NM		5056773113
I & W INC	LOCO HILLS	NM	88255	0
Industrial Mechanical, Inc.	Farmington	NM	87499	5053255005
J B ADAMSON	FOR P & A WELLS	NM	99999	0
AMERICAN PRODUCTION SERVICES	HOBBS	NM	88240	5053938830
KELLY MACLASKEY OILFIELD SERVICES INC	HOBBS	NM	88241	0
Kenemore Welding & Oilfield Services Inc.	Maljamar	NM	88264	5056762332
KENNA WATER SALES	KENNA	NM	88122	5052746432
KENNETH TANK SERVICE	CROSSROADS	NM	88114	0
Kerby Brothers Inc.	Lovington	NM	88260	5053964170
Knox Services, Inc.	Hobbs	NM	88240	5053971227
KOCH EXPLORATION CO.	AZTEC	NM	87410	0
L.A.D. Tankers, Inc.	Aztec	NM	87410	5053343508
LOBO TRUCKING LTD	HOBBS	NM	88240	5053911331
M and S Service	Lovington	NM	88260	5053926785
M & R TRUCKING INC	FARMINGTON	NM	87499	5053345541
MACK ENERGY CORPORATION	ARTESIA	NM	88211	5757481288
Marks Engine, Inc.	Lovington	NM	88260	5053965326
McAdam Trucking Co.	Farmington	NM	87401	5053303804
MCCASLAND SERVICES INC	EUNICE	NM	88231	0
MCDANIEL TRUCKING	ARTESIA	NM	88210	5057483901
McNabb Services, Inc.	Hobbs	NM	88241	5053918282
MERRYMAN CONSTRUCTION CO	JAL	NM	88252	5053953110
N&M Production & Operation Inc.	Counselor	NM	87018	5055684416
Navajo Oilfield Service	Farmington	NM	87401	5053258960
Nestor Baeza and Daniel Baeza	Jal	NM	88252	5053952480
Noble Trucking, Inc.	Farmington	NM	87401	5053261981
OK HOT OIL SERVICE INC	ARTESIA	NM	88210	5057462761
Overright Trucking	Farmington	NM	87401	5053240332
PATE TRUCKING CO INC	HOBBS	NM	BAD A	5053936264
PAUL AND SON CONSTRUCTION,INC.	BLANCO	NM	87412	0
Petro Source Hydrocarbon Services	Roswell	NM	88201	3166240226
PETRO-THERMO CORP	HOBBS	NM	88241	
R&R Recycling	Belen	NM	87002	5058641222
RAPID TRANSPORT	JAL	NM	88252	9155862027
RAY WILLIS CONST & SUPPLY INC	LOVINGTON	NM	88260	0
REDWOLF PRODUCTION INC	Farmington	NM	87499	5053264125
Rockspring Transport	Shiprock	NM	87420	5053347200
Roland Trucking Co.	Eunice	NM	88231	5053942512
RS Trucking	Cuba	NM	87013	5052890306
Saguaro Trucking Co. Inc.	Albuquerque	NM	87125	5058816649
SCAT HOT WASH INC	FARMINGTON	NM	87499	5053258292
Schmitz Construction Inc.	Lindrith	NM	87029	5057746504
Shamrock Field & Lease Service, Inc.	Hobbs	NM	88240	5053939892
Shiprock Transport Co.	Farmington	NM	87499	5053275096
SONNY'S OIL FIELD SERVICES INC	HOBBS	NM	BAD A	0

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Southwest Steam & Trucking	Bloomfield	NM	87413	5059605236
STEVE CARTER INC	LOCO HILLS	NM	88255	0
STEVE CARTER & SON	LOCO HILLS	NM	88255	5056772370
STEVENS OPERATING CORP	ROSWELL	NM	BADAD	5056237161
Sunco Trucking Co.	Farmington	NM	87499	5053270416
Superior Trucking Company	Carlsbad	NM	88220	5058856504
TFH LTD	HOBBS	NM	88240	5053973270
THOMPSON ENGR & PROD CORP	FARMINGTON	NM	87402	0
TOM KENNANN ESTATE	EUNICE	NM	88231	5053942571
Totah Transport Company	Farmington	NM	87401	5053275001
TR Trucking, Inc.	Bloomfield	NM	87413	5056328070
TRIPLE S TRUCKING	AZTEC	NM	87410	5053346193
TRM, LLC	HOBBS	NM	88241	5053921547
V.A. Lathem Water Service Inc.	Clayton	NM	88415	5053742230
Velarde Energy Service	Dulce	NM	87528	5057593396
VISTA SERVICES	EUNICE	NM		5053944084
VMJ OIL FIELD SERVICE	LOVINGTON	NM	88260	5053963354
W.M. (Billy) Walker, Inc.	Hobbs	NM	88241	5053972441
WALTERS DRILLING INC	FARMINGTON	NM	87499	5053275218
Watson, Inc.	Tatum	NM	88267	5053983490
WELDON ROUSTABOUT SERVICE	LOVINGTON	NM	88260	5053964685
Western Freight Company, Inc.	Farmington	NM	87401	5053275448
WESTERN OIL TRANSPORTATION CO INC	HOBBS	NM	88240	0
WW Liquid Transport Inc.	Farmington	NM	87499	5053241089
X L TRANSPORTATION	JAL	NM	88252	0
JEFF MANRY dba RUNNING M SERVICES	HOBBS	NM	88424	5054410235
ZIA TRANSPORTS INC	HOBBS	NM	88241	5053938352
SB Weed Control, LLC	Carlsbad	NM		5058852066
J & R HOT OIL SERVICE	HOBBS	NM	88240	5053696322
Riley Industrial Services Inc.	Farmington	NM	87401	5053274947
Ace Services Inc	Aztec	NM		5053347274
JFJ LANDFARM LLC	FARMINGTON	NM	87401	5056321782
De La Sierra Trucking, LLC	Hobbs	NM	88242	5057380972
Victory Services Inc	Eunice	NM	88231	5053940219
Loretta C. Barnes dba Hot Foot Frac Water Hauling	Bloomfield	NM	87413	5056340961
DOS AMIGOS TRANSPORT LLC	CARLSBAD	NM	88221	5058852066
CRAIN'S HOT OIL SERVICE, INC.	LOVINGTON	NM	88260	5753966543
WORLD STAR DEVELOPMENT INC	AZTEC	NM	87410	5056328788
PERFORMANCE TRUCKING, LP	CARLSBAD	NM	88220	5052034130
MAJORITY SERVICES INC	HOBBS	NM	88240	5053970608
AMERICAN PRODUCTION SERVICES	HOBBS	NM	88240	5053938830
MOUNTAIN STATES PETROLEUM CORP	FARMINGTON	NM	87401	5053263468
HERCULES OILFIELD CONSTRUCTION INC.	KIRTLAND	NM	87417	5059470140
RAPTOR OILFIELD SERVICES	CUBA	NM	87103	5052152795
ROBERTS TRUCKING LLC	BLOOMFIELD	NM	87413	5056329302
SERRANOS INC	BLOOMFIELD	NM	87413	5056329494

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FULCO OIL SERVICES, LLC	JAL	NM	88252	5053952927
J S TRUCKING	CUBA	NM	87013	5052890203
JIMS WATER SERVICE	ARTESIA	NM	88210	5057481352
QUALITY OILFIELD SERVICES, L.L.C.	FARMINGTON	NM	87401	5053258101
SAFETY KLEEN SYSTEMS INC	FARMINGTON	NM	87401	5053279070
T C B SERVICES	ROSWELL	NM	88203	5056252531
HARPOLE CONSTRUCTION INC	FARMINGTON	NM	87401	5053251249
HARRIS TRUCKING	AZTEC	NM		5053343445
HUB TRANSPORT	CARLSBAD	NM	88220	5056288839
RIVERSIDE TRANSPORTATION, INC.	CARLSBAD	NM	88220	5058853505
HUB TRANSPORT	CARLSBAD	NM	88220	5056288839
MOBERGS WELDING INC	BLOOMFIELD	NM	87413	5056341525
STONE OILFIELD SERVICE LLC	LOVINGTON	NM	88260	5053961840
QUANNAH INC	HOBBS	NM	88260	5053910501
J & B TRUCKING LLC	HOBBS	NM	88241	5053923471
DIRT WORKS SERVICES, INC.	HOBBS	NM	88241	5053926456
KELCO INC	FARMINGTON	NM	87401	5053256372
B J Pipe & Supply	Lovington	NM	88260	5053966406
Victory Services Inc	Eunice	NM	88231	5053940219
B & R Trucking, Inc.	Carlsbad	NM	88220	5052366012
HARVEY'S HOT OIL SERVICE, LLC	LOVINGTON	NM	88260	5057049621
ARAPAHOE OILFIELD SERVICES, LLC	HOBBS	NM	88241	5053938685
MACK'S DRILLING, INC.	RATON	NM	87740	5054452693
TITO'S TRUCKING, LLC	LOVINGTON	NM	88260	5054413630
SUPERIOR ENTERPRISE, LLC	FARMINGTON	NM	87499	5056341141
SLO POKIN LLC	FARMINGTON	NM	87499	5058011441
PARKER ENERGY SUPPORT SERVICES INC.	EUNICE	NM	88231	5053940444
SMITH & SON CONSTRUCTION-WELDING INC.	HOBBS	NM	88240	5053971852
BOBBY SIKES DBA B&L SATELLITE RENTALS	EUNICE	NM	88231	5053940886
BULL HORN INC	HOBBS	NM	88241	5053977606
ZIA TRANSPORTS INC	HOBBS	NM	88241	5053938352
RAMON PONCE JR. DBA BRONCO SERVICES	HOBBS	NM	88240	5056315279
DOUBLE R TRANSPORTATION (RICARDO RODRIGUEZ)	JAL	NM	88525	5053901315
BANDERA PETROLEUM INC	HOBBS	NM	88240	5053926456
BRYAN'S OILFIELD SERVICE, INC.	EUNICE	NM	88231	5053940608
ACE TRUCKING, LLC	HOBBS	NM	88240	5053938131
VIKING TRANSPORT LLC	CARLSBAD	NM	88221	5053026230
JAIME CASTILLO DBA CASTILLO TRUCKING	HOBBS	NM	88240	5054417373
ACD OILFIELD SERVICES, LLC	LOVINGTON	NM	88260	5053967264
UNIQUE OILFIELD SERVICE, LLC	LOVINGTON	NM	88260	5053960448
GROVER & JEFFERY VIGIL DBA TOMAHAWK VII	CUBA	NM	87013	5052152896
ALEJO & REBECCA MADRID DBA MADRIDS TRUCKING	LOVINGTON	NM	88260	5053967529
LEGENDARY SERVICES LLC	LOVINGTON	NM	88206	5053960124
MESQUITE SERVICES, INC.	CARLSBAD	NM	88221	5057061840
RAM SERVICES, INC.	HOBBS	NM	88240	5053939552

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BLOOMFIELD CONSTRUCTION COMPANY, INC.	BLOOMFIELD	NM	87413	5056328220
NABORS WELL SERVICES LTD.	HOBBS	NM	88241	5053922577
DARREN WITTMAN DBA TUFFDAWG SERVICES	HOBBS	NM	88241	5053919353
PG ENTERPRISES, LLC	ALBUQUERQUE	NM	87105	5058649590
ANGELINA WELL SERVICE, INC.	CUBA	NM	87013	5052873949
JOSE A. GONZALEZ DBA GLEZZ TRUCKING	HOBBS	NM	88242	5057380812
SKY OILFIELD SERVICES	HOBBS	NM	88240	5753975988
UNIQUE VACUUM SERVICE, LLC	LOVINGTON	NM	88260	5753994830
CN FARMS & TRUCKING	MALAGA	NM	88263	5757453638
JJV OILFIELD SERVICES LLC	LOVINGTON	NM	88260	5056312191
THE COLBORN COMPANY, INC.	EUNICE	NM	88231	5053942463
DELONG, LC	ARTESIA	NM	88210	5057464716
RANGER SERVICES LLC	LOVINGTON	NM	88260	5753991502
NESSA OILFIELD SERVICES	LOVINGTON	NM	88260	5756021715
HERRERA TRUCKING LLC	FARMINGTON	NM	87499	5056322668
G&L TRUCKING LLC	HOBBS	NM	88240	5753910501
TRI ENERGY SERVICES, INC.	FARMINGTON	NM	87402	5053257005
FULCO TRUCKING, LLC	JAL	NM	88252	5753953178
MACK ENERGY CORPORATION	ARTESIA	NM	88211	5757481288
OCHOA TRUCKING, INC.	LOVINGTON	NM	88260	5754413393
DANIEL MARQUEZ DBA DAN'S TRUCKING	LOVINGTON	NM	88260	5753962066
QUALITY TRANSPORT, INC.	JAL	NM	88252	5753952273
DEPENDABLE TRUCKING, LLC	CARLSBAD	NM	88220	5752342028
HIGH TECH RENTAL TOOLS	AZTEC	NM	87410	5053342266
JAVIER ENRIQUEZ DBA J.E. TRUCKING	HOBBS	NM	88240	5754921583
PACHECO CONSTRUCTION & TRUCKING, INC.	TUCUMCARI	NM	88401	5754614811
WAPITI ENERGY SERVICES, LLC	Farmington	NM	87401	5053272679
STEVE KENT TRUCKING NM, LLC	HOBBS	NM	88240	5753910105
MAND S SERVICE, INC.	LOVINGTON	NM	88260	5753966722
BAILEY'S WELDING SERVICE, INC.	FARMINGTON	NM	87401	5056323739
ASTOCO OILFIELD SERVICES, LLC	HOBBS	NM	88240	5753906858
Najera's Trucking	Hobbs	NM	88240	5753939054
ATG ENTERPRISES, INC.	FARMINGTON	NM	87401	3082895220
CIRILO G. CORTEZ DBA CORTEZ TRUCKING	CARLSBAD	NM	88220	5752341424
550 WATER SERVICES LLC	BLOOMFIELD	NM	87413	5059472152
N&M OILFIELD SERVICES, LLC	HOBBS	NM	88240	5753180638
ENDEAVOR SERVICES, INC.	HOBBS	NM	88240	5754080392
KENEMORE WELDING AND OILFIELD SERVICES, INC.	MALJAMAR	NM	88264	5756762332
L&E SERVICES, LLC	LOCO HILLS	NM	88255	5756772111
DURANGO TRUCKING DBA JOSE C AVILA	HOBBS	NM	88240	5754080230
ALLIANCE TRUCKING, LLC	ARTESIA	NM	88210	5757487743
SAHARA TRANSPORT SERVICES, LLC	CARLSBAD	NM	88220	5757069556
STEARNS, INC.	CROSSROADS	NM	88114	5756752356
RGB, LLC	CARLSBAD	NM	88220	5753619142
B&R TRUCKING, INC.	CARLSBAD	NM	88220	5752366012
TARGA TRANSPORT LLC	EUNICE	NM	88231	5753942534

C & C TRANSPORT, LLC	HOBBS	NM	88240	5753917832
MICO OILFIELD SERVICES, LLC	LOVINGTON	NM	88260	5753995551
3-K OIL AND GAS SERVICES, LLC	JAL	NM	88252	5753959970
SUNDANCE SERVICES, INC.	EUNICE,	NM	88231	5753942511
EXTREME SERVICES, LLC	LOVINGTON	NM	88260	5756317896
DANNY'S HOT OIL SERVICE, INC	TATUM	NM	88267	5753983490
ENDEAVOR SERVICES, INC.	HOBBS	NM	88240	5754080392
VICTOR'S LEASE SERVICE LLC	LOVINGTON	NM	88260	5753966927
BLUE STAR OILFIELD SERVICES LLC	CARLSBAD	NM	88221	5752340371
R W TRUCKING, LLC	CARLSBAD	NM	88220	5757066595
EXCALIBUR CORP	EUNICE	NM	88231	5753940627
GUNS UP SERVICES, LLC	EUNICE	NM	88231	5753992457
MANUEL FRANCO	HOBBS	NM	88240	5753934246
CRI HOLDINGS, LLC	HOBBS	NM	88240	5753931079
ALICIA MORALES DBA ALFA & OMEGA TRUCKING	EUNICE	NM	88231	4322883101
WEST STATES ENERGY CONTRACTORS, INC	BLOOMFIELD	NM	87413	5056326988
ROGELIO MARQUEZ DBA ROGER M TRUCKING	LOVINGTON	NM	88260	5753962092
22 BAR, LLC	LOVING	NM	88256	5754993563

SOURCE DOCUMENTS: NM State Land Office; NM Energy, Minerals and Natural Resources Department; NM Oil & Gas Association; NM Oil & Gas Commission; NM Oil Conservation Division; NM Department of Transportation; City of Albuquerque; Clean Energy; US Department of Energy Clean Cities Program

RENEWABLE ENERGY

New Mexico's world-class renewable resources are yielding substantial economic and environmental benefits for the state. These links provide more detailed information:

- [Biomass Energy](#)
- [Geothermal Energy](#)
- [Solar Energy](#)
 - [Solar Rights Act](#)
- [Wind Energy](#)
- [Energy Storage](#)

The renewable energy initiatives involve both “distributed-scale” and “utility-scale” technologies. Distributed energy generation, whether in the form of electricity or heat, means that the power is generated at or near where the energy is used. Solar photovoltaic (PV) modules on the roof of a home are a common type of distributed renewable energy. Other examples include solar water heating collectors that provide on-site water or space heating for a home or a business, small wind turbines that provide power to a rural farm or ranch, and even wood burning stoves for space heating. While there are exceptions, distributed energy systems are generally small-scale (one to three kilowatts of solar PV for homes, tens of kilowatts for commercial applications) and owned by the property owner or energy consumer.

As the name implies, utility-scale renewable energy systems are on a much larger scale, usually remotely located from major electricity demand areas (such as urban areas), and are generally incorporated into an electric utility’s supply generation mix with its other electric supply generation resources. The large (in excess of 100 megawatts) wind farms on New Mexico’s eastern plains are good examples of utility-scale electric power generation. A newer, emerging solar technology, Concentrating Solar Power (CSP), is also of utility-scale, with solar power plant sizes in excess of 100 megawatts.

Energy storage is key to expanding the use of renewable energy. Integrating variable wind and solar energy production into the needs of a power grid is a growing issue for the utility industry and will become even more important as the penetration of both of these renewable resources increases. Future renewable systems may have to incorporate this type of combined energy system in order to be included in energy assurance plans for a community.

Energy storage has the potential to provide significant support to the integration of renewable energy in the country. The Department of Energy and Sandia National Laboratories (SNL) are interested in accelerating the pace of deployment of energy storage technologies through cooperative partnerships with interested states. A Clean Energy States Alliance (CESA) has been tasked with facilitating this state-federal energy storage technology advancement partnership project.

New Mexico Public Regulation Commission and Renewable Energy in New Mexico

The Public Regulation Commission reviews and approves renewable energy procurement plans and reports of Investor Owned Utilities ("IOU's") and Rural Electric Cooperatives ("Coops") pursuant to the Renewable Energy Act ("REA"), §§ 62-16-1 et seq. NMSA 1978 and Title 17.9.572 NMAC ("Rule 572"). IOU's in New Mexico are procuring renewable energy and renewable energy certificates from New Mexico renewable generation facilities to meet the Renewable Portfolio Standard (RPS) requirements of the REA and Rule 572.

Investor Owned Utilities and the RPS

The REA and Rule 572 established an RPS applicable to all investor owned electric utilities in New Mexico. In 2006, the RPS will be 5% of retail sales in kWh's, reaching 10% by the year 2011. Recent legislative changes to the REA (SB418, signed March 5, 2007 by Governor Bill Richardson) have increased the RPS percentages and extended the time lines - Investor Owned Utilities (IOU's) now must have in their portfolio as a percentage of total retail sales to New Mexico customers, renewable energy of no less than 15% (by 2015) and 20% (by 2020).

Resource Diversity and the RPS

In addition to the RPS, Rule 572 requires that Investor Owned Utilities (IOU's) must offer a voluntary renewable energy program to their customers. In addition to and within the total portfolio percentage requirements, utilities must design their public utility procurement plans to achieve a fully diversified renewable energy portfolio no later than January 1, 2011, as follows:

Diversity requirements for IOU's as % of total RPS requirement:

No less than *20% Wind*

No less than *20% Solar*

No less than *10% Other technologies*

No less than *1.5% Distributed Generation (2011-2014) and 3% Distributed Generation by 2015*

Reasonable Cost Threshold

A public utility shall not be required to add renewable energy to its electric energy supply portfolio, pursuant to the renewable portfolio standard, above the reasonable cost threshold established by the Commission. The reasonable cost threshold for 2006 is one percent of all customers' aggregated overall annual electric charges, increasing by one-fifth percent per year until January 1, 2011, at which time it will be two percent.

Rural Electric Cooperatives and the RPS

The recent changes to the REA also included expanding the RPS requirements to rural electric cooperatives. Renewable energy must comprise of no less than 5% of retail sales to New Mexico customers by 2015 and the RPS will increase at a rate of 1% annually until 2020, at which time the RPS will be 10%. In addition to the RPS, Rule 572 also requires that Coops must offer a voluntary renewable energy program to their customers provided their supplier makes renewable resources available.

RPS Compliance

2006 is the first compliance year for New Mexico IOU's, meaning that IOU's must demonstrate they have met the RPS requirements in their Renewable Energy Portfolio Reports to the Public Regulation Commission. These reports must be filed with the Public Regulation Commission by September 1, 2007 and by July 1 of each year thereafter. Compliance estimates by technology type are shown below for 2006.

	2006 Retail Sales	RPS	RPS Obligation	Generated	Year=2006		
	(Actual)			Total	Wind	Solar	Biomass
	(MWh)	%	(MWh)	(MWh)			
PNM	7,933,552	5	373,162	528,944	528,429	514	-
SPS	3,883,263	5	194,163	724,660	724,660	-	-
EPE	1,537,449	5	76,872	78,320	78,320	-	-
	2007 Retail Sales	RPS	RPS Obligation	Generated	Year=2007		
	(Actual)			Total	Wind	Solar	Biomass
	(MWh)	%	(MWh)	(MWh)			
PNM	8,726,294	6	502,755	502,321	500,560	1,760	-
SPS	4,106,037	6	246,362	687,911	687,911	-	-
EPE	1,596,870	6	95,812	97,290	97,290	-	-

Sources: EPE, PNM, SPS Rule 572 Compliance Filings, Annual Reports - Form 1.

Note: EPE purchased all wind RECs from PNM to meet the full RPS requirement for years 2006 and 2007.

New Mexico Renewable Energy Interconnect Standards:

TECHNOLOGY APPLICATIONS:

Solar Thermal Electric, Photovoltaics, Landfill Gas, Wind, Biomass, Hydroelectric, Geothermal Electric, Fuel Cells, Municipal Solid Waste, CHP/Cogeneration, Small Hydroelectric, Microturbines, Other Distributed Generation Technologies

CUSTOMER CLASSES:

Commercial, Industrial, Residential, Nonprofit, Schools, Local Government, State Government, Fed. Government

UTILITIES:

Investor-owned utilities, electric cooperatives

CAPACITY LIMITATIONS:

80 MW Limit on Capacity

STANDARD AGREEMENT:

Yes

INSURANCE REQUIREMENTS:

Generally not required for systems up to 250 kW. Utilities may require insurance for systems > 250 kW, with limits set by PRC.

INTERCONNECT REQUIREMENTS:

External Disconnect: Not required for inverter-based systems up to 10 kW; utility's discretion for all other systems

METERING:

Net Metering Not Required

NET METERING:

No limit specified on aggregate capacity limit of 80 MW. Net excess generation credited to customer's next bill at avoided cost rate or reconciled monthly at avoided cost rate.

Interconnection in New Mexico is governed by New Mexico Public Regulation Commission (PRC) Rule 568 and Rule 569. These rules, adopted in July 2008, revised and clarified the state's existing rules. Rule 569 applies to all qualifying facilities (QFs)

under PURPA, which generally includes all renewable-energy systems and combined-heat-and-power (CHP) systems up to 80 megawatts (MW) in capacity.

Rule 568 applies to renewable-energy systems and CHP systems up to 10 MW in capacity. The purpose of Rule 568 is to simplify the interconnection requirements for QFs up to 10 MW and to encourage the use of small-scale, customer-owned renewables or alternative energy resources. All utilities subject to PRC jurisdiction must offer net metering and must comply with these standards. (Municipal utilities, which are not regulated by the commission, are exempt.)

Interconnection applications will generally follow this review path:

- Systems up to 10 kilowatts (kW) in capacity are eligible for the "Simplified Interconnection Process," which includes simplified applications.
- Systems greater than 10 kW and up to 2 MW are eligible for the "Fast Track Process," which might include supplemental review.
- Systems greater than 2 MW and up to 10 MW must follow the "Full Interconnection Study Process."
- Systems greater than 10 MW must follow the "Case Specific Study Process."

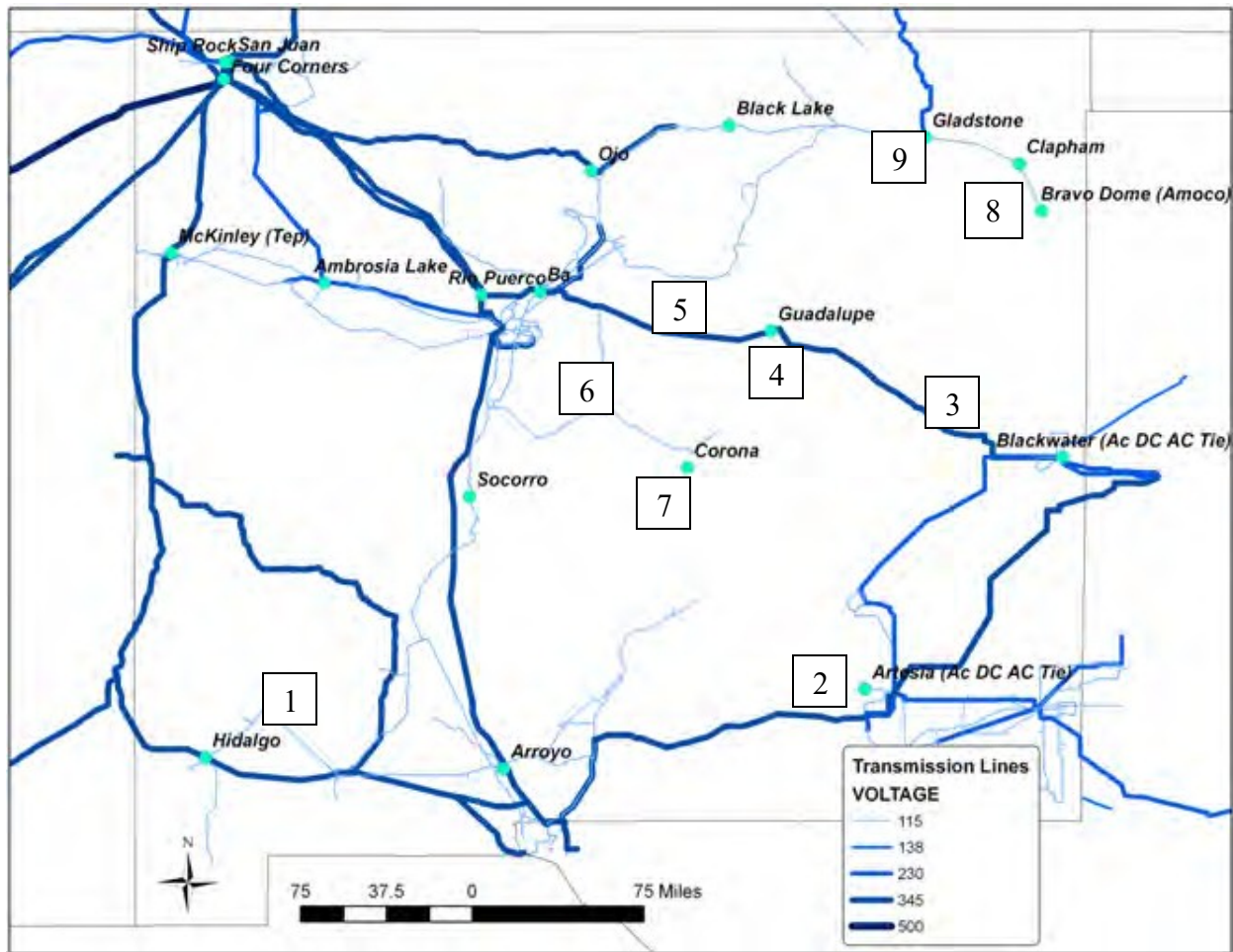
All systems must comply with all relevant local and national standards (including the NEC, IEEE and UL standards), and must meet any additional requirements approved by the PRC. A redundant external disconnect device is required for all interconnected systems. For systems greater than 10 kW, the disconnect switch must be visibly marked and accessible to and lockable by the utility.

The PRC may require the owner of a generating facility with a rated capacity of up to 250 kW to obtain general liability insurance prior to connecting with a utility if the utility provides a sufficient reason for doing so. A utility may directly and independently require owners of systems greater than 250 kW to provide proof of insurance, with reasonable limits not to exceed \$1 million, or other reasonable evidence of financial responsibility. A mutual indemnification agreement between the customer and the utility is required.

Interconnected customers must pay an application fee that varies according to the size of the system. Systems up to 10 kW must pay \$50; systems greater than 10 kW and up to 100 kW must pay \$100; and systems greater 100 kW must pay \$100 plus \$1 per kW. In addition to these fees, a small utility with fewer than 50,000 customers may charge reasonable consulting fees for systems greater than 10 kW.

RENEWABLE TRANSMISSION LINE MAP

The following map displays the location of nine renewable development zones identified by the New Mexico Renewable Transmission Authority (RETA) in its report, "New Mexico Renewable Energy Development Study" (October 10, 2010).



New Mexico's Renewable Development Zones

Key zones for renewable development include Luna (1), Artesia (2), Corona-Williard-Guadalupe- Santa Rosa (3–7), and Clapham-Springer (8–9).

Study assumptions related to timing of project development and generator nameplate capacities were provided by RETA, based on Large Generator Interconnection Procedure (LGIP) requests and other planning data. In evaluation of LGIPs for PNM's service area, RETA determined that approximately 91% requested interconnection of wind farms while only 9% requested interconnection for solar. RETA also evaluated potential renewable energy zones within the state, the location of LGIP requests and other information related to current efforts for 5-, 10- and 20- year project planning. This study, therefore, assumes a majority of

future generation will be developed from wind resources. If a larger fraction of generation is developed as solar versus wind, a different pattern of variable power injection is likely, however, both are variable resources and not base load power. Additional studies will need to be completed as part of the regional effort with incumbent utilities to ensure continued grid operation and reliability. Phase 2 of this study process would additionally evaluate the best combined features from both plans if several large regional transmission initiatives are added to interconnect other states, control areas or load centers. This approach could potentially reduce the effect of highly-correlated output variability of renewable generators in New Mexico.

The following table from the report summarizes renewable capacity additions modeled in this study for 5, 10, and 20-year horizons. It provides information on resource type, transmission tie-ins for each zone, renewable capacity, and injected power. Injected power was calculated by applying a generating capacity factor as an adjustment to “Capacity MW” (see Appendix A). This adjustment accounts for spatial diversity of resources, unit reliability, and seasonal variations. A total of 5,200 MW can potentially be developed with over 90% of capacity resourced from wind farms.

Table 2. Capacity Additions for Nine Development Zones

Zone	Collector	Tie-In	Capacity MW	Wind Region	Capacity Factor ¹¹	Injected MW	Resource
1	South and West	Luna	180	90	0.90	150	Solar
2	South and West	Artesia	130	93	0.90	110	Solar
3	Central	Lonesome	610	91	0.53	300	Wind
4	Central	Guadalupe	790	93	0.59	440	Wind
5	Central	Blackwater	880	91	0.53	430	Wind
6	Central	Williard	220	92	0.52	110	Wind
7	Central	Corona	1,290	91	0.53	640	Wind
8	North and East	Clapham	600	93	0.59	330	Wind
9	North and East	Springer	500	93	0.59	280	Wind
Subtotal			5,200	-	-	2,790	-

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WIND POWER IN NEW MEXICO

According to the Department of Energy, wind power is one of the fastest growing forms of new power generation in the United States. Industry growth in 2007 was 45% nationwide. New power installations constituted 30% of all new electric power installations in the country. New Mexico is experiencing a similar surge in wind projects around the state.

The potential for electricity generation from wind is enormous in some areas of New Mexico, especially on the eastern plains. New Mexico ranks twelfth in wind electric potential and is among twelve states in the midsection of the country that, together, have 90% of the total commercial wind electric potential in the contiguous United States. The annual wind energy potential of New Mexico has been estimated to be 435 billion kWh. New Mexico has the potential to produce many times its own electrical consumption, which puts it in a position to export wind electric power.



Wind is a proven, cost-effective, and environmentally attractive source of power. Recent technological innovations in wind turbine design have resulted in increased effectiveness and reduced cost. The wholesale cost of electricity from wind

power plants has dropped below 4 cents per kilowatt-hour (kWh), very close to the cost of power from fossil fuel sources. Public utilities across the country and around the world are beginning to include wind in their mix of energy sources.



Wind Power Plants in New Mexico

New Mexico has a total of 750 megawatts of wind power capacity installed at seven wind power plants. The first utility-scale wind power plant in New Mexico, near House, commenced operation in July 2003. Known as the New Mexico Wind Energy Center, it is 204 megawatts in capacity. All of its generated electricity is purchased by PNM. Energy produced at the New Mexico Wind Energy Center will replace an equivalent amount of power coming from facilities powered by coal and gas. Wind now comprises eight percent of PNM's overall generation capacity. However, because of the intermittent nature of wind, the facility's output is expected to comprise about four percent of the energy actually produced by or for PNM over the course of a given year.

The Wind Energy Center will bring more than \$40 million into rural De Baca and Quay counties over 25 year. This includes \$450,000 per year in payments in lieu of taxes to be made to the county governments and school districts; about

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\$550,00 per year in lease payments to landowners; and an estimated \$500,000 in salaries for the permanent jobs to be created.

The utility-scale wind power plants in New Mexico are:

1. 2-MW Llano Estacado, Curry County (1999-2003 Cielo)
2. 204-MW New Mexico Wind Energy Center, De Baca and Quay Counties (2003 FPL Energy)
3. 80-MW Caprock Wind Ranch, Quay County (2005 Babcock & Brown)
4. 120-MW San Juan Mesa Wind Project, Roosevelt County (2005 Edison Mission)
5. 90-MW Aragonne Wind Facility, Guadalupe County (2006 Babcock & Brown)
6. 100-MW High Lonesome Mesa, Torrance County (2009 Edison Mission)
7. 102-MW Red Mesa Wind Energy Center, Cibola County (2010 Next Era Energy)
8. 50-MW Macho Springs Wind Project, Luna County (2011 Mortenson Construction)



Lea County Electric Cooperative signed a 20 year contract with Dallas based Kairos Energy LLC to buy electricity from a 28.8 MW wind farm near Lovington in southeastern New Mexico. The wind farm will consist of a dozen 260 foot tall wind turbines and will be partnered with the Cooperative's gas fired generation engines now under construction. Exelon Corporation, the utility holding company based out of Chicago, Illinois purchased Wildcat Wind, LLC in January 2012 and broke ground on the project soon after. Wildcat Wind consists of 13 Suzlon S97, 2.1 MW wind turbines.

The Macho Springs Wind Project in Luna County, N.M., about 20 miles northeast of Deming, is now operational. The plant, designed and built by Mortenson

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Construction, consists of 28 Vestas V100-1.8 megawatt (MW) wind turbines installed over approximately 2,000 acres of private rangeland.

Construction on the project began in January 2012, creating approximately 150 jobs at a time when the local unemployment rate was approximately 14 percent, the developers said. As an operating power plant Macho Springs will provide seven full-time jobs over its 20-year duration.



image via Mortenson Construction

The project is expected to generate enough electricity to power approximately 14,000 homes, all of which will be sold across the state line to Tucson Electric Power (TEP).

Element Power is also developing a 50-MW photovoltaic (PV) project adjacent to the Macho Springs site.

Resources Assessment

Through its wind power program, The New Mexico Energy Conservation and Management Division (ECMD) has performed a critical role in the development of wind power in the state. The information ECMD provides, especially wind data, has been instrumental in the development of utility-scale wind power plants. ECMD's Wind Power Program has provided detailed wind resource assessments of the state and high quality wind data to over 40 wind power developers, PNM, land owners and others. ECMD has provided three years of wind speed data collected at seven promising sites. They are continuing detailed wind energy resource assessment in order to promote further commercial development. In 2005 ECMD installed a permanent, 100-meter tall wind monitoring tower to provide improved wind data for the industry. This project was motivated by the fact that modern turbines have rotors up to 100 meters or higher. Wind data at 40 meters must be extrapolated, reducing the accuracy. Also, a permanent installation will allow future projects the opportunity to correlate their on-site data to our long term data in real time, thus reducing the monitoring period required and improving accuracy. Finally, this permanent monitoring tower will reveal any trends due to climate change. ECMD'S Wind Power Program has provided studies and reports of the potential economic benefits of wind power to five counties: Eddy, Otero, Quay, Lea, and Colfax. The program has also provided the following products:

- New Mexico Wind Power Plant Site Screening Model
- Guidelines for Developers and Investors Interested in the Wind Energy Sector in New Mexico
- New Mexico Wind Development Handbook
- Mesa Redonda Case Study Report - Executive Summary (includes environmental, archeological, cost estimating, transmission, permitting, geotechnical, micro siting, production, and visual information).

Policy

New Mexico has a state tax incentive in the form of a corporate Renewable Energy Production Tax Credit of one cent per kWh. ECMD administers the tax credit, a significant incentive for wind power development.

Other incentives in New Mexico include Industrial Revenue Bond financing that provides relief from property tax, and Gross Receipts Tax Exemption that allows an exemption from the gross receipts tax for certain wind equipment. New Mexico has a Renewable Portfolio Standard that requires investor-owned utilities to procure or generate 20 percent renewable energy by 2020 with intermediate requirements.

The rule also requires utilities to offer an optional green power tariff so that those customers willing to pay more for renewable power will be able to purchase larger amounts of renewable power. Green power tariffs are offered by PNM, Southwestern Public Service, El Paso Electric, and Kit Carson Electric Cooperative.

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New Mexico recently established the Renewable Energy Transmission Authority (RETA), the only such entity in the country, to help develop new electric transmission capacity to export large volumes of renewable energy to market. Such a development has the potential to vastly increase wind power development in New Mexico.

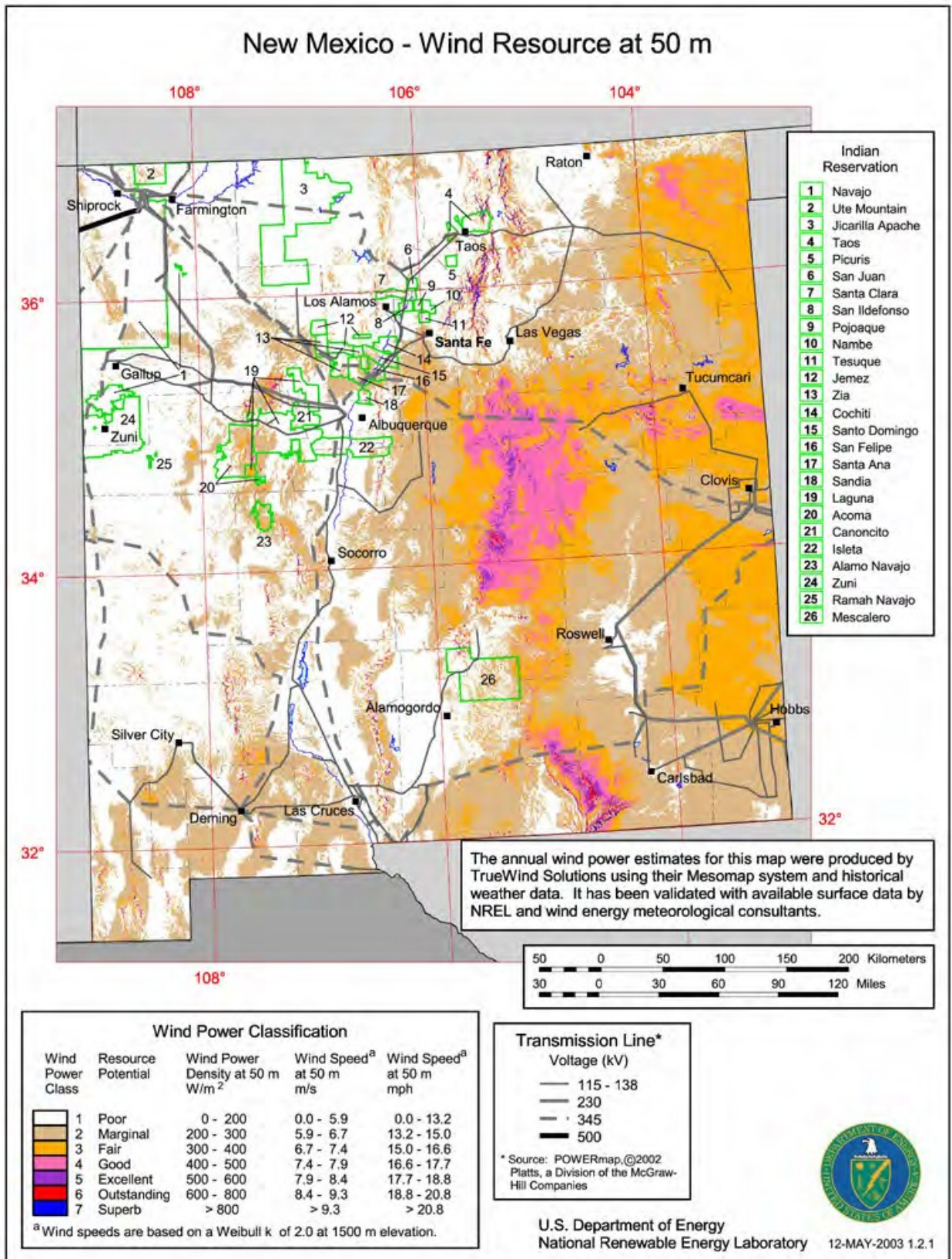
New Mexico 50 Meter Wind Resource Map

The Department of Energy's Wind Program and the National Renewable Energy Laboratory (NREL) published a wind resource map for the state of New Mexico. This resource map shows wind speed estimates at 50 meters above the ground and depicts the resource that could be used for utility-scale wind development. Future plans are to provide wind speed estimates at 30 meters, which are useful for identifying small wind turbine opportunities.

As a renewable resource, wind is classified according to wind power classes, which are based on typical wind speeds. These classes range from Class 1 (the lowest) to Class 7 (the highest). In general, at 50 meters, wind power Class 4 or higher can be useful for generating wind power with large turbines. Class 4 and above are considered good resources. Particular locations in the Class 3 areas could have higher wind power class values at [80 meters](#) than shown on the 50-meter map because of possible high wind shear. Given the advances in technology, a number of locations in the Class 3 areas may be suitable for utility-scale wind development.

This map indicates that New Mexico has wind resources consistent with utility-scale production. The largest contiguous area of good-to-excellent resource is in central New Mexico between Albuquerque and Clovis. Other notable areas of good-to-excellent resource are located near the Guadalupe Mountains in southern New Mexico, near Tucumcari, and in the northeastern part of the state near the Colorado and Oklahoma borders.

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U.S. Department of Energy
National Renewable Energy Laboratory 12-MAY-2003 1.2.1

NEW MEXICO WIND ENERGY WORKING GROUP

Mission

The New Mexico Wind Working Group is a collaborative group of individuals, professionals, and wind industry participants who have assembled to promote the development of wind energy in the state. The purpose of the group is to discuss, develop, and implement the tasks and methodologies that will hasten the development of wind energy in New Mexico. The group's objective is to promote environmental protection and boost economic development within the state through the use of wind energy and to foster the increased use of wind-generated electricity by the energy generators and consumers of New Mexico. Activities of the New Mexico Wind Working Group are funded by the US Department of Energy and coordinated by the New Mexico Energy Conservation and Management Division.

Scope

The Wind Working Group promotes development of wind energy resources through small wind, community wind and utility-scale wind technology in New Mexico.

Participants

The Wind Working Group is open to any interested party that supports the group's mission. Participants are stakeholders in New Mexico wind power, such as government (local, state, and federal) agencies, utilities, cooperatives, developers, grass-roots and non-profit organizations, land owner associations, farmers, ranchers, tribal organizations, and environmental organizations.

About Wind Working Groups

The U.S. Department of Energy's Wind Powering America (WPA) supports over 30 Wind Working Groups around the country. WPA activities include also include validated wind maps, anemometer loan programs, small wind guides, wind for schools, exhibits, and workshops/Webcasts.

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SOLAR POWER AND RENEWABLE ENERGY TAX CREDITS IN NEW MEXICO

New Mexico's climate is typified by abundant sunshine, giving the state some of the nation's best solar energy potential. Solar power provided about 3% of the state's generation in 2016. The number of utility-scale solar photovoltaic (PV) facilities in New Mexico is increasing, and so is the use of distributed (customer-sited, small-scale) solar generation, including corporate PV installations. State regulatory policies and incentives encourage the use of distributed solar technologies. In 2016, New Mexico ranked 15th in the nation in installed solar capacity with about 700 megawatts.

The Renewable Energy Production Tax Credit (REPTC) supports utility-scale wind, biomass, and solar projects that, in turn, assist utility companies in meeting the Renewable Portfolio Standard. Through the REPTC program, there are currently 1387 MW of wind and 380 MW of solar-generating electricity in New Mexico, which have created approximately \$2 billion in construction activity within the last ten years.

While the allocation of the available tax credits (each tax credit lasting 10 years) was reached in 2012, no applications for solar power plants or wind turbine facilities were received by ECMD in 2017. Projects now on the REPTC waiting list represent potential new development of 745 MW in wind and 927 MW in solar power, representing over \$3 billion in construction activity for rural communities.



Although most renewable energy projects take advantage of the REPTC for ten years, these utility scale projects provide a steady source of revenue for the next 30 years to the New Mexico State Land Trust. The direct revenue supports the trust beneficiaries and education in New Mexico through the leasing of public lands for wind, solar, geothermal power plants, and electric transmission infrastructure. Private landowners also realize significant revenues from the lease of their lands. The REPTC incentive sunsets on January 1, 2018.

The table below lists the current New Mexico Renewable Energy Production Tax Credit projects in operation and on the waiting list in New Mexico.

New Mexico Renewable Energy Tax Credit Projects

Name of Energy Generator Facility	Capacity (MW)	Annual Production Eligibility (MWh)
POST-ELIGIBLE		
New Mexico Wind Energy Center	204.0	400,000

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Caprock Wind Ranch	80.0	316,600
San Juan Mesa Wind Project	120.0	400,000
Aragonne Wind Facility	90.0	275,861
<i>CERTIFIED</i>		
High Lonesome Mesa Wind Ranch	100.0	309,976
Red Mesa Wind Energy Center	102.4	297,009
Macho Springs I Wind Power	50.4	124,016
Wildcat Wind, LLC	27.3	93,798
Broadview Energy Prime	9.9	37,820
Broadview Energy Prime II	9.9	37,435
Anderson Wind Project	15.0	52,560
Roosevelt Wind Project, LLC	250.0	400,000
MILO Wind Project	49.65	215,400
CERTIFIED TOTAL	614.6	1,568,014
<i>WAITING LIST</i>		
El Cabo - Iberdrola Renewables	278.0	400,000
Broadview Energy, JN	171.7	400,000
Broadview Energy, KW	125.8	400,000
Grady Wind Energy Center	117.3	400,000
AEM Wind, LLC	29.9	147,853
La Joya Wind Project	250.0	400,000
Taiban Mesa Wind	50.0	225,607

WATER AND WASTE WATER

Water and Waste Water are critical issues in every New Mexico community. There is a critical link between energy assurance and state water issues. In fact, it may be considered the most important link between energy resources and community sustainability. Energy availability and delivery are of utmost concern to all water providers and waste water managers within the state. Without electricity or natural gas; well pumping, system distribution and water availability at the consumer will not occur. In addition, even if the supply water energy is available, waste water facilities must also be operating. In metropolitan areas, one will not work without the other. Water cannot be delivered to users if discharge facilities are closed because of energy shortages. Design of reliable back-up energy supply systems to water and waste water facilities is critical for not only delivery but also purification and discharge of water and waste.

In New Mexico, water is generally drawn from two sources:

Ground Water

Pumped (using significant amounts of energy) from underground aquifers. This is water that usually requires limited treatment to be potable and useable. However, depending on the depth of the wells and the quantity/quality of the water, energy pumping costs and energy consumption is significant. The greater the depth to water, the more costly and the greater the energy consumption.

Surface Water

Taken from lakes, rivers, and reservoirs. This water is directly exposed to the surrounding environment and is dependent on rain and snowmelt for all of its reserves. Also, since it is exposed to the surrounding environment it requires more treatment and usually more expensive and complicated treatment facilities.

Both surface and aquifer water have quality issues. Salt, soot, industrial pollution, petrochemicals, and other general contaminants require stringent treatment actions. There is a direct link between the quality of water and the energy used to create or perform regulated treatment requirements.

Besides treatment facilities and product treatments, pumping water from treatment facilities to end-users is a major energy consumer. Depending on location and geographical distribution elevations, water pumping is most likely the number one single energy expense in most of New Mexico's larger communities.

All ground water in New Mexico is derived from infiltration of precipitation. The amount and quality of ground water varies considerably with the altitude and topography of the area. In New Mexico different climate conditions produce different precipitation rates, anywhere between 7 inches in the desert areas to 16 inches on the plains and mountains of New Mexico.

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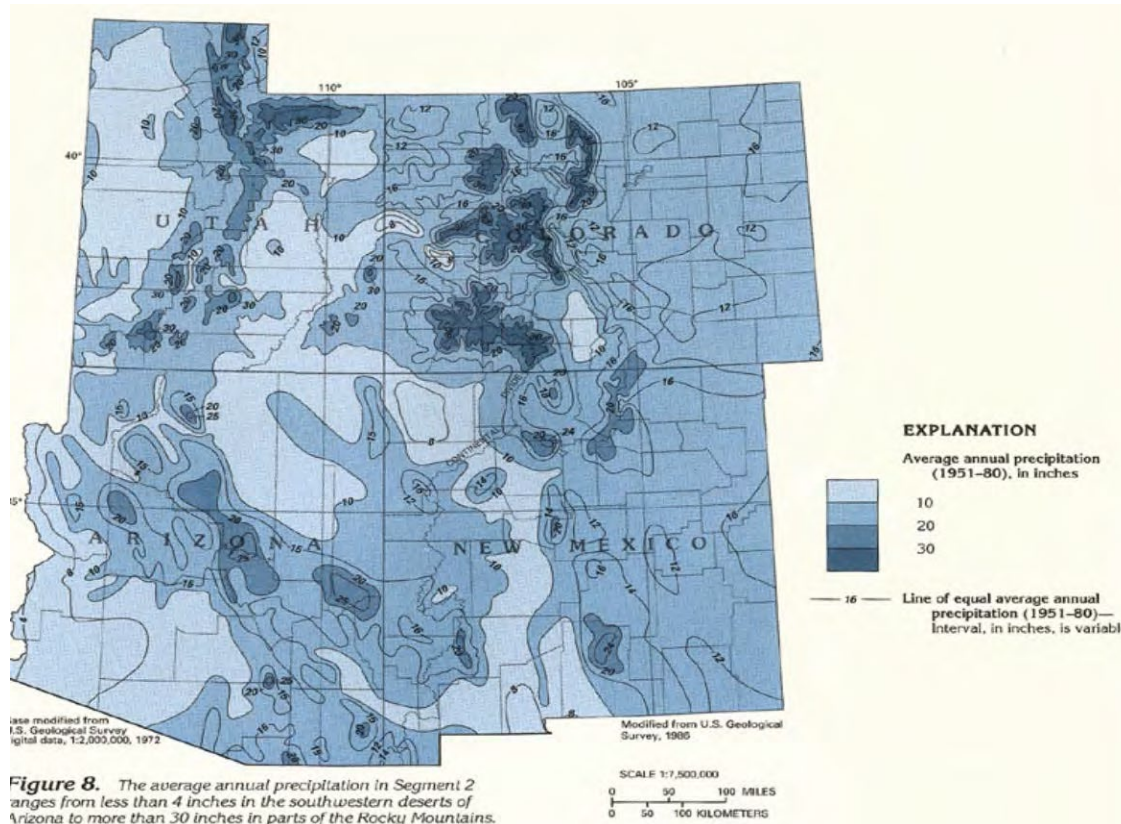
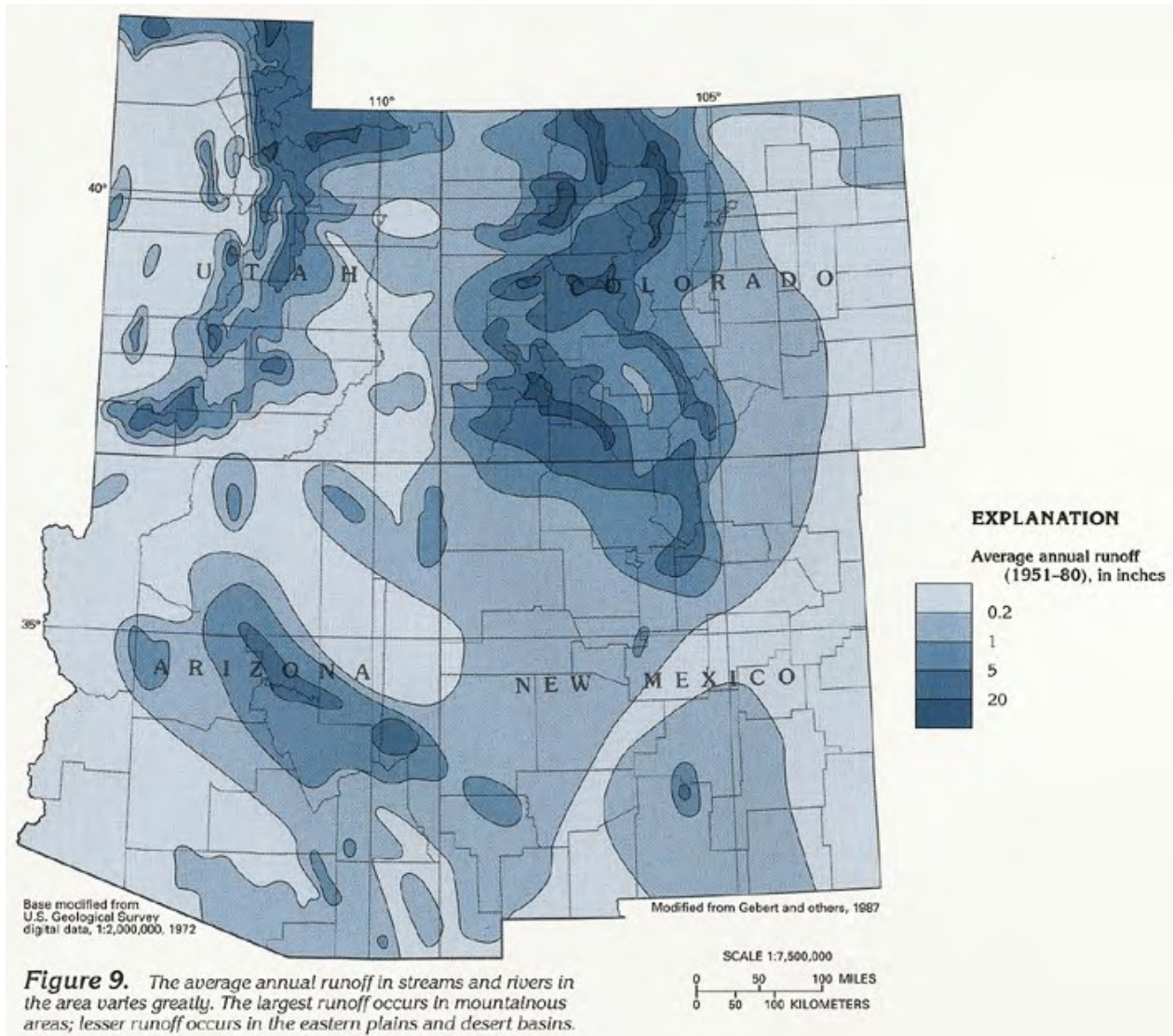


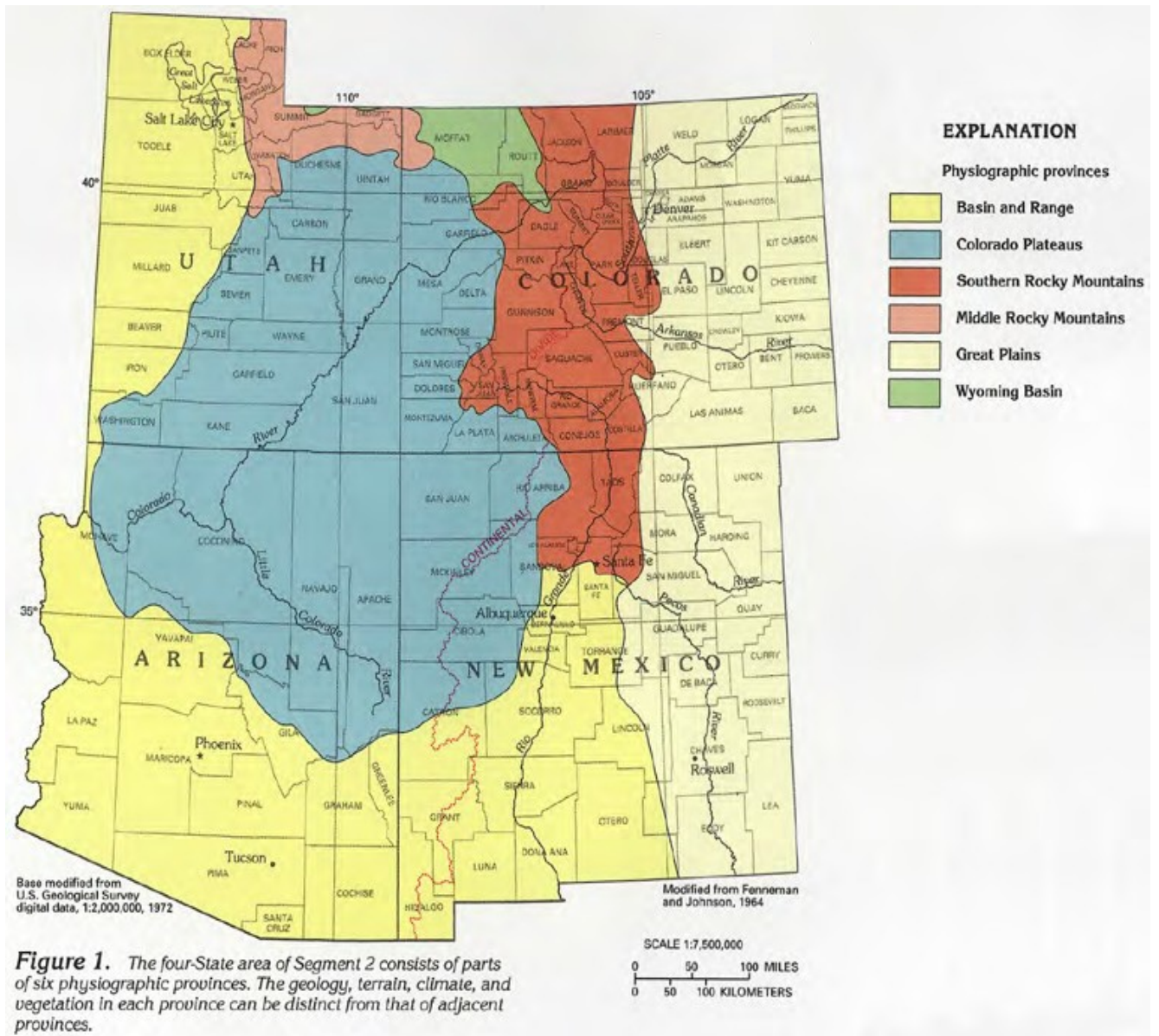
Figure 8. The average annual precipitation in Segment 2 ranges from less than 4 inches in the southwestern deserts of Arizona to more than 30 inches in parts of the Rocky Mountains.

The largest rates of precipitation are near the eastern boundaries of New Mexico. Some of the precipitation that falls on the land surface flows directly into streams and rivers as direct runoff, and some precipitation infiltrates the soil and underlying aquifers and moves laterally to discharge into streams and rivers as base flow.



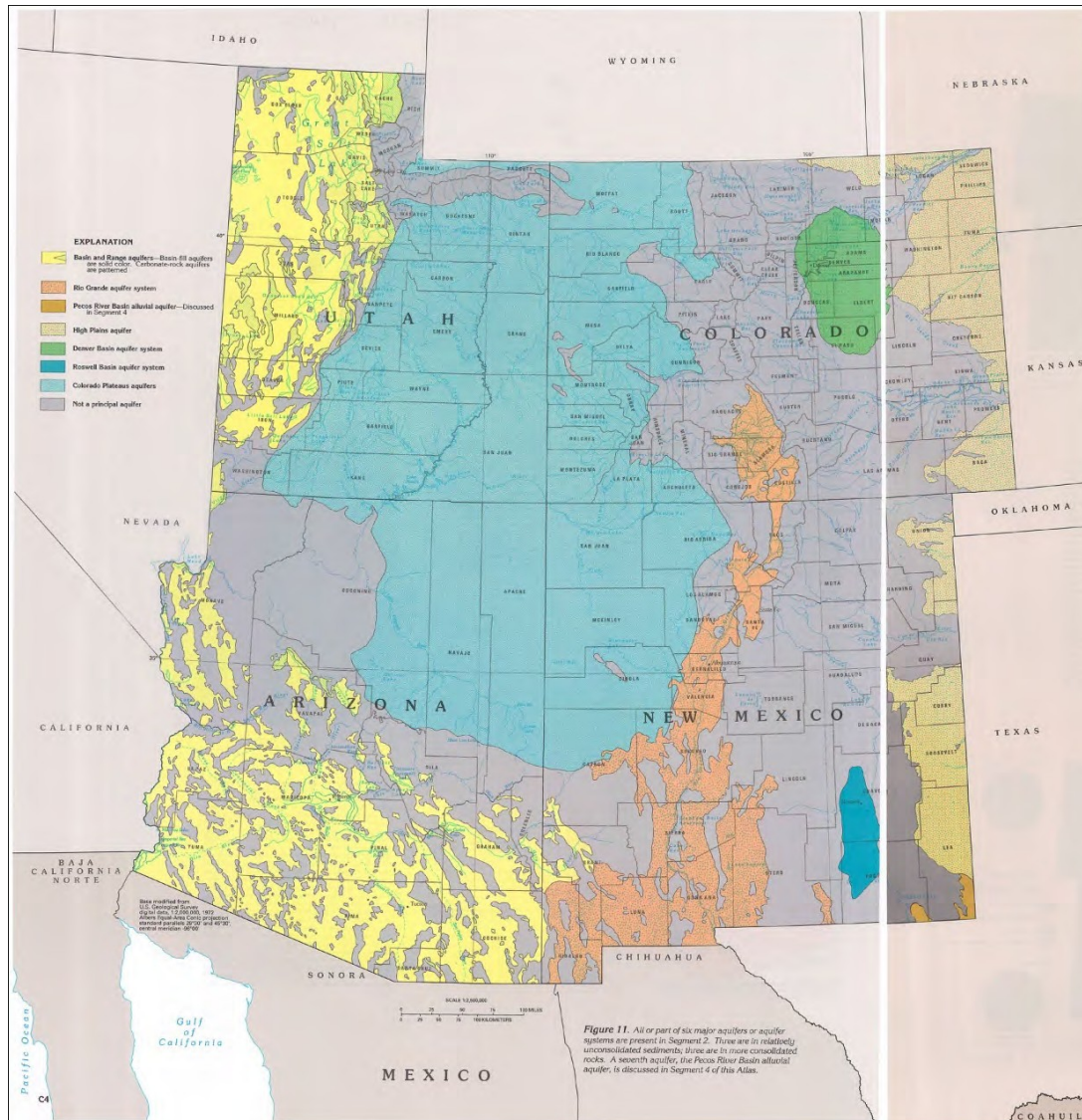
Four of the Nation's major river systems have headwaters in the mountains of the southwest. The South Platte River of the Missouri River system drains the eastern slope of the northern slope of the northern Colorado; the Arkansas River and its tributary Canadian River, drain southeastern Colorado and northeastern New Mexico; the Rio Grande and its tributary Pecos River drain south-central Colorado and central New Mexico; and the Colorado River and its tributaries drain Arizona, eastern Utah, northwestern New Mexico, and western Colorado.

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New Mexico has two major aquifers. The Rio Grande aquifer system of southern Colorado and central New Mexico and the High Plains aquifer of eastern Colorado and eastern New Mexico.



During the Buck Mountain Fire this summer in the mountains around Ruidoso, the Village fell under United States Environment Protection Administration regulations regarding water runoff. Water was contaminated by ash collected in the runoff. The Village had to relocate water collection and diversion points in order to dilute contamination of the existing water supply by the ash. It involved laying five miles of new pipe to create a new collection system. This issue affected Ruidoso, Ruidoso Downs, Alamogordo and some smaller communities. Some collection lakes will be

unusable for up to ten years from the date of the fire. There were no response plans in place that took into account this impact from the fires. Future plans will address this critical issue to the communities in the area.

Prior to the fire, there was no mapping of existing infrastructure in the surrounding forests. The extent of damage created by the wide-spread fire to utility poles and lines, pipelines, communication and cell towers was unknown until the site was physically visited after the fire. This delayed the recovery time for services in the communities affected by the fires.

A supervisory control and data acquisition (SCADA) system has been started to create a database of infrastructure within the surrounding areas. It will incorporate a cell phone based communication system with multiple towers. The system will also monitor water collection and diversion sites. A GPS database with latitude and longitude locations for utilities, towers, and pipelines will be included in the system. Future fires will be tracked as to their relative location in relationship to infrastructure.

Holloman Air Force Base suffered from the fires in the mountains in Ruidoso as well. One of their water supply sources, Lake Bonito, was surrounded by fire and as a consequence is contaminated by ash runoff and usable for up to ten years. To adjust for the loss of this water supply, they have had to start using their own wells more.

In order to ensure the supply of water to the Base, they also created a backup power generation source for their wells that is mounted on a trailer so that it can be used anywhere on base.

Waste Water Treatment Facilities

These facilities require significant energy resources. It is as critical as water distribution. In addition to the energy used and required with water pumping and distribution, treatment and effluent discharge is also a major energy consumer. Federal, state and local regulations govern the release of effluent discharge. Energy assurance is critical in the protection and welfare of appropriate environmental discharge of waste water.

It is a possible for a sewage treatment facility to lose power and its ability to treat waste water, but not lose power to the water distribution system. Untreated waste water cannot be discharged and would require on-site storage until power is restored. On site storage is limited. Should a Treatment Plant be without power for an extended period, it would be necessary to stop water distribution throughout the community. Obviously, this would be a serious situation placing the health and welfare of the citizens in jeopardy. Providing water to consumers with no place to treat the effluent would create an unlawful situation and waste water would be illegally discharged. Without the treatment facility on line, a community could not dispose of waste water without regulation violation and significant environmental consequences.

History of Albuquerque's Waste Water Treatment Facility



Much has changed in Albuquerque since the first sewers were installed in the late 1800s. Technically, the basic concept of a water-carried waste system is still the same. Water flowing by gravity is used to get wastes out of the house and then out of town. The thing that has changed is what is done with the wastewater after it reaches the edge of town. In other words, how it is treated and why.

Wastewater collection and treatment developed in the City of Albuquerque much as it did in the rest of the United States.

The first sewers were installed in 1891 and carried sewage untreated to the Rio Grande. Having accomplished that and the public health benefit of separating people from open waste in town, the next step was reducing public health threats to those downstream.



Sewage treatment began in 1907 in Albuquerque. Its purpose was still sewage disposal, but in a manner that expanded public health protection. The theme continued through the 1960s in a series of improvements to the first sewage treatment plant at 2nd and

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Anderson Streets and the construction of the water reclamation plant at 2nd Street and Rio Bravo.

During this period, a great deal of dependence was placed on the ability of the Rio Grande river to assimilate the wastes put into it and to cleanse itself. The ability was not without limit, and as populations grew in New Mexico and the rest of the country, rivers could no longer accept the burden.

In the early 1970s, a new objective was added: environmental protection. Strict regulations were developed that went beyond protection of public health to protection of the environment. Treatment facilities were improved to meet these regulations, and the concept of disposal began to change.

The earliest efforts to recover something from Albuquerque waste rather than just throwing it away involved the use of methane gas produced by the treatment process to create heat and electricity. This concept has grown to the point that in the near future, essentially all of the waste removed will be put to beneficial reuse.

In addition to reclaiming the waste itself, water that would otherwise be discharged to the river is being recycled at the plant and used for purposes not requiring drinking water quality. In the process, literally hundreds of millions of gallons of drinking water is saved. This concept will be expanded in the future to include irrigation of turf areas outside of the plant, such as parks and golf courses.

The plan will address change. Services were once limited to city residences. Today, approximately 15% of residential customers live outside of the city limits, and these connections are increasing faster than those within the city. Industrial flow is growing at about the same rate as total flow. The biggest changes are expected to come in the increasing strength of incoming wastewater as both residents and businesses conserve water and in the reuse of the wastewater after treatment

Albuquerque Bernalillo County Waste Water Utility Authority (ABCWUA), On-site Power Generation.



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The Plant Operations Division uses the methane gas produced by the wastewater treatment process to generate the electricity and heat needed to operate portions of the operations. Using cogeneration" ABCWUA generates about 25 percent of its own power needs. It would cost an additional \$70,000 a month to buy this energy at current prices. This on-site cogeneration capability could provide limited waste water treatment during an unscheduled energy outage.

In addition, both the waste water treatment facility and the water operations have back-up feeder distribution ties to the local electricity utility. If a substation electrical feeder would fail other designed feeders would come on-line to provide service. However, this back-up is limited in its capability. Should a major outage regarding a Switching Station or major transmission line fail, substation back-up feeders would be useless.

Recently adopted legislation allows water utilities to invest in their own renewable energy systems. Previously, all government operations would buy renewable energy directly from the providing energy utilities. The new law creates incentives by exempting government operating agencies to pay procurement charges to the local energy provider.

Government agencies will spend 2.5 percent of their annual electricity charges to reinvest in their own renewable energy systems. The Albuquerque Bernalillo County Water Utility Authority spends approximately \$10 million annually on electricity power. A portion of this expense can now be used to reinvest in the existing biogas power plant at the Waste Water Treatment Facility. The ABCWUA biogas plant runs on methane gas collected from sewage. This cogeneration project produces about 25 percent of the Treatment facility's energy use. Even with the cogeneration project ABCWUA consumes about 160 million kilowatt-hours of electricity annually. The ABCWUA consumes energy equal to what approximately 21,000 average residential homes in Albuquerque annually.

Resources:

U.S. Geological Survey
Albuquerque/Bernalillo County Water Utility Authority Web Site
Albuquerque/Bernalillo County water Utility Authority staff
Albuquerque Journal
The Farmington Daily Times
KRQE Television
World Book
New Mexico Homeland Security

COMMUNICATIONS

During emergencies, the importance of our country's communications systems becomes clear. These communications systems include the wire line and wireless telephone networks, broadcast and cable television, radio, Public Safety Land Mobile Radio, satellite systems, and increasingly the Internet. For example, in an emergency, we may dial 911, call our family members to make sure they are safe, and turn on our televisions and radios to get breaking news and important updates. Although our communications systems are among the world's most extensive and dependable, unusual conditions can put a strain on them. During the time of an energy outage, many of the standard forms of communication will not be available; i.e., no radio, television, telephone or cell service.

Since September 11, 2001, and Hurricane Katrina, the Federal Communications Commission (FCC) has taken important steps to ensure that 911 services and other critical communications remain operational when disasters strike. For example, in response to recommendations of an independent panel reviewing the impact of Hurricane Katrina, the FCC's Public Safety and Homeland Security Bureau (PSHSB) is working on several fronts to improve communications during emergencies, including streamlining collection of outage information during times of crisis through the Disaster Information Reporting System, helping ensure that communications workers receive "essential personnel" credentials during emergencies, working with other federal agencies to improve interoperability among first responders, and promoting use of enhanced 911 best practices.

SOCIAL MEDIA

In May 2012, NM Governor Martinez and state forestry officials unveiled a new statewide email notification system for alerting residents of potential dangers from wildfires. The NM State Forestry Division already sends out fire notifications through its Twitter account and Facebook page, but officials expect more NM residents to be reached through the email system recently put in place.

Emergency Communications Components

There are three main components to emergency communications:

1. 911 call processing and delivery through Public Safety Answering Points (PSAP) and call dispatch;
2. The Emergency Alert System; and
3. Radio and/or broadcast or cable television station news and updates.

All of these components must operate effectively in order to achieve a successful

response to an emergency. Power disruptions or outages cause significant communication issues.

911 CALLS (WIRE LINE OR LANDLINE)

Emergency personnel and others often learn about emergencies through 911 calls. The 911 network is a vital part of our nation's emergency response and disaster preparedness system. This network is constantly being upgraded to provide emergency help more quickly and effectively. Dialing 911 quickly connects you to a Public Safety Answering Point (PSAP) dispatcher trained to route your call to local emergency medical, fire, and law enforcement agencies. At the PSAP, the dispatcher verifies the caller's location, determines the nature of the emergency, and decides which emergency response teams should be notified.

Most traditional wire line 911 systems automatically report to the PSAP the telephone number and location of calls, a capability called "Enhanced 911" or "E911." With this information, PSAP staff is able to call back if the 911 call is disconnected, and also know where to send emergency services personnel. E911 service from wire line phones is available in most parts of the country.

Wireless 911 Calls

The mobility of wireless telephone service makes determining a wireless 911 caller's location more complicated than determining a traditional wire line 911 caller's location, where numbers are associated with a fixed address. In order to enhance the ability of emergency personnel to respond efficiently and effectively to callers placing wireless 911 calls, the FCC has taken a number of steps to ensure that wireless service providers make location information automatically available to PSAPs.

The FCC's basic 911 rules require wireless service providers to transmit all 911 calls to a PSAP, regardless of whether the caller subscribes to the provider's service or not.

Phase I Enhanced 911 (E911) rules require wireless service providers to provide the PSAP with the telephone number of the originator of a wireless 911 call and the location of the cell site or base station transmitting the call.

Phase II E911 rules require wireless service providers to provide more precise location information to PSAPs; specifically, the latitude and longitude of the caller. This information must be accurate to within 50 to 300 meters depending upon the type of location technology used.

The FCC recently required wireless carriers to provide more precise location information to PSAPs. As a result, wireless carriers will be required to comply with the FCC's location accuracy rules at either a county-based or PSAP-based geographic level. The new standards apply to outdoor measurements only, as indoor use poses unique obstacles.

VOICE OVER INTERNET PROTOCOL (VOIP) AND 911

Some VoIP services allow you to make and receive calls to and from regular phone numbers, usually using an Internet connection. This type of VoIP service is called an “interconnected VoIP” service, whether the service is one that can only be used at a fixed location, such as a residence, or one that can be used wherever the user travels as long as a broadband Internet connection is available.

Since 2005, the FCC has required interconnected VoIP providers automatically to provide 911 service to all customers as a standard, mandatory feature without customers having specifically to request this service. VoIP providers may not allow their customers to “opt-out” of 911 service.

Before an interconnected VoIP service provider may activate a new customer’s service, the provider must obtain from the customer the physical location where the service will first be used so that emergency services personnel will be able to locate VoIP callers who dial 911. Interconnected VoIP providers must also provide ways for all customers to update the physical location they have registered with the provider, if it changes.

- Interconnected VoIP providers must transmit all 911 calls, as well as a callback number and the caller’s registered physical location, to the PSAP over the 911 network.
- All providers must specifically advise new and existing customers of the circumstances under which 911 service may not be available through the interconnected VoIP service or may in some way be limited in comparison to traditional 911 service. They must distribute labels to all customers warning them if 911 service may be limited or not available and instructing them to place the labels on and/or near the equipment used in conjunction with the interconnected VoIP service.
- Interconnected VoIP providers must obtain affirmative acknowledgement from all existing customers that they are aware of and understand any limitations of their 911 service.

911 CALLING FOR PERSONS WITH SPEECH OR HEARING DISABILITIES

Text telephone devices (TTYs) allow persons with speech or hearing disabilities to send and receive text messages over telephone networks. Wireless service providers have made technological changes to their networks to provide TTY compatibility for digital wireless calls for consumers with TTY-compatible hand-sets. In certain locations, however, TTY users may not be able to complete 911 calls using these newly available digital wireless services. In the meantime, TTY users should consider alternatives for placing an emergency 911 call, such as wireline phone service, analog wireless service, or Telecommunications Relay Service.

To further improve emergency call handling for persons with speech or hearing disabilities, the FCC now requires Video Relay Service (VRS) and Internet Protocol (IP)

Relay service providers to provide regular ten-digit telephone numbers to their subscribers so that subscribers' emergency calls, along with the ten-digit number and location information, automatically route to the appropriate PSAP. VRS and IP Relay providers must inform their subscribers of these new procedures and the need to keep location information updated.

Reverse 911 Call System

Reverse 911 can be used for many situations to include:

- Emergency Evacuations
- Missing Person Alerts
- Natural Disaster Alerts
- Hazardous Material Leaks
- Crime Alerts and Prevention Information
- Neighborhood Emergency Situations
- Homeland Security Alerts

Reverse 911 Issues:

- The telephone number database contains only the telephone numbers listed in the White Pages. As a result, unless manually added to the database, Reverse 911 will not notify people with unlisted numbers or cell phones.
- Not all cities or counties have this capability.
- Cell phone numbers are not included in most reverse 911 systems. Cell phone numbers can be manually entered into the system either as part of a notification list or linked to a specific address. If linked to a specific address, the location of the cell phone number becomes essentially fixed to that location. This could lead to the situation of a cell phone being notified when the user is mobile and well out of the affected area. Or conversely, the situation where the user is mobile, is in the affected area, but is not notified because the fixed location of the number is in an unaffected area.
- Reverse 911 is very effective for making notifications within a well-defined geographic area. Due to the outgoing call capacity of the system, the system becomes less effective as the geographic area gets larger. Recognizing that no single application can provide warning to all citizens in all situations

EMERGENCY ALERT SYSTEM

In the event of an emergency, many people rely on radio and television to receive updates on what is happening and what to do.

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The Emergency Alert System (EAS) is a national public warning system that requires TV and radio broadcasters, cable television systems, wireless cable systems, satellite digital audio radio service (SDARS) providers, direct broadcast satellite (DBS) service providers, and wireline video service providers to offer to the President the communications capability to address the American public during a national emergency. The system also may be used by state and local authorities to deliver important emergency information such as AMBER (missing children) alerts and emergency weather information targeted to a specific area.

The FCC, in conjunction with the Federal Emergency Management Agency (FEMA) and the National Oceanic and Atmospheric Administration's National Weather Service (NWS), implement the EAS at the national level. Only the President determines when the EAS will be activated at the national level, and has delegated the administration of this function to FEMA.

Exception: If your local television, radio tower or studio is damaged during a natural disaster like a tornado, you might not receive emergency alerts. EAS was designed, however, so that if one link in the dissemination of alert information is broken, the public has multiple alternate sources of warning.

Commercial Mobile Alert System (CMAS)

The FCC has established the CMAS to allow wireless service providers choosing to participate to send emergency alerts to their subscribers. During 2007 and 2008, the FCC proposed and then adopted the architecture and framework requirements, the technical requirements, and operating procedures for the CMAS.

While much work has been done, the exact date that CMAS will become operational depends on many factors, and is still probably at least two years in the future. Most major wireless service providers have told the FCC they will participate, although some have indicated they may not be able to provide alerts to all customers immediately after CMAS starts operation. Additional smaller providers may decide to participate later when all technical issues are resolved and they can better determine their costs.

Emergency Information Accessibility of Emergency Information for Persons with Visual or Hearing Disabilities

The FCC requires broadcasters, cable operators, and satellite TV providers to make local emergency information accessible to persons who are deaf or hard of hearing, and to persons who are blind or have visual disabilities. Thus, emergency information must be provided both aurally and in a visual format.

In the case of persons who are deaf or hard of hearing, emergency information that is provided in the audio portion of programming must be provided either using closed captioning or other methods of visual presentation, such as open captioning, crawls, or scrolls that appear on the screen. In the case of persons with vision difficulties,

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emergency information that is provided in the video portion of a regularly scheduled newscast or a newscast that interrupts regular programming must be made accessible. This requires the aural description of emergency information in the main audio.

If the programmer provides the emergency information through “crawling” or “scrolling” during regular programming, this information must be accompanied by an aural tone.

If an emergency affects the broadcast station or non-broadcast network or distributor, it may be impossible for that broadcaster, network, or distributor to provide accessible emergency information.

Network or Power Outages

The FCC has established the Disaster Information Reporting System (DIRS) to allow wireless, wire line, broadcast, and cable providers voluntarily to report on the status of their infrastructure and operations during times of crisis. This information is not made public, but allows the FCC to monitor and evaluate communications services during a crisis. DIRS supplements the Network Outage Reporting System (NORS). Through NORS, the FCC requires wireless, wire line, cable, and satellite companies providing voice and paging services to report significant disruptions or outages to their networks, and disruptions affecting 911 facilities or airports. Again the data is not made public, but allows the FCC to monitor and evaluate disruptions and outages.

If there is a power outage during an emergency, your wire line phone, wireless device, or VoIP service may not work unless you have a back-up power supply. If you suffer only an electrical power outage, you should still be able to use a traditional wire line (but not cordless) telephone, because electrical and telephone transmissions use different circuits or wires and telephone company facilities have back-up power available. If you keep the battery on your wireless phone or other device fully charged, these devices should also continue working during a power outage if the receiving towers have power.

Note that because wireless networks may be congested during an emergency, sending a text message may work better than placing a voice call. Finally, unless you have a battery-operated TV or radio, these devices will not work during a power outage.

911 call centers or PSAPs currently lack the technical capability to receive texts, photos, and video.

EMERGENCY PREPAREDNESS AND CRISIS INFORMATION

For additional information on communicating during emergencies and helpful tips on emergency preparedness, visit the Web site of the FCC’s Public Safety and Homeland Security Bureau at www.fcc.gov/pshs. You may also want to visit the Web sites of these other federal government emergency organizations:

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The Federal Emergency Management Agency (FEMA), www.fema.gov, is responsible for responding to national disasters and helping state and local governments and individuals prepare for emergencies.

The Department of Homeland Security (DHS), www.dhs.gov/index.shtm, is responsible for preventing terrorist attacks within the United States and reducing America's vulnerability to terrorism. DHS established the Homeland Security Advisory System (HSAS), which rates terrorist threats to federal, state, and local authorities and the public utilizing a system of color codes. Currently, a new alert system is being implemented. The National Terrorism Advisory System (NTAS) effectively communicates information about terrorist threats by providing timely, detailed information to the public, government agencies, first responders, airports and other transportation hubs, and the private sector.

VHF/UHF NARROW BANDING INFORMATION

On January 1, 2013, all public safety and business industrial land mobile radio systems operating in the 150-512 MHz radio bands were required to cease operating using 25 kHz efficiency technology, and begin operating using at least 12.5 kHz efficiency technology. This deadline was the result of an FCC effort that began almost two decades ago to ensure more efficient use of the spectrum and greater spectrum access for public safety and non-public safety users. Migration to 12.5 kHz efficiency technology (once referred to as Refarming, but now referred to as Narrowbanding) will allow the creation of additional channel capacity within the same radio spectrum, and support more users.

As of January 1, 2011, the Commission no longer accepts applications for new wideband 25 kHz operations, or modification of existing wideband 25 kHz stations that expand the authorized interference contour.

After January 1, 2013, licensees not operating at 12.5 kHz efficiency are in violation of the Commission's rules and could be subject to FCC enforcement action, which may include admonishment, monetary fines, or loss of license.

Equipment manufacturers should be aware that, as of January 1, 2011, the Commission no longer accepts applications to certify 150-174 MHz or 421-512 MHz band equipment capable of operating with only one voice path per 25 kHz of spectrum.

PUBLIC SAFETY 700 MHZ BAND ALLOCATION

In response to calls from public safety officials and threats of Congressional action, on December 31, 1997 the Federal Communications Commission (FCC) assigned an additional 24 MHz of spectrum in the 700 MHz band exclusively to public safety. Now,

the frequencies are still not generally available to public safety, since they continue to be blocked by TV broadcasters in most metro areas.

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At the time of the FCC's action, the frequencies were assigned to the UHF-TV service, and in most major metro areas the frequencies were actually in-use by broadcasters. Coincidentally, when the FCC allocated the spectrum to public safety, work was underway on the long and complex process of converting the nation's TV broadcasters from analog to digital transmissions. As part of this effort, the FCC used the UHF band to "park" stations while they moved from lower-band frequencies. The step-by-step, analog-to-digital process was anticipated to conclude around 2006, when the FCC anticipated that 85% of TV viewers would have purchased digital-capable sets.

In fact, the FCC made the 2006 deadline contingent upon 85% of consumers converting to digital sets.

By 2004 it was obvious that the sales and conversion rate for digital TV sets was going slowly. Although cable viewers composed 85% of the TV audience, broadcasters told Congress they didn't want to make a forced move to digital, leaving 17 million to 21 million persons with no capability to view their over-the-air programming--and their advertising. Several Senators introduced bills, including one that prohibited the FCC from delaying the transition process, and others to make 2006 a "hard" deadline. But with very effective lobbying, debate continued through 2005. Broadcasters proposed that Congress fund subsidies for low-income families to purchase digital converters for their analog sets.

All the while, the Association for Public-Safety Communications Officials (APCO) and other public safety groups advocated a quicker transition to digital, thereby freeing up the 700 MHz band allocation sooner.

Finally, in August 2005 the National Association of Broadcasters told Congress they would not object to federal regulations requiring a firm conversion deadline in 2009, seemingly ending the long debate.

In the meantime, a very few areas of the country were able to use the 700 MHz band allocation. However, the agencies that needed it most, those in congested metro areas, were the very same areas where UHF stations were still operating in the band.

In early 2008 the FCC began a public education program to move consumers to digital TVs, or to buy converters for their analog TV sets. In the meantime, public safety agencies are waiting for the UHF band to be freed up. It's not clear exactly how many agencies will eventually jump into the FCC's 25 MHz allotment once it becomes available.

The conversion to digital TV occurred in July 2009, and two weeks later 21 regions of the country begin applying for the new 700 MHz frequencies for public safety use. Several regions must complete band plans and funding issues before applying.

700MHz for New Mexico

Many communities are proposing 700 MHz band widths for emergency communications. Funding is limited for this effort and no timetable for total implementation is available.

Wildfire Alert email notification

The state Forestry Division offers an email system to notify individuals of wildfire alerts. Residents can sign up for immediate alerts at:

<http://www.emnrd.state.nm.us/FD/index.htm>

AMATEUR RADIO EMERGENCY COMMUNICATIONS



Solar-powered Amateur Radio Station in tents. Note the portable VHF/UHF satellite and HF antennas in the background

In times of crisis and natural disasters, amateur radio is often used as a means of emergency communication when wire line, cell phones and other conventional means of communications fail.

Unlike commercial systems, amateur radio is not as dependent on terrestrial facilities that can fail. It is dispersed throughout a community without "choke points" such as cellular telephone sites that can be overloaded.

Amateur radio operators are experienced in improvising antennas and power sources and most equipment today can be powered by an automobile battery. Annual "Field Days" are held in many countries to practice these emergency improvisational skills. Amateur radio operators can use hundreds of frequencies and can quickly establish networks tying disparate agencies together to enhance interoperability.

Recent examples include the September 11 attacks on the World Trade Center in Manhattan in 2001, the 2003 North America blackout and Hurricane Katrina in September 2005, where amateur radio was used to coordinate disaster relief activities when other systems failed.

On September 2, 2004, ham radio was used to inform weather forecasters with information on Hurricane Frances from the Bahamas. On December 26, 2004, an earthquake and resulting tsunami across the Indian Ocean wiped out all communications with the Andaman Islands, except for a DX-repedition that provided a means to coordinate relief efforts. Recently, Amateur Radio operators in the People's Republic of China provided emergency communications after the 2008 Sichuan earthquake and U.S. hams did similar work following Hurricane Ike.

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The largest disaster response by U.S. amateur radio operators was during Hurricane Katrina, which first made landfall as a Category 1 hurricane, went through Miami Florida on August 25 2005 eventually strengthening to Category 5. More than a thousand ham operators from all over the U.S. converged on the Gulf Coast in an effort to provide emergency communications assistance. Subsequent Congressional hearings highlighted the Amateur Radio response as one of the few examples of what went right in the disaster relief effort

In the United States, there are two major methods of organizing amateur radio emergency communications: the Amateur Radio Emergency Service (ARES), an organization of amateur operators sponsored by the American Radio Relay League (ARRL); and the Radio Amateur Civil Emergency Service (RACES), a standby replacement radio service regulated by the Federal Communications Commission. Operations under the RACES rules requires preregistration with a local civil defense organization, to allow continued operation under Part 97.407^[2] of the FCC regulations in the event the Amateur Radio Service is ever shut down by presidential order. Thus ARES and RACES involvement within the same area are usually intertwined, with many governments requiring membership and service in that locale's ARES organization to allow operations within the Amateur Radio Service as well. Many government Emergency Operations Centers, Red Cross Chapters and National Weather Service facilities have permanent Amateur Radio stations installed for such operations.

Radio clubs independent of the ARRL and ARES also participate in emergency communications activities in some areas, and some non-radio organizations have their own amateur arm. The Department of Defense sponsors the Military Auxiliary Radio System (MARS) program which utilizes Amateur Radio operators for emergency communication using military radio frequencies. The National Weather Service Skywarn weather-spotter program has a strong amateur radio contingent. Amateurs dedicated to the Salvation Army are organized under their Salvation Army Team Emergency Radio Network program.

Emergency communications and disaster assistance is usually done in conjunction with volunteer disaster relief organizations such as the American Red Cross, the Salvation Army, local government emergency management agencies, as well as volunteer fire departments and ambulance corps.

The ARRL has memoranda of understanding with numerous agencies expected to receive services^[3], including the American Red Cross and Salvation Army and is a partner in the Citizen Corps program of the Federal Emergency Management Agency (FEMA). The ARRL also is a member of the National Voluntary Organizations Active in Disaster (NVOAD) and conducts emergency communications certification courses for interested Amateur Radio operators.

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NEW MEXICO AMATEUR RADIO

- [The New Mexico Swapnet](#) - The Land of Enchantment's only net dedicated to the buying and selling of Ham Radio equipment. Heard across New Mexico and parts of TX, OK, CO, UT and AZ.
- [ARRL Rocky Mountain Division](#) - Stay informed with the latest happenings around the Division, which is composed of the New Mexico, Colorado, Utah and Wyoming sections.
- [ARRL New Mexico Section](#) - Get the latest Amateur Radio news and bulletins right here.
- [New Mexico VE exams \(ARRL\)](#) and [New Mexico VE exams \(W5YI\)](#) - Studying for your first license or an upgrade? Search for an Amateur Radio VE exam session or examiner near you!
- [New Mexico packet radio activity](#) - If you use packet radio, own a bulletin board system, digital repeater or node, or are interested in packet in New Mexico, please click here.
- [New Mexico weak signal information](#) - Nets and other information regarding VHF and UHF weak signal operation in across the state.
- [New Mexico microwave activity & links](#) - There is some sporadic, but very neat, microwave activity happening in the Albuquerque area and elsewhere in the state...join us!
- [Alamogordo Amateur Radio Club](#)
- [Albuquerque Amateur Radio Caravan Club](#)
- [Albuquerque Amateur Radio Club](#)
- [Albuquerque DX Association](#)
- [Albuquerque National Weather Service SKYWARN Homepage](#)
- [Albuquerque Transmitter Hunting Homepage](#) - Albuquerque has an active transmitter hunting group, and all Hams are welcomed to experience one of ham radio's coolest activities. Tons of information, plus many links!
- [Amateur Television Network, New Mexico Chapter](#)
- [Bernalillo County ARES](#) - Serving communities including Albuquerque, NM.
- [Deming Amateur Radio Club](#)
- [Eastern New Mexico Amateur Radio Club](#) - Serving the Clovis and Portales, NM area.
- [Estancia Valley Amateur Radio Club](#) - Serving Torrance County, and the east mountains of Bernalillo County.
- [Gila Amateur Radio Society](#) - Serving the Silver City, NM area.
- [Greyhound Amateur Radio Club](#) - Serving the Eastern NM University and Portales, NM area.
- [High Desert Amateur Radio Club](#) - Serving the Albuquerque and Sandoval County areas.
- [Los Alamos Amateur Radio Club](#)

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- [Mesilla Valley Amateur Radio Club](#) - Serving the Las Cruces, NM area.
- [New Mexico Baptist Amateur Radio Club](#) - Based in Albuquerque; provides disaster relief for NM and beyond.
- [New Mexico Frequency Coordination Committee](#) - Coordinate your repeater(s) here.
- [New Mexico SAR Support](#) - Volunteers who save lives. All of them are Amateur Radio operators.
- [Northern New Mexico Amateur Radio Club](#)
- [Pecos Valley Amateur Radio Club](#) - Serving the Roswell, NM area.
- [Sandoval County ARES/RACES](#) - Serving Rio Rancho, NM and surrounding communities.
- [Sierra Blanca Amateur Radio Club](#) - Serving Ruidoso, NM and surrounding communities.
- [Santa Fe Amateur Radio Club](#)
- [Socorro Amateur Radio Association](#)
- [Southwest Antennas and Accessories](#) - New Mexico's very own Ham dealer!
- [Tech Amateur Radio Association](#) - New Mexico Tech's active ham club serving the Socorro, NM area.
- [Upper Rio FM Society, Inc.](#) - This excellent club has ~650 members across New Mexico, and operates perhaps the best VHF/UHF repeater and APRS systems in the United States.
- [Valencia County Amateur Radio Association](#) - Serving the Belen, Los Lunas and Bosque Farms, NM area.
- [W5 QSL Bureau](#) - Check to see if you have a Query Station Location (QSL) card waiting from that rare direct exchange (DX) station you worked!
- [GPS Links / Waypoint Databases](#) - Links to very informative ground positioning system websites, and waypoint databases for New Mexico and beyond.

SOURCE DOCUMENTS:

- National Public Safety Telecommunications Council (NPSTC) [Web site](#) that includes a pre-coordination database of frequencies and other valuable information.
- August 2001 FCC denied a petition for clarification from APCO on the issue of guard band management..
- Mid-February 2001 the FCC alerted state governments of their option to license frequencies from a 2.4 MHz slice of the 24 MHz allocation made to public safety in the 700 MHz band in Dec. 1997. These geographic-level licenses are designed to promote, "wide-area multi-agency trunked public safety radio systems." Frequencies not reserved by the states revert to the "general use" public safety pool.
- January 2001 FCC 4th Report & Order covered interoperability standards for the band, and issued another Notice asking for comment on other technical issues.

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- The federal Office of Spectrum Management has full information on frequency allocations, including charts and links.
- FCC Fourth Notice of Proposed Rulemaking on the matter. 8-11-2006
- FCC list of comments on 700 MHz proposals by Cyren Call, Frontline Wireless, etc.
- Wikipedia

TERRORISM AND ENERGY ASSURANCE

For years, the United States law enforcement agencies have had significant concerns regarding a major terrorism attack on energy production or energy delivery systems within U.S. borders. These concerns also include production and delivery systems in Canada and Mexico that provide energy, natural gas and petroleum to parts of the United States. New Mexico being a natural gas and oil producing state must address in greater degree potential terrorist threats against our energy (and water) production and distribution infrastructure.

The FBI divides terrorist-related activity into three categories:

- A terrorist incident is a violent act or an act dangerous to human life, in violation of the criminal laws of the United States, or of any state, to intimidate or coerce a government, the civilian population, or any segment thereof, in furtherance of political or social objectives.
- A suspected terrorist incident is a potential act of terrorism for which responsibility cannot be attributed to a known or suspected group. Assessment of the circumstances surrounding the act determines its inclusion in this category.
- A terrorism prevention is a documented instance in which a violent act by a known or suspected terrorist group or individual with the means and a proven propensity for violence is successfully interdicted through investigative activity.

THE MATERIAL THREATS

There are four generally accepted categories of weapons of mass destruction (WMD) that terrorists may seek to acquire and use in a WMD terrorist attack: chemical, biological, radiological, and nuclear (CBRN). Cyber terrorism may be included in this category in the future.

Chemical

Chemical weapons represent a potentially dangerous tool in the hands of terrorists. Effectively dispersed and in sufficient dosages, chemical agents could cause mass casualties, as was demonstrated by the use of chemical weapons during World War I and more recently during the Iran-Iraq war. Today's chemical terrorism threat ranges from the potential acquisition and use of chemical warfare agents and military delivery systems, to the production and use of toxic industrial chemicals and improvised dissemination systems, such as those used in the 1995 attack conducted by Aum Shinrikyo in the Tokyo subway system. Perpetrators of that attack used sharpened umbrellas to puncture plastic bags filled with the nerve agent sarin causing the sarin to spill out and evaporate – killing twelve and injuring thousands. Terrorists also have

sought to acquire and use commercially-available materials, such as poisons and toxic industrial chemicals. The growth and sophistication of the worldwide chemical industry, including the development of complex synthetic and dual-use materials, may make the task of preventing and protecting against this threat more difficult. Preventing chemical terrorism is particularly challenging as terrorists can, with relative ease, use toxic industrial chemicals and other commonly available chemical agents and materials as low-cost alternatives to traditional chemical weapons and delivery systems, though likely with more limited effects.

Biological

Bioterrorism, another deadly threat, is the deliberate dispersal of pathogens through food, air, water, or living organisms to cause disease. The Commission on the Prevention of WMD Proliferation and Terrorism concluded that it is more likely that terrorists would be able to acquire and use biological agents than nuclear weapons due to the difficulty in controlling the proliferation of biotechnologies and biological agent information. If properly produced and released, biological agents can kill on a massive scale and, if terrorists use a pathogen that can be transmitted from person to person, the disease could quickly spread across oceans and continents through air travel before authorities realize their nations have been attacked.

Developing a bioterrorism capability presents some scientific and operational challenges. However, the necessary technical capabilities are not beyond the expertise of motivated scientists with university-level training. Unlike most other types of CBRN threats, the materials required to produce a biological weapon are available in laboratories worldwide, and many threat agents could be isolated from nature. International laboratories are often not safeguarded and secured up to preferred U.S. standards, making access to dual-use equipment and potentially dangerous pathogens possibly more accessible. Even the use of a badly-designed weapon can have a limited health impact but cause significant disruptions. A small-scale bioterrorism attack such as the 2001 anthrax attacks in the United States, which resulted in five Americans killed and an additional 17 individuals infected, had a substantial economic impact with the costs of decontamination, medical treatment for those exposed, decreased commercial activity, social distress, and lost productivity. The terrorists can often meet their objective of creating disruption and fear without causing large numbers of casualties.

Among present-day terrorist organizations, al-Qa'ida (AQ) is believed to have made the greatest effort to acquire and develop a bioterrorism program. U.S. forces discovered a partially built biological weapons laboratory near Kandahar after expelling the Taliban from Afghanistan. Although it was not conclusive that AQ succeeded in producing a biological weapon, the discovery demonstrated a concerted effort to acquire a biological weapons capability.

Radiological

Some terrorists seek to acquire radioactive materials for use in a radiological dispersal

device (RDD) or "dirty bomb." Radioactive materials are used widely in industrial, medical, and research applications and include devices used for power supply in remote locations, cancer therapy, food and blood irradiation, and radiography. Their widespread use in nearly every country makes these materials much more accessible than the fissile materials required for nuclear weapons. Most radioactive materials lack sufficient strength to present a significant public health risk once dispersed, while the materials posing the greatest hazard would require terrorists to have the expertise to handle them without exposure to incapacitating doses of radiation or detection during transit across international borders. Public panic and economic disruption caused by setting off an explosive radiological dispersal device, however, could be substantial, even if a weak radioactive source is used.

Nuclear

Some terrorist organizations, such as al-Qa'ida, have openly stated their desire to acquire nuclear weapons. The diffusion of scientific and technical information regarding the assembly of nuclear weapons, some of which is now available on the Internet, has increased the risk that a terrorist organization in possession of sufficient fissile material could develop its own crude nuclear weapon. The complete production of a nuclear weapon strongly depends on the terrorist group's access to special nuclear materials as well as engineering and scientific expertise. Certainly with recent nuclear proliferates among less stable countries, such as North Korea, the number of potential sources of an unsecured nuclear weapon or materials is challenging world-wide efforts to control and account for nuclear materials. Terrorists may, however, seek to link up with a variety of facilitators to develop their own nuclear capability. These facilitators include black market proliferators or transnational criminal networks that may seek to profit from the sale of nuclear material, a weaponized device, or technical knowledge gathered from nuclear experts currently or formerly involved in a national nuclear program.

An electromagnetic pulse (EMP) attack represents one of the greatest threats imaginable—to the United States and the world. An EMP occurs when a nuclear device is detonated high in the atmosphere—a phenomenon of which America's enemies are well aware. The electromagnetic discharge can permanently disable the electrical systems that run nearly all civilian and military infrastructures. A massive EMP attack on the United States would produce almost unimaginable devastation. Communications would collapse, transportation would halt, and electrical power would simply be non-existent. Not even a global humanitarian effort would be enough to keep hundreds of millions of Americans from death by starvation, exposure, or lack of medicine. Nor would the catastrophe stop at U.S. borders. Most of Canada would be devastated as well as its infrastructure is integrated with the U.S. power grid.

Dual-Use Materials, Equipment, Research, and Technologies of Concern

Reducing the risk of terrorist acquisition of, access to, and use of dual-use materials, equipment, research, and technologies remains a critical challenge. Terrorists have

shown an interest in taking advantage of this trend when developing improvised devices. This challenge has only been compounded by the diffusion of dual-use information on the Internet and in academic venues. Attacks in Iraq in 2006 and 2007 involving improvised devices using chlorine cylinders, a dual-use chemical used in *water treatment facilities*, offered a notable example.

The United States maintains dual-use export controls based on its multilateral commitments in the export control regimes, but also maintains unilateral controls on a wide range of dual-use items predominantly for antiterrorism reasons. Effective partnerships with private sector organizations, industry, academia, and the scientific research community, as well as with local governments, will play an important role in mitigating the risk of dual-use capabilities falling into the wrong hands. Implementing the use of substitute materials in technologies is one way to limit the spread of sensitive materials around the world. For example, recent technological developments allow the use of low enriched uranium as a substitute for highly enriched uranium for production of the medical isotope Mo99.

In this era of commercial globalization, control of exports is not limited to national borders, but also extends to U.S. research universities, laboratories, and industry. The reduced domestic pool of qualified scientists and engineers has driven many U.S. companies, universities and laboratories to recruit foreign nationals in order to remain competitive. The employment of talented foreign science and engineering staff or students carries the risk of WMD technology transfers by way of *deemed exports*. A deemed export is the release of information pertaining to the design and manufacturing of dual-use technology or source code to a foreign national within the confines of the United States borders. In accordance with the Export Administration Regulations, several United State Government departments and agencies support a national effort to better control foreign access to sensitive dual-use technologies to prevent unauthorized transfers.

Nature of the Threat

The FBI divides the terrorist threat facing the United States into two broad categories; Domestic and International.

Within these categories, the FBI further divides the threat according to the orientation of the groups or individuals who pose a potential for terrorism violence.

Domestic terrorism involves groups or individuals who are based and operate entirely within the United States or its territories without foreign direction and whose acts are directed at elements of the U.S. Government or population. Domestic terrorist groups can represent right-wing, or left-wing, or special interest orientations. Their causes generally spring from issues relating to American political and social concerns.

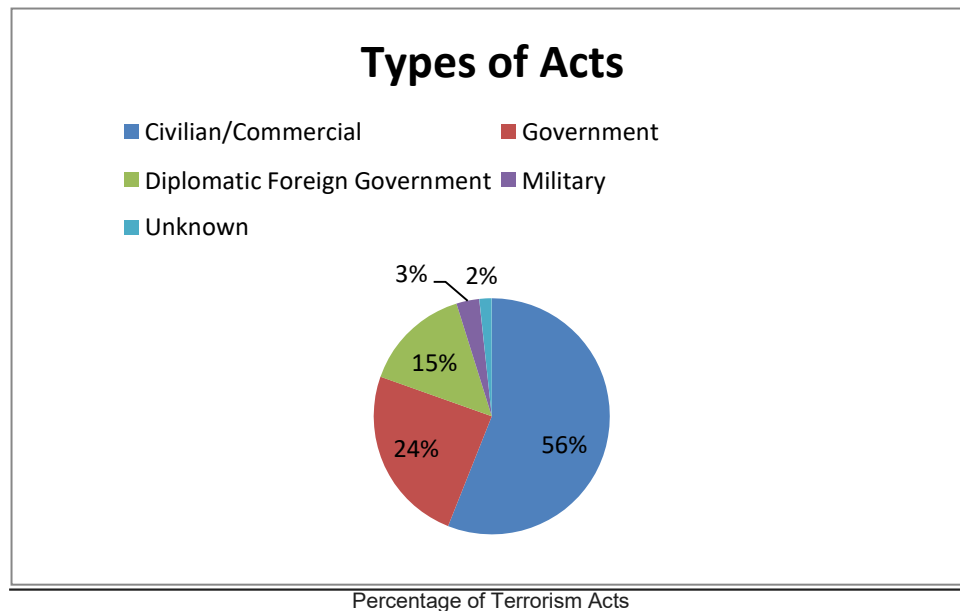
International Terrorist provide a formidable challenge. Events in the late 1990s and early 2000s underscore the range of threats to the United States. Since the 9-11

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terrorist attacks, terrorism reporting by the Federal Government has been limited. The reason is that the government must be careful in reporting and releasing information that could be used in a terror plot by International Terrorists. In this era there have been fewer acts of terrorism but more destructive attacks. **Government statistics on terrorism since 9-11-2001 have been limited in release.**

From 1980-1999 there were 457 identified acts of terrorism, 287 of which is considered Domestic. Only 163 were international and 7 unknown. Statistics indicate that the vast majority of terrorist attacks worldwide continue to be perpetrated with conventional weapons such as bombs, firearms and limited range rockets. The terror-causing threat to oil tankers, nuclear power plants, electricity generation facilities, petroleum and crude oil lines along with electrical and natural gas transmission and distribution lines warrant serious and constant protection and attention. Hydropower dams also are considered desirable targets for terrorism.

Terrorism in the United States between 1980 and 1999 by target:



Agro terrorism and rail transportation systems also are considered as vulnerable targets. An attack against agriculture, livestock, or other food supplies with a biological chemical, or radiological weapon is known to be a serious threat.

Terrorism has changed in the scope and degree during the past three decades. Although the United States and the world now experience fewer acts of non-war terrorism when compared to figures from the 1970s/1980s, a trend toward more destructive attacks has developed.

Utility Vulnerability:

Cyber terrorism: The threat of physical attacks on critical U.S. infrastructure, electricity, power, telecommunications, banking and finance, natural gas, gas and oil and transportation continues to be a concern. Electronic information-based attacks constitute a relatively new and growing threat. Terrorists use computers and the internet to implement their objectives. Terrorists are known to use information technology and the Internet to formulate plans, raise funds, spread propaganda, recruit new members, and communicate securely. There have been cases of terrorist groups using cyber-based attacks to inflict damage on their enemies energy and information systems. Cyber terrorism is now a paramount national security issue. This area of concern questions energy assurance in our country.

Dozens of countries with offensive cyber-capabilities are probing U.S. corporate and military computer systems daily, looking for data and critical information that could lead to the disruption of utility networks. Former FBI Cyber Manager and Executive Assistant Director of the FBI's Criminal, Cyber, Response and Services Branch, Shawn Henry said U.S. adversaries have shown that they are capable not only of stealing

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sensitive information, but manipulating and destroying it. In some cases, hackers have penetrated corporate networks so thoroughly that companies have had to jettison hardware and software before recovering. Henry said "Once they're in, they're in." FBI Director Robert S. Mueller III, said, Cyber Hacking is likely to eclipse terrorism as the top menace to the country.

Attack upon the power system: The electricity infrastructure itself is the primary target-with ripple effects, in terms of outages, extended onto the customer base. The point of attack could be a single component, such as a critical substation, or a transmission tower. However, there could also be a simultaneous, multi-pronged attack intended to bring down the entire grid in a region of the U.S.

Attack by the power system: In this case, the ultimate target is the population, using parts of the electricity infrastructure as a weapon. Power plant cooling towers, for example, could be used to disperse chemical or biological agents. Obviously, nuclear power plants pose serious threats.

Attacks through the power system: In this case, the target is civil infrastructure. Utility networks include multiple conduits for attack, including lines, pipes, underground cables, tunnels and sewers. An electromagnetic pulse, for example, could be distributed through the grid with the intention of damaging computer and/or telecommunications infrastructure. A cyber attack can damage or disrupt the power system in select areas.

Spare Parts: It should be noted that "large" spare parts for power plants take months or years to build and the majority of them are shipped from overseas. If a power facility is attacked, getting it back on-line could be a major issue due to the lack of immediate availability of replacement parts.

Physical Security Standards may be overlooked or non-existent. Most utilities have very little, if any, physical security in place. It is relatively easy to access power plant facilities, substations, and corporate offices. In cases where utilities have security equipment, they (cameras, sensors, etc) are outdated and security guards are often poorly trained.

We live in a world that is driven by technology. We are 100% reliant on our nation's utilities to supply the energy to run these technologies. It is critical that we secure our utility/energy infrastructures now. Homeland Security initiatives will not function without electricity, the world economy (which is very dependent on the US economy) would stop, our food supplies would go bad in a matter of weeks, our banks and financial markets would be placed in jeopardy, and depending on where one lives, people would suffer from heat/cold and our country would be in chaos if power doesn't flow. A lot can be learned from military history. Take out the infrastructure first, and then proceed with the attack.

DOE ELECTRICITY SUBSECTOR CYBER SECURITY CAPABILITY MATURITY MODEL (ES-C2M2)

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EnergyCentral.com

by Kathleen Wolf Davis - Dec 14, 2012

The ES-C2M2, a public/private partnership allowing electric utilities and grid operators to assess their cyber security capabilities, allows utilities to prioritize future actions and investments in the cyber security arena with a series of steps—gradual assessments in platform areas that build to a complete picture.

The collaborative effort that started in 2011 came to a head in May 2012 with the release of the first version of the model (just a few months after first initiated in January of this year). The model, according to the DOE's Office of Electricity Delivery & Energy Reliability, "combines elements from existing cyber security efforts into a common tool that can be used consistently across the industry." It also includes a cyber security self-evaluation survey tool, which discusses situational awareness, along with threat and vulnerability management, to allow a utility an internal option for the cyber security discussion.

The model has ten domains and four maturity indicator levels (MILs). The domains include logical groupings of cyber security practices, including: risk management; asset, change and configuration management; identity and access management; threat and vulnerability management; situational awareness; information sharing and communications; event and incident response, continuity of operations; supply chain and external dependencies management; workforce management; and cyber security program management.

According to documentation about the model, "the practices within each domain are organized into objectives. The objectives represent achievements that support the domain." For example, the risk management domain has three objectives:

- * Establish a cyber security risk management strategy,
- * Manage cyber security risk, and
- * Manage risk management activities.

Currently, over 77 utilities have downloaded the model's assessment tool.

To date, the ES-C2M2 has had 17 pilot assessments where the DOE went onsite with industry volunteers and walked through the model. They wanted to adjust the model to meet industry needs with a primary focus on feedback. Currently, that feedback is leading to new changes to the next version of the model, including additional maturity indicator levels, performance metrics and measurement, and informative materials.

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The ES-C2M2 effort is led by the DOE, in partnership with the Department of Homeland Security (DHS), Carnegie Mellon University and industry stakeholders.

The ES-C2M2, designed specifically for the electricity industry, can be downloaded from the DOE's website or by contacting the DOE at ES-C2M2@hq.doe.gov.

SOURCE DOCUMENTS:

Terrorism in the United States, Counterterrorism Threat Assessment and Warning Unit
Publication FBI Publication #0308.

Terrorism & Public Utility Infrastructure Protection October 2008 DR LARRY NESS.

Backgrounder The Heritage Foundation EMP Attacks by James J, Carafano and Dr.
Richard Weitz.

The Pipeline and Gas Journal June 2012

Energy Central

RECOMMENDATIONS

Communication and coordination between agencies remains as a critical issue. Some entities freely share information, while others keep it internally and use it to control and monitor the flow of information between groups. There should be one entity within the state authorized to communicate and coordinate the flow of information to all groups regarding energy and associated infrastructure events.

There needs to be some urgency and importance assigned to this issue at the state level. Presently, after several requests, there still is no representation from the Executive Office of state government. Energy, energy development, energy assurance, and overall protection are vital issues to the State of New Mexico and they need to be positioned as such within the administration.

The formation of a New Mexico Energy Assurance Executive Committee that represents federal, state, local and private entities throughout the state is recommended. It would report directly to the Governor of New Mexico on a regular basis. The Executive Committee would be tasked with updating the New Mexico Energy Assurance Plan and communicating it throughout the state. It would meet on a regular basis to ensure current information is included in the plan and that all entities are kept current in its content. It would also update new energy services and critical infrastructure needs as they occur.

Many communities view energy assurance planning primarily as a reaction to an electricity and/or natural gas outage. Many other issues need to be included in these plans. For example, wild fires around the state reinforce the need of each community to know of the exact location of energy infrastructures within the community. Fires not only destroy forests and homes, but also impacts or destroys infrastructure (energy, water, communications, petroleum, etc.) that is critical to a community. The protection of this infrastructure needs to be a critical component of each area's plan.

The inclusion of renewable or alternative energy is not included in any plan by any entity. Community response plans need to incorporate the use of renewable energy (wind and solar) as well as alternative energy (biodiesel, waste vegetable oil, ethanol, natural gas, propane) petroleum sources. At this time, none of these alternative energies are included in any plans in the state.

Transportation issues are addressed at the state level, but ignored at most community levels. There are no procedures published in most communities as to what happens if there is a sudden loss of petroleum supply. Very few communities have a written priority list of those local fleets that react to a local event and how those fleets will be served in that event. This needs to be incorporated into each community's energy assurance plan.

Outage prevention issues need to be addressed in these plans, not just response plans. The inclusion of prevention plans is limited at best in most plans. Agency investments

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in both staff and funding for prevention is negligible. Assets need to be committed to the development and communication of prevention plans in addition to response plans.

Critical emergency numbers are not advertised or posted adequately. Both the state and federal government could use Government TV and public service announcements to broadcast issues and critical contact numbers. More community and regional meetings need to be incorporated into these plans in order to make education and understanding of these plans a critical component of the plan.

Appointed officials in key energy assurance positions around the state need to be funded for constant training and meetings on these issues. In some cases, there is limited to no training background in these areas of their responsibility. It is recommended that these individuals have an existing background in energy and/or associated areas prior to their appointment.

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CONTACT LISTS

LEPC CONTACT LIST:

Jurisdiction	Address	Contact Information
		Tier II Reports
Albuquerque/Bernalillo County LEPC, NM	P.O. Box 95425 Albuquerque, NM 87199	Richard Clark Jr., EM 505-844-1134 Cell: 505-980-0543 (for emergency only; do not submit Tier II Reports to EM)
Catron County, NM	P.O. Box 507 Reserve, NM 87830	Mike Shriver, EM 575-533-6222 Mike.shriver@catroncountynm.gov
Chaves County/Roswell LEPC, NM	2800 Wilshire Blvd. Roswell, NM 88201	Karen Sanders, EM, 575-624-6740 k.sanders@roswell-nm.gov
Cibola County, NM	515 W. High Street Grants, NM 87020	http://www.co.cibola.nm.us/ Dustin Middleton, EM, 505-285-2558 Cell: 505-290-5120
Colfax County, NM	127 Clark Avenue Raton, NM 87740	Thomas Vigil, 575-445-7050 tvigil@co.colfax.nm.us
Curry County/Clovis LEPC, NM	P.O. Box 760 Clovis, NM 88102	http://www.cityofclovis.org/lepc/ Dan Heerding, EM, 575-763-9485 dheerding@cityofclovis.org
De Baca County, NM	P.O. Box 347 Ft. Sumner, NM 88119	Linda Boyd, 575-355-2405 dbcrecc@plateautel.net

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Dona Ana
County/Las Cruces
LEPC, NM

1170 North Solano,
Ste. O
Las Cruces, NM
88005

deliac@donaanacounty.org; dauidal@donaanacounty.org

<http://www.donaanacounty.org/emergency/lepc/>

Cullen Combs, EM 575-647-7900
Cullen.Combs@donaanacounty.org

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Eddy County, NM	324 S. Canyon Street, Ste	http://www.eddyoem.com/ ; jarmendariz@eddyoem.com
Eddy County LEPC	Carlsbad, NM 88220	Jennifer Armendariz, EM, 575-499-5111
Grant County, NM	1313 East 32nd Silver City, NM 88061	ghelton@grantcountynm.gov Gilbert Helton, EM, 575-574-0065 Cell: 575-313-7722
Guadalupe County, NM	565 River Road Santa Rosa, NM 88435	brael@guadco.us Ben Rael, EM, 575-472-3306
Harding County, NM	P.O. Box 1002 Mosquero, NM 87733	jennifer.baca@plateautel.net Jennifer Baca, EM, 575-673-2927
Hidalgo County, NM	524 East DeMoss Street, Suite 4 Lordsburg, NM 88045	Scott.richins@hidalgocounty.org Scott Richins, 575-542-8827 Cell:575-534-5113 ivelasquez@leacounty.net ;
Lea County, NM	100 North Main Lovington, NM 88260	http://www.leacounty.net/Emergency%20Mgt/emaboutus.html Lorenzo Velasquez, EM, 575-391-2983
Lincoln County, NM	111 Copper Ridge Rd HC71 BOX1102 Capitan, NM 88316	amy.bertramsen@enmu.edu ; adunn@zngc.com ; jkenmore@lincolncountynm.gov ; Joe Kenmore, EM, 575-336-8600 cell: 575-808-1381 beverley.simpson@lacnm.us ;
Los Alamos County, NM	P.O. Box 30 Los Alamos, NM 87544	http://www.losalamosnm.us/emo/Pages/LocalEmergencyPlanning Committee.aspx Beverley Simpson, EM, 505-662-8232
Luna County LEPC, NM	201 E. Cody Deming, NM 88030	sonia_arteche@lunacountynm.us ; mark_jasso@lunacountynm.us Mark Jasso, EM, 575-543-6569
McKinley County, NM	2221 East Boyd Gallup, NM 87301	oem@co.mckinley.nm.us ; adimas@co.mckinley.nm.us

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http://www.co.mckinley.nm.us/emergency_management.htm
Adam Berry, EM, 505-722-4248

Mora County, NM	P.O. Box 580 Mora, NM 87732	rpino@countyofmora.com Rumaldo Pino, 575-387-5393
Otero County, NM	700 Virginia Street DPS Alamogordo, NM 883 10	paul.quairoli@co.otero.nm.us Paul Quairoli, 575-439-2612/ 575-437-7427
Quay County, NM	1610 South Adams Street Tucumcari, NM 8840 1	scot@cityoftucumcari.com Scot Jaynes, 575-461-4400
Rio Arriba County, NM	1122 Industrial Park Road Española, NM 87532	mdevargas@rio-arriba.org Mateo DeVargas, EM, 505-747-6367
Roosevelt County, NM	100 West First Street Portales, NM 88130	em@portalesnm.org Keith Wattenbarger, EM, 575-356-4404 ext 2005
San Juan County LEPC, NM	209 South Oliver Aztec, NM 87410	http://www.sjcoem.com/communityprograms/lepc.html arye@sjcounty.net Ryan Briggs, EM, 505-334-1180 505-334-7700
San Miguel County/Las Vegas LEPC,NM	518 Valencia Street, Ste. 102 Las Vegas, NM 87701	cabila@smcounty.net ; denglish@smcounty.net http://www.smcounty.net/LEPC.htm Leo Maestas, EM, 505-425-6190 lmaestas@co.sanmiguel.nm.us Connie Abila, Asst. cabila@co.sanmiguel.nm.us
Sandoval County, NM	P.O. Box 40 Bernalillo, NM 87004	eoc@sandovalcountynm.gov Seth A. Muller, EM, 505-867-7625
Santa Fe County, NM	P.O. Box 909 Santa Fe, NM 87504	mavigil@santafecounty.org ; santafecountynm.gov Martin Vigil, EM, 505-992-3072
Sierra County, NM	100 North Date Street	scemo@sierracountynm.gov

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	Truth or Consequences, NM 87901	Paul Tooley, EM, 575-894-6215 ptooley@sierraco.org jwheeler@co.socorro.nm.us
Socorro County LEPC, NM	198 Neel Avenue Socorro, NM 87801	https://sites.google.com/site/socorrocountyintranet/departments/emergency-services/lepc
Taos County, NM	105 Albright Street Taos, NM 87571	Jerry Wheeler, EM, 575-835-2029 bobby.lucero@taoscounty.org Bobby Lucero, Director, EM, 575-737-6459 Mark Ortega, EM Coordinator 575-737-6454
Torrance County, NM	P.O. Box 48 Estancia, NM 87106	mpropp@tcnm.us Matt Propp, EM, 505-544-4727 Cell: 505-705-0836
Union County, NM	P.O. Box 430 Clayton, NM 88415	emergencymgr@unionnm.us Robert Wingo, EM, 575-207-5454
Valencia County, NM	100 South Main Street Belen, NM 87002	Steven.Gonzales@co.valencia.nm.us Steven Gonzales, Fire Chief, 505-866-2041/ 505-866-2043

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DPS MAINTAINED WEBSITES:

- New Mexico State Police (<http://www.nmsp.com>)
- DPS Motor Transportation Police Division (<http://www.nmmtdpolice.org>)
- NM Sex Offender Registry (<http://www.nmsexoffender.dps.state.nm.us>)
- NM Missing Person Information Page (<http://www.missingpersons.dps.state.nm.us>)

STATE AGENCIES

- Attorney General, Office of (<http://www.nmag.gov/>)
- Auditor, Office of the State (<http://www.saonm.org/>)
- Behavioral Health Collaborative (<http://www.bhc.state.nm.us/>)
- Birth Certificates (<https://www.vitalchek.com/birth-certificates/new-mexico/new-mexico-vital-records>)
- Blind, The Commission for (<http://www.cfb.state.nm.us/>)
- Border Authority (<http://www.nmborder.com/>)
- Children, Youth and Families Department (<http://www.cyfd.org/>)
- Corrections Department (<http://corrections.state.nm.us/>)
- Crime Victims Reparation Commission (<http://www.cvrc.state.nm.us/>)
- Deaf and Hard of Hearing Persons, Commission for (<http://www.cdhh.state.nm.us/>)
- Department of Information Technology (DoIT) (<http://www.doit.state.nm.us/>)
- Department of Motor Vehicles (<http://www.mvd.newmexico.gov/>)
- District Attorney's Association (<http://www.da.state.nm.us/>)
- District Court, First Judicial (<http://www.firstdistrictcourt.com/>)
- District Court, Second Judicial (<https://seconddistrictcourt.nmcourts.gov/>)
- District Court, Third Judicial (<https://thirddistrictcourt.nmcourts.gov/>)
- District Court, Fifth Judicial (<https://fifthdistrictcourt.nmcourts.gov/>)
- District Court, Twelfth Judicial (<https://twelfthdistrictcourt.nmcourts.gov/>)
- Employment Opportunities, State of NM (<https://www.governmentjobs.com/careers/newmexico>)
- Game and Fish Department (<http://www.wildlife.state.nm.us/>)
- Gaming Control Board (<http://www.nmgcb.org/>)
- Governor's Office (<http://www.governor.state.nm.us/>)
- Department of Health (<https://nmhealth.org/>)
- Homeland Security and Emergency Management (<http://www.nmdhsem.org>)
- Human Services Department (<http://www.hsd.state.nm.us/>)
- Justice Network (<http://www.nmjustice.net/website/controller.php>)
- Lottery (<http://www.nmlottery.com/>)
- Tax and Revenue, Motor Vehicle Division (<http://www.mvd.newmexico.gov/>)
- State Personnel Office (<http://www.spo.state.nm.us/>)
- Public Defender (<http://www.lopdnm.us/>)
- Records Center and Archives (<http://www.nmcpr.state.nm.us/>)
- New Mexico Register (<http://164.64.110.239/nmregister/>)
- Regulation and Licensing Department (<http://www.rld.state.nm.us/>)
- State of New Mexico Website (<http://www.newmexico.gov/>)
- Statutes and Constitution of NM (<http://public.nmcompcomm.us/nmnxtadmin/>)
- Supreme Court, New Mexico (<http://nmsupremecourt.nmcourts.gov/>)
- Tax and Revenue (<http://www.tax.newmexico.gov/>)

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- [Transportation Department \(http://dot.state.nm.us/content/nmdot/en.html\)](http://dot.state.nm.us/content/nmdot/en.html)
- [Workers' Compensation Administration \(http://www.workerscomp.state.nm.us/\)](http://www.workerscomp.state.nm.us/)

FEDERAL AGENCIES & OTHER

- [Federal Bureau of Investigation \(http://www.fbi.gov/\)](http://www.fbi.gov/)
- [Handgun Laws, U.S. \(http://www.handgunlaw.us/\)](http://www.handgunlaw.us/)
- [Homeland Security, Department of \(http://www.dhs.gov/index.shtm\)](http://www.dhs.gov/index.shtm)
- [Justice, Department of \(http://www.usdoj.gov/\)](http://www.usdoj.gov/)
- [National Criminal Justice Association \(http://www.ncja.org\)](http://www.ncja.org)
- [National Sex Offender Registry \(http://www.nsopr.gov/\)](http://www.nsopr.gov/)
- [UNM Traffic Safety Center \(http://transportation.unm.edu/transportation/\)](http://transportation.unm.edu/transportation/)

Telephone Contact Numbers

Local Utilities

New Mexico State SERC Contacts

New Mexico Department of Homeland Security and Emergency Management
P.O. Box 27111 (Mail)
13 Bataan Blvd. (FEDEX/UPS)
Santa Fe, NM 87502

Phone: 505.476.9628

Fax: 505.476.9695

Web Page: <http://www.nmdhsem.org/>

Email: don.shamin@state.nm.us

Phone

US West Communications

201 3rd Street, NW, 6th Floor; Albuquerque, NM 87102

505-245-7500

New Installation/Add Services: 1-800-244-1111 Repairs: 1-800-573-1311

Electricity

Public Service Company of New Mexico

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414 Silver SW , Albuquerque, NM 87158
Customer Service: 505-246-5700

Power Failure or Downed Power Line:
505-246-5890

Gas
Public Service Company of New Mexico
414 Silver SW ; Albuquerque, NM 87158
Customer Service: 505- 246-5700

Natural Gas Emergency, Service or Repair:
505-345-1841

Water
City of Albuquerque Water
One Civic Plaza NW - Room 1026; Albuquerque, NM 87103-1293
Customer Service: 505-768-2800

Water/Wastewater Service or Repair:
505-857-8250

Phone Services

World Com
3301 Menaul Blvd NE # 14 Albuquerque, NM
(505) 830-0047

U S Phone Lines Inc
1717 Girard Blvd NE Albuquerque, NM
(505) 266-7500

Discount Sales
11113 Brentwood Hills Blvd NE Albuquerque, NM
(505) 237-2829

Cable Information

4611 Montbel Place, NE, Albuquerque, NM 87107
505-344-0690

5048 Edith Blvd NE Albuquerque, NM

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9500 Montgomery Blvd NE # 121
(505) 237-2123

2900 Louisiana Blvd NE # 101 Albuquerque, NM
(505) 872-1536

16 offices in Town
(505) 855-0855

18 offices in Town
(505) 282-2670

4700 Montgomery Boulevard Northeast Albuquerque, NM 87109
505-830-8040

5200 Eubank Boulevard Northeast; Albuquerque, NM 87111
505-332-5591

6100 Coors Boulevard Northwest; Albuquerque, NM 87120
505-890-6465

6501 Americas Parkway Northeast; Albuquerque, NM 87110
505-830-8100

Banks

Wells Fargo

505-766-7389

2211 Lomas Boulevard NE, Albuquerque, NM 87106
505-272-5437

1100 Central Ave SE Albuquerque, NM
(505) 841-1234

8080 Academy Rd NE Albuquerque, NM
(505) 727-3400

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2211 Lomas Boulevard NE, Albuquerque, NM 87106 505-272-2111

1501 San Pedro Drive S.E., Albuquerque, NM 87108
COMM. 505-265-1711

Hospitals

Lovelace Hospital

505-727-8000

Public Schools

Albuquerque Public School (APS)
842-8211

Central New Mexico Community College (CNM)
227-3000

University of New Mexico (UNM)
277-0111

New Mexico State (NMSU Las Cruces)
1-800-662-6678

University of Phoenix at Albuquerque
821-4800

Transportation

Albuquerque Bus Transportation Center
842-9188

Yellow Cab
243-7777

Albuquerque Cab Company
883-4888

Avis Rental
1-800-831-2847

AAA Auto Club

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291-6611

Budget Rent-A-Car
1-800-527-0700

1-800-654-3131

841-8752 NM

1-800-659-8331

1-800-659-1779

APD Non-Emergency 242-COPS (2677)
APD Records/Information 768-2020
APD Telephone Reporting Unit 768-2030
APD Crime Prevention Office 924-3600
CRIMESTOPPERS 843-STOP (7867)

City of Albuquerque
505-768-3700

Mayor's Office
505-768-3000

Mosquito Control
505-873-6613

Non-Emergency Police Response
505-242-2677

Fire Department
505-243-6601

Animal Control:
505-873-6706

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Crises Center:
505-831-7002

Office of Senior Services:
505-764-6400

Social Services:
505-841-9500

Veterans Services:
505-346-6562

Emergency Management:
505-861-2178

Parks and Recreation:
505-764-6850

Examination Office:
505-841-2475

New Mexico Department of Transportation:
505-864-7250

New Mexico State Police 911

Bernalillo County Chapter American Red Cross:
505-265-8514

Salvation Army:
505-242-1416

Poison Control Center
272-2222

Police Information
768-2020

General Information 1-888-683-4636

823-7777

821-1111

Agriculture Emergency Contacts

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FOR ALL EMERGENCIES CALL 911

Contact Information

Potential Threat

Animal Disease

- New Mexico Livestock Board (505) 841-6161
- USDA/APHIS-Veterinary Services (505) 761-3160

Plant Pest and Disease

- New Mexico Department of Agriculture (505) 646-3007
- USDA/APHIS-Plant Protection Quarantine (505) 761-3189
- APHIS-Emergency Operations (800) 601-9327

Weapons of Mass Destruction

- New Mexico Emergency Operation Center (505) 476-9635
- Federal Bureau of Investigation (505) 889-1300

Pathogenic Infectious Disease

- New Mexico Department of Health (505) 827-2613
- Office of Epidemiology (505) 827-0006

Surveillance and Response Division

Toxins in Feed (e.g. botulism, pesticides, poison gas, etc.)

- New Mexico Department of Agriculture (505) 646-3007

Food and Water Supply (spills, oil, or hazardous materials)

- New Mexico Environment Department (505) 827-9329
- United States Environmental Protection Agency (800) 424-8802

NEW MEXICO SEARCH AND RESCUE MEMBERS

<u>Name</u>	<u>City</u>	<u>Website URL</u>
Alamogordo Search and Rescue	PO Box 4341 Alamogordo, NM 88311	
Albuquerque Mountain Rescue Council	Albuquerque, NM 87153	http://www.abqmountainrescue.org/
Amarillo Alliance of Search K9s (AASK)	5542 White Fence Canyon, TX 79015	http://www.aask-sar.org/
Angel Fire Search and Rescue	PO Box 1100 Angel Fire, NM 87710	
Atalaya Search and Rescue	P.O. Box 32351 Santa Fe, NM	http://www.atalayasar.org/wiki/index.php/Main_Page

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<u>Name</u>	<u>City</u>	<u>Website URL</u>
	87594	
Bernalillo County Amateur Radio Emergency Service	1500 Park Ave SW Albuquerque, NM 87104	
Catron County Search and Rescue	PO Box 487 Datil, NM 87821	
Chaves County Off Road Search and Rescue	PO Box 3886 Roswell, NM 88202	
Cibola Search and Rescue	PO Box 11756 Albuquerque, NM 87192	http://www.cibolasar.org/
Civil Air Patrol / USAF Auxiliary - NM Squadrons in Albuquerque, Santa Fe,	PO Box 5069 Albuquerque, NM 87185	http://nmcap.org
D-4 Search and Rescue Support	Las Cruces, NM	
Dona Ana County Search and Rescue	PO Box 16172 Las Cruces, NM 88004	www.dacsar.org
Eddy County Search and Rescue	324 South Canyon Carlsbad, NM 88220	www.eddyoem.com
Grant County Search and Rescue	PO Box 1874 Silver City, NM 88062	http://www.gcsar-nm.org/
K9 Search and Rescue Team	PO Box 487 Dolores, CO 81323-0487	http://www.k9team.org/
Los Alamos Amateur Radio Club	PO Box 787 Los Alamos, NM 87544	http://www.laarc.org/
Los Alamos Auxiliary Fire Brigade	4017 Arkansas Los Alamos, NM 87544	http://www.losalamos.org/lasar/lafb
Luna County	PO Box 2666	

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<u>Name</u>	<u>City</u>	<u>Website URL</u>
Search and Rescue	Deming, NM 88031	
McKinley County Search and Rescue	313 McKee Dr Gallup, NM 87301	http://www.mcsar.us/
Mesilla Valley Search and Rescue	PO Box 1087 Las Cruces, NM 88004	http://www.mvsar.org/
Mountain Canine Corps	PO Box 238 Los Alamos, NM 87544	http://mc2sar.org/
New Mexico Mounted SAR	100 McGinnis Rd. Tijeras, NM 87059	
New Mexico SAR Support Team	8400 Menaul Blvd NE Suite A-174 Albuquerque, NM 87112	http://www.nmsarsupport.org/
Northern Snow-Drift Breakers SAR	56 Tango Road Santa Fe, NM 87506	
Organ Mountain Technical Rescue Sqd	Post Office Box 2196 Las Cruces, NM 88004	http://www.omtrs.org/
Pajarito Ski Patrol K-9 Search and Rescue	2057A 45th St Los Alamos, NM 87544	
Philmont Search and Rescue	17 Deer Run Rd Cimarron, NM 87714	
Rocky Mountain SAR	Espanola, NM 87532	
Route 66 Flyers (EAA Ultralight Chapter 118)	6305 Whiteman Dr NW Albuquerque, NM 87120	

NEW MEXICO ENERGY ASSURANCE PLAN

<u>Name</u>	<u>City</u>	<u>Website URL</u>
San Miguel Search and Rescue	C/O NM State Police Las Vegas, NM 87701	http://www.bluedome.com/smsar
Sandia Search Dogs	10725 Edith Blvd NE Albuquerque, NM 87113	http://www.swcp.com/ssd
Sangre de Cristo del Norte Search and Rescue	PO Box 237 Alcalde, NM 87511	
Santa Fe County Sheriff's Posse	3213 Rodeo Road Santa Fe, Fe 87507	http://santafesheriffsposse.com/
Santa Fe Search and Rescue Group	3 Antigua Santa Fe, NM 87508	http://www.santafesar.org/
Santa Fe Amateur Radio Emergency Services	Santa Fe, NM	
Sierra County Sheriff's Posse	Truth or Consequences, NM	
Socorro Search and Rescue	c/o Bob Broilo 513 Western Ave Socorro, NM 87801	http://www.nmt.edu/~ssar
Taos Search and Rescue	PO Box 1912 Taos, NM 87571	http://www.taosrescue.org/
United SAR of Montezuma County	PO Box 81 Cortez, CO 81321	
White Mountain Search and Rescue	PO Box 2542 Ruidoso, NM 88355	http://whitemountainsar.org

**Appendix A - New Mexico Emergency Support Function
Annex 12 – Energy**



**New Mexico
Emergency Support Function
Annex 12 – Energy**

February 29, 2012

New Mexico Emergency Support Function Annex 12 - Energy

Purpose

Emergency Support Function (ESF) Annex 12 – Energy is intended to facilitate the restoration of damaged energy systems and components when activated for incidents requiring a coordinated response.

Energy resources and utilities are essential services for both the private and public sectors.

During major disasters, utility services and energy resources may be unavailable for extended periods of time.

Private-sector utility and energy providers who are significant to local, regional, and national economic recovery may be affected by direct or indirect consequences of an incident.

During energy emergencies the Governor may enact emergency energy measures.

In declaring an energy emergency, the Governor may issue orders to State agencies, political subdivisions, and the private sector restricting nonessential consumption of energy resources or mandating the implementation of set-aside programs.

The Energy Sector, as part of the national critical infrastructure and delineated by Homeland Security Presidential Directive 7 (HSPD-7), includes the production, refining, storage, and distribution of oil, gas, and electric power, except for hydroelectric and commercial nuclear power facilities.

The U.S. Department of Energy (USDOE) provides leadership for ESF Annex 12- Energy for maintaining continuous and reliable energy supplies for the United States through preventive measures and restoration and recovery efforts.

Scope

ESF Annex 12 – Energy collects, evaluates, and shares information on damaged energy systems and estimates the impact within the affected areas.

The term *energy* includes producing, refining, transporting, generating, transmitting, conserving, building, distributing, and maintaining energy systems and system components.

Private and public utilities have plans to deal with a major disruption of service.

Utility failure, either as a result of a major disaster, or as a stand-alone event such as a major power failure, may require immediate emergency measures and the activation of the State of New Mexico Emergency Operations Center (SEOC).

State and local governments must include priority objectives and task assignments for restoration of service in the Incident Action Plan in order to facilitate continuity of operations and response and recovery efforts.

As used in the *Energy Emergency Powers Act*, [12-12-1 to 12-12-9 NMSA 1978] an *energy emergency* means an existing or imminent domestic, regional or national shortage of energy resources which may result in the curtailment of essential services or production of essential goods or the disruption of significant sectors of the economy or have a severe impact on the health, safety and general welfare of the citizens of this state unless action is taken to conserve or limit the use of the energy form involved and the allocation of available energy resources among users.

Energy resource is defined as petroleum or other liquid fuels, natural or synthetic fuel gas, electricity, coal, synthetic fuel or its components.

Energy supply alert means an anticipated shortfall of available energy resources on a national, regional or local basis which foresee ably could result in an energy emergency unless action is taken to reduce energy uses by the state, its agencies and political subdivisions.

Additionally, ESF Annex 12 - Energy provides information concerning the energy restoration process such as projected schedules, restoration timelines, geographic information on the restoration, and other information as appropriate.

NEW MEXICO ENERGY ASSURANCE PLAN

NEW MEXICO ENERGY ASSURANCE PLAN

Policies

The Draft New Mexico Energy Assurance Plan dated May 2011 is the result of American Recovery and Reinvestment Act funds to USDOE, Office of Electricity Delivery and Energy Reliability, Infrastructure Security and Energy Restoration for distribution to States and localities to enhance energy assurance.

The New Mexico Energy, Minerals and Natural Resources Department (NMEMNRD) was awarded the USDOE funding and contracted the development documentation for the Energy Assurance Plan.

The USDOE objectives were to fund jobs to enable development and implementation of effective, energy assurance and resiliency plans by developing in-house expertise on infrastructure interdependencies and related vulnerabilities, including areas for improvement to lessen the economic and health and safety impacts of energy disruptions, cyber security, energy supply systems, energy data analysis, and communications.

The funding was designed to develop a process or mechanism for tracking the duration, response, and restoration and recovery time of energy supply disruption events and develop new, or refine existing plans, and incorporate these plans into broader emergency management and homeland security activities.

USDOE expects the States and localities to revise current policies, procedures, and practices to reflect the Energy Assurance Plans and train appropriate personnel on energy infrastructure and supply systems and the content and execution of energy assurance plans.

Those States and localities receiving the funds are expected to conduct energy emergency exercises to evaluate the effectiveness of the energy assurance plans; build organizational relationships and identify responsibilities within local and state government, the private sector, and the region that support public/private partnerships; and integrate of new energy portfolios (renewables, biofuels, etc.) and new applications, such as Smart Grid technology, into energy assurance and emergency preparedness plans.

State Energy Assurance Guidelines, published by the National Association of State Energy Officials in December 2009, specifically references ESF Annex 12 - Energy and coordination with DOE during energy emergencies and shortages.

Local Government Energy Assurance Guidelines, (undated) published by the Public Technology Institute supported by DOE also references ESF Annex 12 – Energy coordination activities.

It is paramount to emergency planning that the NM Energy Assurance Plan integrates with ESF Annex 12 - Energy.

Situation

A disaster emergency may cause shortages in energy supplies by disrupting production, transportation or delivery of electrical power, natural gas or fuel.

An energy emergency can also result in shortages caused by panic buying of fuels/electricity or by higher than normal usage of energy for heating or cooling.

There are many different situations that may cause an energy emergency including: flood, fire, earthquake, severe weather, equipment failure, accidents, and incidents of terrorism.

It is recognized that gas, electric, and fuel producers and suppliers have plans that will be used in emergency situations not contemplated in this annex.

As an example, should a petroleum delivery or gas pipeline or electrical transmission line break, immediate action would be taken by the proper authority rather than waiting for a declaration of an energy emergency by the Governor.

ESF Annex 12 – Energy complements such plans and actions as well as local government plans and other State and Federal agency plans and programs associated with disasters or energy emergency situations.

Energy supplies are interdependent with one another and with other essential services.

A shortage of energy in one form may cause shortages in other energy sources, and disruptions in other services.

The larger the affected area, the more critical and complex are the problems.

Damage to an energy system in one geographic region may affect energy supplies in other regions that rely on the same delivery system.

Energy supply and transportation problems can be intrastate, interstate, and international.

NEW MEXICO ENERGY ASSURANCE PLAN

Assumptions

State and local emergency management officials will work closely with utility companies to restore service rapidly and safely. Local government must be prepared to provide backup service. Prolonged energy shortages could cause economic hardships on the citizens and businesses of New Mexico.

The State will assist local jurisdictions during emergencies/disasters which affect public works systems, utilities or energy sources. State agencies, through the SEOC Operations Section coordinate with private, local and federal agencies to bring services back to normal or implement emergency measures to conserve energy resources.

The SEOC Operations Section objectives include:

- Identify critical facilities and operators
- Identify and assess service disruptions or disconnections
- Prioritize repairs and emergency access
- Coordinate restoration of utility service
- Coordinate with the private sector and local jurisdictions

Energy emergencies can include acute shortages caused by power outages and fuel flow disruptions. Power outages and fuel shortages may be widespread and possibly prolonged. The need to quickly and effectively respond to a specific energy shortage condition and restore equilibrium of supply as expeditiously as possible will be required.

In the event of an emergency affecting electric or natural gas utilities, the affected utility have plans to implement their own emergency response/curtailment plans. National and/or Statewide energy rationing or strict energy conservation measures may need to be implemented.

The ability to adequately inform the public of the nature, extent, and duration of an energy emergency will be required in order to gain public response acceptance and cooperation; assuming normal and/or emergency backup communication systems will still be functional.

NMDHSEM may be initially notified of an actual or pending energy emergency by the Emergency Medical Services (EMS) State Communications Center (StateComm), the New Mexico State Police, local government, a utility company, or some other agency.

State of New Mexico coordinating, primary and support agencies and energy utilities have plans and procedures established to enable them to perform appropriate levels of mitigation, preparedness, response, and recovery that a given disaster or emergency may require. This includes that they develop, update, train and exercise emergency response, curtailment and recovery plans.

Appropriate personnel will be trained on the principles of the National Incident Management System (NIMS) and Incident Command System (ICS) and integrate those principles into all the planning and response operations.

Concept of Operations (CONOPS)

A critical element of the situation assessment and reporting process is accurately relating information about damages and impacts to critical infrastructure, essential services and utilities. Initial size-up, rapid needs and preliminary damage assessment reports provide details on what is affected, damaged, and destroyed. While restoration of normal operations at energy facilities is the primary responsibility of the owners of those facilities, the appropriate supplemental State assistance and resources to enable restoration in a timely manner.

As soon as is feasible, plans for restoration, assistance needs and restoration prioritization or alternate service for critical facilities such as hospitals. The SEOC Operations Section is responsible for rapidly gathering this information and developing applicable task assignments and resource orders. The Operations Section Chief (OSC) may establish a task force, group, or branch depending on the size and complexity of operations to focus on infrastructure issues. The OSC may call upon key state agencies and private sector partners to staff the infrastructure element. There is a close connection between issues and function in ESF Annex 12, and those of ESF Annex 1 - Transportation, and ESF Annex 3 - Public Works and Engineering. The infrastructure element may combine several functions.

Upon analysis of the situation, the infrastructure element provides technical assistance, equipment, and supplies as required in support effected communities and critical infrastructure and key resources. Restoration priorities will be to support life saving and life sustaining efforts first, followed by restoration and recovery. It may be necessary to activate emergency contract support for life-saving and life sustaining services and equipment.

Depending on the magnitude of the event it may be necessary to coordinate with USDOE and other federal agencies responsible for ESF Annex 12 - Energy.

Working with USDOE, the infrastructure element will:

- Coordinate with energy industries to assist in satisfying critical fuel, lubricant, and electrical power needs that cannot be met by state, local, tribal, or Federal resources or actions.
- Collect, evaluate, and share information on energy system damage and estimations on the impact of energy system outages within affected areas. The term *energy* includes producing, refining, transporting, generating, transmitting, conserving, building, distributing, and maintaining energy systems and system components.
- Coordinate on information related to the energy restoration process such as projected schedules, percent completion of restoration, geographic information on the restoration, and other information, as appropriate.
- While restoration of normal operations at energy facilities is the primary responsibility of the facility owners, the joint infrastructure element works arrange assistance and resources to enable restoration in a timely manner.

NEW MEXICO ENERGY ASSURANCE PLAN

The Governor can promulgate two types of energy declarations; a Supply Alert and an Energy Emergency.

Energy Supply Alert

The Governor may issue a declaration that an energy supply alert exists and issue include, but are not limited to, the following provisions:

- restrictions on wasteful, inefficient or nonessential use of energy resources;
- ordering changes in operation schedules and working hours;
- curtailing the use of land vehicles, watercraft and aircraft; and
- other provisions as are deemed necessary to reduce the consumption of energy resources.

Energy Emergency

The Governor may issue a declaration that an energy emergency exists and issue executive orders and may take such steps as are necessary and appropriate to carry out the provisions of the Energy Emergency Powers Act and generally to protect the peace, health, safety and welfare and preserve the lives and property of the people of this state. Executive orders may include, but are not limited to, the following provisions:

- restrictions on wasteful, inefficient or nonessential use of energy resources;
- allocation of available supplies of energy resources; in allocating available resources the Governor shall give priority to energy resource use essential to public health and safety, and thereafter attempt to allocate the remaining supply equitably;
- regulation of the days and times when energy resources may be sold to end users and the amounts which may be sold or purchased;
- regulation of the hours and days during which nonresidential buildings may be open and the temperature at which they may be maintained; and,
- such provisions as may be necessary to assure that adequate transportation facilities exist to supply the energy needs of this state.

Collectively, the coordinating, primary, and support agencies serve as the focal point within State government for receipt of information on actual or potential damage to energy supply and distribution systems. Sources of such information include news media reports on international conditions indicating an imminent oil embargo, refinery reports that crude oil or product storage levels are low, reports on impending shutdowns of power plants, USDOE statements and predictions, warnings from regional transmission organizations, utility companies, or regional reliability organizations, public statements, warnings from petroleum marketing and distribution organizations.

Coordinating, primary and support agencies serve as the focal point within State Government regarding requirements for system design and operations, and on procedures for preparedness, ~~prevention, recovery, and restoration, advise State and local authorities on priorities for energy restoration, assistance, and supply; assist industry, State, local, and tribal authorities with requests for emergency response actions as they pertain to the State's energy supply.~~

Coordinating, primary and support agencies assist departments and agencies by locating fuel ~~for transportation, communications, and emergency operations; recommend actions to~~ conserve fuel and electric power; and provide energy supply information and guidance on the conservation and efficient use of energy to State and local governments and to the public.

NEW MEXICO ENERGY ASSURANCE PLAN

Organization and Assignment of Responsibilities

The ESF Annex 12 – Energy organization is comprised of ;

- Coordinating Agency - Public Regulation Commission;
- Primary Agency – Energy, Minerals and Natural Resources Department; and
- Support Agencies - Pipeline Safety Bureau, Transportation Division, PRC; Bureau of Geology and Mineral Resources; and the Regulation and Licensing Department.

ESF Annex 12 - Energy Coordinating Agency

The Public Regulation Commission (PRC) is the ESF Annex 12 – Energy coordinating agency with management oversight for energy. The PRC has ongoing responsibilities throughout the preparedness, response, and recovery phases of incident management. PRC’s role as the ESF Annex 12 - Energy coordinator is carried out through a *unified command* approach as agreed upon collectively by the designated primary agencies and, and as appropriate, the support agencies.

PRC responsibilities as the ESF Annex 12 - Energy coordinator include:

- Coordinate before, during, and after an incident, including pre-incident planning.
- Provide 6-deep staffing at the SEOC ESF12 Desk for 12-hour and 8-hour shift requirements for 5 days, when appropriate.
- Maintain ongoing contact with ESF 12 primary and support agencies.
- Conduct periodic ESF 12 meetings and conference calls.
- Coordinate and conduct situational and periodic readiness assessments.
- Support and keep other ESFs and organizational elements informed of ESF Annex 12 - Energy operational priorities and activities.
- Manage mission assignments and coordinate with primary and support agencies, as well as appropriate local officials, operations centers, and agencies.
- Coordinate efforts with corresponding private-sector organizations.
- Coordinate ESF Annex 12 - Energy activities relating to catastrophic incident planning and critical infrastructure preparedness, as appropriate.

The PRC may provide for the organization of an in-house management team(s) for electricity and natural and manufactured gas emergency management and may order the implementation of the voluntary and mandatory curtailment programs and/or energy reduction measures by consumers during electricity and natural gas utility energy emergencies, according to New Mexico codes. PRC representatives coordinate public and private sector staff to the SEOC, if requested by NMDHSEM and coordinates with electric utility and natural and manufactured gas representatives to determine emergency response and recovery needs. The PRC is expected to coordinate with the Critical Infrastructure Coordinator, NMDHSEM to develop and maintain current directories of suppliers of services and products associated with this function; and monitor and analyze potential and existing energy emergencies and shortages and provide regular reports to the SEOC and other relevant agencies as required.

PRC human resources include PRC Commissioners with utility company-energy industry experience; the Director, Utility Division; the Chief, Electrical Engineering Bureau; the Chief, Gas, Water and Wastewater Engineering Bureau; the Chief, Telecommunications Bureau; the Chief, Pipeline Safety Bureau, Transportation Division; and associated staff, as appropriate.

NEW MEXICO ENERGY ASSURANCE PLAN

ESF Annex 12 - Energy Primary Agency

The New Mexico Energy, Minerals and Natural Resources Department (NMEMNRD) is the ESF Annex 12 - Energy primary agency with significant authorities, roles, resources, or capabilities for the energy function that supports the PRC as the coordinating agency and works closely with the support agencies, when appropriate.

Responsibilities of the Primary Agency include:

- Orchestrate State support within their functional area for an affected area.
- Provide 6-deep staffing at the SEOC ESF12 Desk for 12-hour and 8-hour shift requirements for 5 days, when appropriate.
- Provide staff for operations functions at fixed and field facilities.
- Notify and request assistance from support agencies.
- Work with appropriate private-sector organizations to maximize use of available resources.
- Conduct situational and periodic readiness assessment.
- Execute contracts and procuring goods and services if needed.
- Ensure financial and property accountability for ESF Annex 12 - Energy activities.
- Planning for short- and long-term incident management and recovery operations.
- Maintain trained personnel to support interagency emergency response and support teams.
- Identify new equipment or capabilities required to prevent and respond to new or emerging threats and hazards, or to improve the ability to address existing threats.
- Develop and maintain the New Mexico Energy Assurance Plan.

NMEMNRD human resources include the State Energy Assurance Coordinator; the Division Director, Oil Conservation Division; and associated staff, as appropriate.

ESF Annex 12 – Energy Support Agencies

The Bureau of Geology and Mineral Resources; the Pipeline Safety Bureau, Transportation Division, PRC; and the Regulation and Licensing Department (RLD) are the support agencies with specific capabilities or resources that support the coordinating and primary agency in executing ESF Annex 12 - Energy.

Responsibilities of the Support Agencies include:

- Conduct operations, when requested by the SEOC or the PRC, consistent with their own authority and resources.
- Participate in planning for short- and long-term incident management and recovery operations and the development of supporting operations plans, SOPs, checklists, or other job aids, in concert with NIMS/ICS.
- Assist in situational assessments.
- Provide available personnel, equipment, or other resource support as requested by the SEOC or the PRC.
- Provide input to periodic readiness assessments.
- Maintain trained personnel to support interagency emergency response and support teams.
- Identify new equipment or capabilities required to prevent and respond to new or emerging threats and hazards, or to improve the ability to address existing threats.

Support agencies human resources include the Director, Bureau of Geology and Mineral Resources; Bureau Chief, Pipeline Safety Bureau, Transportation Division, PRC; Superintendent, Regulation and Licensing Department; and associated staff, as appropriate.

Direction, Control, and Coordination

Energy Sector Plans:

- Gas
- Electric
- Fuel (propane, gasoline and diesel)

Gas Sector Plan

Public Sector:

- SEOC roles and responsibilities
- Staffing 6-deep for the SEOC ESF12 Desk for 12-hour and 8-hour shift requirements for 5 days
- Primary, backup and support staff personnel for SEOC emergency operations
- Staff contacts, titles, telephone, cell phone, home phone, email
- Pipeline, and other support
- SEOC indoctrination, operations, status report formats and frequency, and badges

Private Sector:

- SEOC roles and responsibilities
- Subject matter experts to support SEOC ESF12 Desk personnel, as appropriate
- Name of contacts, titles, telephone, cell phone, email
- Pipeline, and other support
- SEOC indoctrination, operations, status report formats and frequency, and security procedures

Electric Sector Plan

Public Sector:

- SEOC roles and responsibilities
- Staffing 6-deep for the SEOC ESF12 Desk for 12-hour and 8-hour shift requirements for 5 days
- Primary, backup and support staff personnel for SEOC emergency operations
- Staff contacts, titles, telephone, cell phone, home phone, email
- SEOC indoctrination, operations, status report formats and frequency, and badges

Private Sector:

- SEOC roles and responsibilities
- Subject matter experts to support SEOC ESF12 Desk personnel, as appropriate
- Name of contacts, titles, telephone, cell phone, email
- SEOC indoctrination, operations, status report formats and frequency, and security procedures

Fuel Sector Plan

Public Sector:

- SEOC roles and responsibilities
- Staffing 6-deep for the SEOC ESF12 Desk for 12-hour and 8-hour shift requirements for 5 days
- Primary, backup and support staff personnel for SEOC emergency operations
- Staff contacts, titles, telephone, cell phone, home phone, email
- SEOC indoctrination, operations, status report formats and frequency, and badges

Private Sector:

- SEOC roles and responsibilities
- Subject matter experts to support SEOC ESF12 Desk personnel, as appropriate
- Name of contacts, titles, telephone, cell phone, email
- SEOC indoctrination, operations, status report formats and frequency, and security procedures

Authorities and References

Authority:

New Mexico Energy Emergency Powers Act

New Mexico Energy Assurance Plan

New Mexico Gas Company, Chapter 8. Emergency Plan Policy, EP-005 to EP-013

PNM Chapter 8. Emergency Plan Policy, EP-005 to EP-013

New Mexico Pipeline Emergency Response Planning Information, 2011 Emergency Official Manual

References:

CPG 101 - Developing and Maintaining Emergency Operations Plans document

New Mexico Energy Assurance Plan, NMEMNRD, Draft, May 2011

State of Virginia, Louisiana, Nevada, and Idaho EOPs, ESF Annex 12 - Energy, for guidance

USDHS National Infrastructure Protection Plan, 2009

USDHS-USDOE Energy Sector-Specific Plan, An Annex to the National Infrastructure Protection Plan, 2010

Attachments

- Gas Sector Plan
- Electric Sector Plan
- Fuel Sector Plan

END

New Mexico Emergency Support Function Annex 12 – Energy

GAS SECTOR PLAN

Public Regulation Commission (PRC) - Public Sector

- The PRC's role as the coordinating agency for ESF Annex 12 - Energy is to staff the ESF-12 desk at the State Emergency Operations Center (SEOC) and maintain a situational awareness during an emergency, outage or curtailment to support a coordinated response for the restoration of public and private gas sector systems and components.
- The PRC is responsible for 6-deep staffing 12-hour shifts for two days and then 8-hour shifts for the remainder of SEOC emergency operations, as necessary.
- Pipeline and electric subject matter expert support should be obtained from the public and private sector, on a case by case basis.
- Six (6) designated PRC employees are to receive a NMDHSEM identification badge, become indoctrinated in SEOC operations and status reporting requirements, and security procedures.

Gas Company(s) - Private Sector

- The gas company(s) involved in the emergency, outage or curtailment is requested to support the PRC's role at the SEOC ESF-12 desk by providing the information to maintain a situational awareness to support a coordinated response for the restoration of gas sector systems and components
- The gas company(s) are requested to provide subject matter expert support to the SEOC ESF-12 Desk, as appropriate
- Selected gas company employees are requested to become indoctrinated in SEOC operations, status reports and frequency requirements and security procedures.

Pipeline Company(s) - Private Sector

- The interdependency of pipeline company(s) systems may require subject matter expert support at the SEOC ESF-12 desk by providing the information to maintain a situational awareness to support a coordinated response for the restoration of gas sector systems and components

Electric Company(s) - Private Sector:

- The interdependency of electric company(s) systems may require subject matter expert support at the SEOC ESF-12 desk by providing the information to maintain a situational awareness to support a coordinated response for the restoration of gas sector systems and components.

SEOC – ESF ANNEX 12 COORDINATING AGENCY

SEOC - PRC STAFFING

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NEW MEXICO ENERGY ASSURANCE PLAN

SEOC – PRC SUPPORT STAFFING

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NEW MEXICO ENERGY ASSURANCE PLAN

SEOC – PRIVATE SECTOR SUPPORT STAFFING

New Mexico One Call, Inc.

811 or 260-1990
1-800-321-2537 (ALERT)
505-260-1165 Office
505-254-7302 Operations Manager
1-866-344-6662 Emergency Line Locate

New Mexico Gas Company

Communications Manager
505-249-3291 Cell
505-697-3607 Office

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Chuck Thompson
Manager, Gas Admin, Control & Settlements
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505-697-3522 Office
chuck.thompson@nmgco.com

Capitan – Carrizozo Natural Gas Company

575-354-2260

Zia Natural Gas Company

307-347-8821

Raton Natural Gas Company

575-445-3613

City of Las Vegas Gas Department

505-454-0265

NEW MEXICO ENERGY ASSURANCE PLAN

Transwestern Pipeline Company

Help Desk: 281-714-2255

Blair Lichtenwalter, Houston TX, 281-714-2050

El Paso Natural Gas Company

Pipeline Emergencies: 800-334-8047

SEOC – PRIVATE SECTOR SUPPORT STAFFING

PNM Resources

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Margaret Salazar

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NEW MEXICO ENERGY ASSURANCE PLAN

SEOC – ESF ANNEX 12 FEDERAL, STATE AND OTHER SUPPORT

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U.S. Department of Energy, National Energy Technology Laboratory

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National Association of State Energy Officials (NASEO)

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Los Alamos National Laboratory

Jeremy Grondin
Team Leader IRC
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Sandia National Laboratories

505-844-4418 Office

Waste Isolation Pilot Plant

Operations
575-234-8125 Office
575-234-8457 Cell

NEW MEXICO ENERGY ASSURANCE PLAN

Kirtland Air Force Base

Emergency Preparedness Liaison Officer
505-284-8109 Office

Holloman Air Force Base

575-772-7312 Office

Cannon Air Force Base

505-684-6401 Office

White Sands Missile Range (U.S. Army)

575-679-0134 Duty Desk
505-412-8009 Office

Bureau of Land Management (BLM)

505-438-7400 Office

U.S. National Fire Service

800-971-0100	Albuquerque	575-437-5147	Lincoln
800-538-1644	Gila	575-758-6352	Taos
575-438-7800	Santa Fe		

Navajo Nation

928-871-6912 Office

Renewable Energy Transmission Authority (RETA)

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Office of the State Engineer

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NEW MEXICO ENERGY ASSURANCE PLAN

NM Environment Department, Drinking Water Bureau – Water Hydrants Location

Joe Martinez, Bureau Chief
505-476-8620 Office
505-467-9415 Cell

Albuquerque Bernalillo County Water Utility Authority

Drinking Water

Kathryn Uhaf Logistics Chief, Drinking Water Plant
505-264-9684
505-681-0570

Albuquerque Southside Water Reclamation Plant

505-506-6021 Cell
505-873-7035 Office

END

New Mexico Emergency Support Function Annex 12 – Energy ELECTRIC SECTOR PLAN

Public Regulation Commission (PRC) - Public Sector

- The PRC's role as the coordinating agency for ESF Annex 12 – Energy is to staff the ESF-12 desk at the State Emergency Operations Center (SEOC) and maintain a situational awareness during an emergency, outage or curtailment to support a coordinated response for the restoration of public and private electric sector systems and components.
- The PRC is responsible for 6-deep staffing 12-hour shifts for two days and then 8-hour shifts for the remainder of SEOC emergency operations, as necessary.
- Pipeline and natural gas subject matter expert support should be obtained, on a case by case basis.
- Six (6) designated PRC employees are to receive a NMDHSEM identification badge and become indoctrinated in SEOC operations and status reporting requirements, and security procedures.

Electric Company(s) - Private Sector

- The electric company(s) involved in the emergency, outage or curtailment is requested to support the PRC's role at the SEOC ESF-12 desk by providing the information to maintain a situational awareness to support a coordinated response for the restoration of electric sector systems and components
- The electric company should provide subject matter expert support to the SEOC ESF-12 Desk, as necessary.
- Selected electric company employees are requested to become indoctrinated in SEOC operations, status reports and frequency requirements and security procedures.

Natural Gas Company(s) - Private Sector

- The interdependency of gas company(s) systems may require subject matter expert support at the SEOC ESF-12 desk by providing the information to maintain a situational awareness to support a coordinated response for the restoration of electric sector systems and components.

Pipeline Company(s) - Private Sector

- The interdependency of pipeline company(s) systems may require subject matter expert support at the SEOC ESF-12 desk by providing the information to maintain a situational awareness to support a coordinated response for the restoration of electric sector systems and components.

SEOC – ESF ANNEX 12 COORDINATING AGENCY

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rod.soleman@state.nm.us

Jack Sidler, Alternate
Electrical Engineer
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SEOC – PRC SUPPORT STAFFING

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SEOC – PRIVATE SECTOR SUPPORT STAFFING

PNM Resources

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Director, Power Operations
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505-269-6265 Cell
manuel.sanchez@pnm.com

Elizabeth Eden, NERC
Compliance
505-241-0676 Office
505-681-3487 Cell
Elizabeth.eden@pnmresources.com

Southwest Public Service

Amarillo, TX
806-378-2121

El Paso Electric Company

El Paso, TX
915-543-5711

Farmington Electric Utility Company

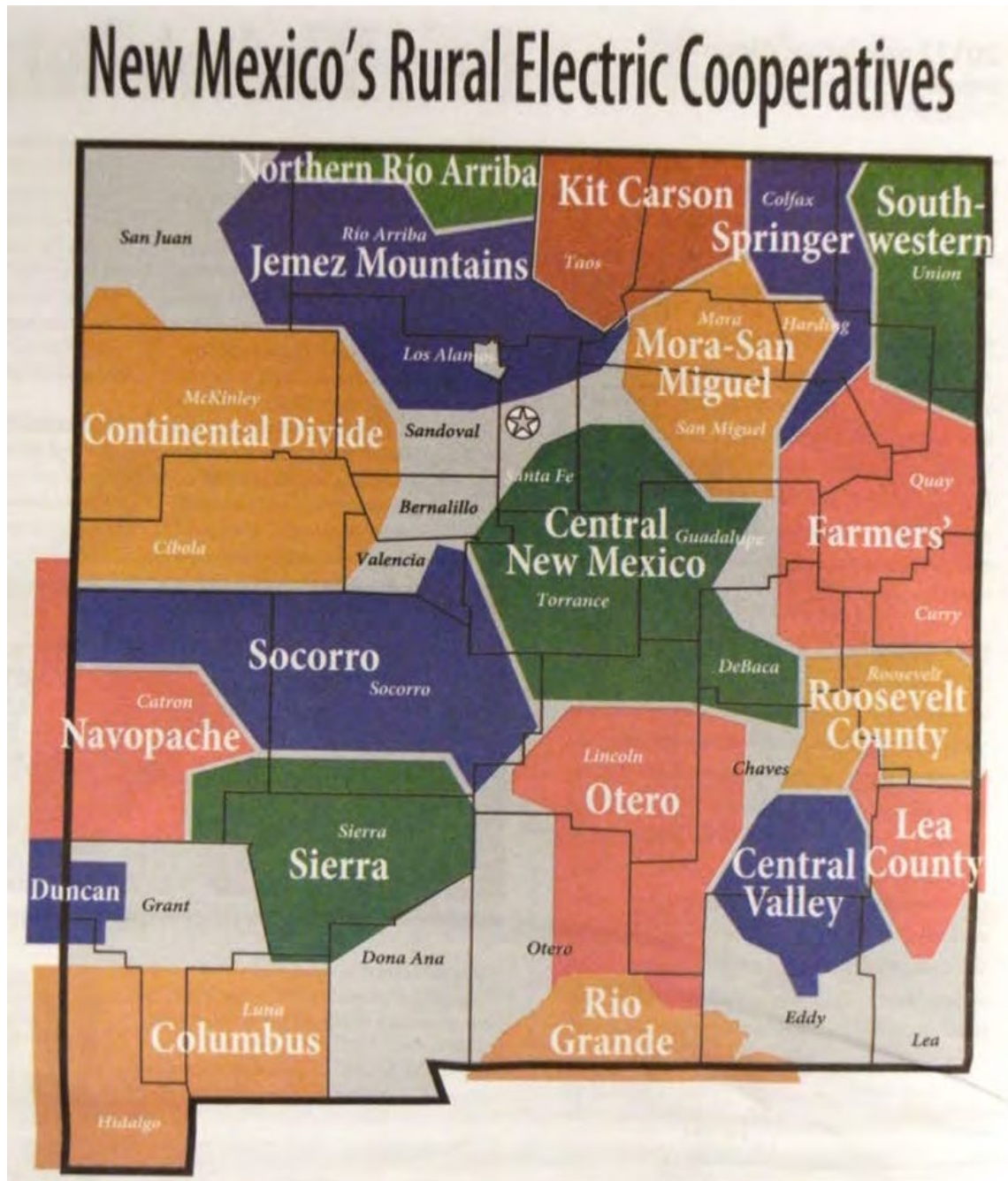
Farmington, NM
505-327-7701

Los Alamos Department of Public Utilities – Electric

Los Alamos, NM
505-662-8333

City of Gallup Utilities Division- Electric

Gallup, NM
505-863-1289
505-906-7698



NEW MEXICO ENERGY ASSURANCE PLAN

New Mexico Rural Electric Cooperative Association

Keven Groenwald, Director

Santa Fe, NM

505-982-4671

www.nmelectric.coop

www.enchantment.coop

NEW MEXICO ENERGY ASSURANCE PLAN

New Mexico Rural Electric Cooperative Association (Reference Map on Previous Page)

Central New Mexico Electric	Mountainair, NM	505-832-4483
Central Valley Electric	Artesia, NM	575-746-3571
Columbus Electric	Deming, NM	575-546-8838
Continental Divide Electric	Grants, NM	505-285-6656
Farmers' Electric	Clovis, NM	575-769-2116
Jemez Mountains Electric	Espanola, NM	505-753-2105
Kit Carson Electric	Taos, NM	575-758-2258
Lea County Electric	Lovington, NM	575-396-3631
Mora-San Miguel Electric	Mora, NM	575-387-2205
Northern Rio Arriba Electric	Chama, NM	575-756-2181
Otero County Electric	Cloudcroft, NM	575-682-2521
Roosevelt County Electric	Portales, NM	575-356-4491
Sierra Electric	Elephant Butte, NM	575-744-5231
Socorro Electric	Socorro, NM	575-835-0560
Southwestern Electric	Clayton, NM	575-374-2451
Springer Electric	Springer, NM	575-483-2421
Tri-State Generation & Transmission Association	Denver, CO	303-452-6111
Western Farmers Electric Cooperative	Anadarko, OK	405-247-3351

NEW MEXICO ENERGY ASSURANCE PLAN

SEOC – PRIVATE SECTOR SUPPORT STAFFING

New Mexico One Call, Inc.

811 or 260-1990
1-800-321-2537 (ALERT)
505-260-1165 Office
505-254-7302 Operations Manager
1-866-344-6662 Emergency Line Locate

New Mexico Gas Company

Chuck Thompson
Manager, Gas Admin, Control & Settlements
505-379-0196 Cell
505-697-3522 Office
chuck.thompson@nmgco.com

NEW MEXICO ENERGY ASSURANCE PLAN

SEOC – PRIVATE SECTOR SUPPORT STAFFING

Capitan – Carrizozo Natural Gas Company

575-354-2260

Zia Natural Gas Company

307-347-8821

Raton Natural Gas Company

575-445-3613

City of Las Vegas Gas Department

505-454-0265

Transwestern Pipeline Company

Houston, TX

281-714-2255 Help Desk

281-714-2050 Blair Lichtenwalter

El Paso Natural Gas Company

Pipeline Emergencies: 800-334-8047

SEOC – ESF ANNEX 12 PRIMARY AGENCY

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Jacqueline Waite

Clean Energy Specialist

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Adrienne.sandoval@state.nm.us

Erin Taylor

Bureau Chief

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SEOC – ESF ANNEX 12 SUPPORT AGENCIES

Bureau of Geology and Mineral Resources

New Mexico Institute of Mining and Technology, New Mexico Tech
505-344-5817

Pipeline Safety Bureau, Transportation Division, PRC

Jason N. Montoya

Bureau Chief

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jasonn.montoya@state.nm.us

Regulation and Licensing Department

Margaret Salazar

Superintendent

505-476-4583

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SEOC – ESF ANNEX 12 FEDERAL, STATE AND OTHER SUPPORT

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Sarah.gambil@cisa.dhs.gov

U.S. Department of Energy, National Energy Technology Laboratory

Robert W. Gross
ESF-12 Regional Coordinator (Region VI)
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304-285-4374 Office
robert.gross@hq.doe.gov

National Association of State Energy Officials (NASEO)

703-299-8800 Office
Alexandria, VA
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jarwood@naseo.org

Los Alamos National Laboratory

Jeremy Grondin
Team Leader IRC
505-667-2400 Office
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Sandia National Laboratories

505-844-4418 Office

Waste Isolation Pilot Plant

Operations
575-234-8125 Office
575-234-8457 Cell

NEW MEXICO ENERGY ASSURANCE PLAN

Kirtland Air Force Base

Jeremy Kirk
Installation Emergency Manager
505-853-4636 Office

Holloman Air Force Base

575-572-7381 Office

Cannon Air Force Base

505-784-4131 Office

White Sands Missile Range (U.S. Army)

505-678-2121 Office

Bureau of Land Management (BLM)

505-954-2000 Office

U.S. National Fire Service

800-971-0100	Albuquerque	575-437-5147	Lincoln
800-538-1644	Gila	575-758-6352	Taos
575-438-7800	Santa Fe		

Navajo Nation

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Renewable Energy Transmission Authority (RETA)

Fernando Martinez, Executive
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505-699-0599
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Office of the State Engineer

John Romero, WRAP Director
505-827-4187 Office
john.romero2@state.nm.us

NEW MEXICO ENERGY ASSURANCE PLAN

NM Environment Department, Drinking Water Bureau – Water Hydrants Location

Joe Martinez, Bureau Chief
505-476-8620 Office
505-467-9415 Cell

Albuquerque Bernalillo County Water Utility Authority

Drinking Water
Kathry Uhaf
505-842-9287 off

New Mexico Emergency Support Function Annex 12 – Energy

FUEL SECTOR PLAN (propane, gasoline, diesel)

Public Regulation Commission (PRC) - Public Sector

- The PRC's role as the coordinating agency for ESF Annex 12 - Energy is to staff the ESF-12 desk at the State Emergency Operations Center (SEOC) and maintain a situational awareness during an emergency, outage or curtailment to support a coordinated response for the restoration of public and private fuel sector systems and components involving propane, gasoline and diesel fuels.
- The PRC is responsible for 6-deep staffing 12-hour shifts for two days and then 8-hour shifts for the remainder of SEOC emergency operations, as necessary.
- Six (6) designated PRC employees are to receive a NMDHSEM identification badge, become indoctrinated in SEOC operations and status reporting requirements, and security procedures.

Fuel Company(s) - Private Sector

- The fuel company(s) involved in the emergency, outage or curtailment is requested to support the PRC's role at the SEOC ESF-12 desk by providing the information to maintain a situational awareness to support a coordinated response for the restoration of fuel sector systems and components
- A fuel company(s) is requested to provide subject matter expert support to the SEOC ESF-12 Desk, as appropriate
- Selected fuel company(s) employees are requested to become indoctrinated in SEOC operations, status reports and frequency requirements, and security procedures.

SEOC – ESF ANNEX 12 COORDINATING AGENCY

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Chief, Gas, Water and Wastewater Engineering Bureau
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Pipeline Safety Bureau, Transportation Division, PRC
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505-476-0253 Office
jasonn.montoya@state.nm.us

NEW MEXICO ENERGY ASSURANCE PLAN

SEOC – PRIVATE SECTOR SUPPORT STAFFING

Gasoline

New Mexico Oil and Gas Association
203 E. Santa Fe Avenue, Santa Fe, NM 87505
505-982-2568 Office

Independent Petroleum Association of New Mexico
P.O. Box 1836, Roswell, New Mexico, 88202
575-622-2566 Office

Petroleum Recovery Research Center
A Division of New Mexico Tech
801 Leroy Place, Socorro, NM 87801
575-835-5142 Office

New Mexico Petroleum Marketers Association
PO Box 92366, Albuquerque, NM 87199-2366
(505) 293-6250 Office

New Mexico Economic Development Department
Office of Business Advocacy
505-827-2486 Office

NMEMNRD, NM Energy Assurance Plan
NM Petroleum Suppliers/Transport List, pp. 66-71 (~250 companies)
Format: Company, City, Zip, Telephone

NEW MEXICO ENERGY ASSURANCE PLAN

Diesel

Wholesale Diesel Fuel

Bell Gas Company
Ruidoso Downs
575-378-4111

Clovis Bio-diesel
Clovis
575-762-9887

C&S Diesel Express
Portales
575-356-4495

Master Mechanics Service
Silver City
5765-534-9223

Moriarity Travel Center
Moriarity
505-832-9177

Shady Grove Diesel Service
Lordsburg
575-542-9506

Western Refinery Southwest Inc.
Los Ranchos de Albuquerque
505-899-9588

NEW MEXICO ENERGY ASSURANCE PLAN

Refineries

Navajo Refinery Company, LP
Artesia
575-748-3311

Navajo Refinery Company Trucking Division
Lovington
575-396-1068

Giant Industries ,Inc
Scottsdale, AZ
800-937-4937

Giant Industries, Inc. Refinery
Bloomfield
505-632-8013

Giant Industries, Inc., Ciniza Refinery
Gallup
505-722-3833

Conoco Refinery
Maljamar
575-676-2973

Western Refinery
Albuquerque
505-243-7735

SEOC – ESF ANNEX 12 PRIMARY AGENCY

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U.S. Department of Energy, National Energy Technology Laboratory

Robert W. Gross
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robert.gross@hq.doe.gov

National Association of State Energy Officials (NASEO)

703-299-8800 Office
Alexandria, VA

Los Alamos National Laboratory

Jeremy Grondin
Team Leader IRC
505-667-2400 Office
505-665-4009 Cell
Grondin@lanl.gov

Sandia National Laboratories

505-844-4418 Office

Waste Isolation Pilot Plant

Operations
575-234-8125 Office
575-234-8457 Cell

NEW MEXICO ENERGY ASSURANCE PLAN

Kirtland Air Force Base

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Installation Emergency Manager
505-853-4636 Office
505-246-1448 Cell
jkirk@sandia.gov

Holloman Air Force Base

575-572-7381 Office

Cannon Air Force Base

575-784-4131 Office

White Sands Missile Range (U.S. Army)

575-678-2121 Office

Bureau of Land Management (BLM)

505-954-2000 Office

U.S. National Fire Service

800-971-0100	Albuquerque	575-437-5147	Lincoln
800-538-1644	Gila	575-758-6352	Taos
575-438-7800	Santa Fe		

Navajo Nation

John Billison
928-871-6912 Office
505-236-0397 Cell
jbillison@yahoo.com

Renewable Energy Transmission Authority (RETA)

Fernando Martinez
Executive Director
505-699-0599 Office
505-699-0651 Cell
fernando@nmreta.net

NEW MEXICO ENERGY ASSURANCE PLAN

Office of the State Engineer

John Romero, WRAP Director
505-827-4187 Office
john.romero2@state.nm.us

NM Environment Department, Drinking Water Bureau – Water Hydrants Location

Joe Martinez, Bureau Chief
505-476-9415 Office

Albuquerque Bernalillo County Water Utility Authority

Drinking Water

Kathryn Uhaf
505-842-9287

Albuquerque Southside Water Reclamation Plant

Jeffrey J. Romanowski, Chief Engineer
505-506-6021 Cell
505-873-7035 Office
jromanowski@abcwua.org

END



STATE OF NEW MEXICO
ENERGY EMERGENCY
IMPLEMENTATION MANUAL



Energy Conservation and Management Division
New Mexico Energy, Minerals and Natural Resources Department

2008

NEW MEXICO ENERGY ASSURANCE PLAN

STATE ENERGY EMERGENCY PLAN

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NEW MEXICO ENERGY ASSURANCE PLAN

INTRODUCTION

This document describes (1) the energy emergency powers of the State of New Mexico; (2) some of the measures that the State may implement to deal with shortages of motor fuels; and (3) a Standard Procedure for the selection, implementation, monitoring, cancellation, and evaluation of those measures. The measures discussed here are options only; in an emergency they may not be implemented exactly as described. They are presented to provide state planners with a framework for designing emergency response measures and implementation procedures. Procedures for responding to electricity or natural gas supply disruptions would be addressed by New Mexico Public Regulation Commission in conjunction with individual utilities, oil/gas suppliers, pipeline companies, and others. In the event of such disruptions, the New Mexico Energy, Minerals and Natural Resources Department (EMNRD) will provide technical assistance to those producing and distributing industries which have their own emergency plans, and to other entities as requested. Disruptions with a potential negative impact on the general population will be addressed by the New Mexico Department of Public Safety. Please refer to Appendix D in the Implementation Manual for contacts.

A separate New Mexico Energy Emergency Plan Implementation Manual accompanies this Plan. The manual contains instructions, forms, and other documents for use in administering specific measures.

The likelihood that some of the emergency response measures described in this Plan will have to be implemented before the year 2010 is great, as over 60 percent of the crude oil and petroleum products consumed in the U.S. are imported, and about 38 percent of the world supply comes from the politically unstable Middle East. Further, although New Mexico, with its four refineries and estimated 718 million barrels of proven reserves, might seem to have the capability of supplying its own emergency petroleum needs, no New Mexico oil (or propane, or natural gas) is earmarked for in-state emergency use.

New Mexico consumes an unusually high proportional amount of gasoline but very little heating oil. The state ranks second in annual per capita vehicle miles traveled (approximately 10,000 miles). It is large, poor, sparsely populated, and traversed by mountain ranges. Yet the New Mexico economy, like that of the rest of the country, is commuter-dependent. The total annual average daily traffic volume both ways between Santa Fe and Albuquerque alone is 38,560 vehicles, according to the New Mexico Department of Transportation. Many of these vehicles are commuting. They cover a total intercity distance of over 2,319,000 miles per day, or the equivalent of 92.00 trips around the world at the equator. Similar statistics could be extrapolated for commuter traffic over the highways connecting El Paso, Las Cruces, White Sands, and Alamogordo, and for those connecting Santa Fe, Los Alamos, and Espanola.

Early in the 21st century a sudden and severe decrease in crude oil availability will almost inevitably occur as a result of the depletion of world reserves. Whether or not that event will necessitate the implementation of emergency measures stricter than those described in this plan appears to depend mainly on the future availability of alternative motor fuels (AMFs), AMF distribution systems, and AMF compatible vehicles.

NEW MEXICO ENERGY ASSURANCE PLAN

Federal Energy Emergency Policy

The current policy of the federal government is to deal with crude oil supply disruptions by relying on the market to correct itself and drawing, if necessary, from the Strategic Petroleum Reserve (SPR), a federally owned stock of crude oil stored in Louisiana and Texas. The SPR was authorized by Congress in 1975 to reduce the impact of disruptions in petroleum supplies and to carry out the obligations of the United States under the International Energy Program. The President decides when to use the SPR and at what rate. Sale is by competitive bidding; the buyer is responsible for transporting its purchase of crude oil from the storage site. The current SPR storage capacity is 700 million barrels with a current inventory of approximately 542 million barrels. Oil can be pumped from the reserve at a maximum rate of 4.1 million barrels per day for a period of up to 90 days, then the drawdown rate begins to decline as the caverns are emptied. At 1 million barrels per day, the reserve can release oil into the market continuously for nearly a year and a half.

In addition to maintaining an emergency fuel supply, the federal Department of Energy (DOE) manages the distribution to the states of congressionally allocated energy conservation and Oil Overcharge funds. The states use these funds to implement a number of energy conservation projects. In a regional, state, or national energy emergency, New Mexico, with the assistance of its DOE Support Office, will reprogram funds within its approved State Energy Program grants for emergency activities. In state or regional emergencies, DOE will permit reprogramming only after the grounds for declaring an emergency have been validated by the appropriate DOE authority.

Federal and State Supply/Price Monitoring

DOE periodically transmits supply situation reports, projections, and other useful information to the states. The State receives monthly sales reports from the oil companies (Form EIA 782-C) and further monitors price and supply through the Lundberg Letter; the Wall Street Journal; the Santa Fe and Albuquerque newspapers; other national and local news sources; eyewitness observation of pump prices in Santa Fe and Albuquerque; communications from the National Association of State Energy Officials and the Western Interstate Energy Board; and, in emergencies, contact with suppliers, distributors, and retailers, the American Automobile Association, the New Mexico Oil and Gas Association and the New Mexico Petroleum Marketers Association.

PART ONE

AUTHORITIES FOR ENERGY EMERGENCY PLAN

The authorities for this Plan are the New Mexico Energy, Minerals and Natural Resources Department Act (Sections 9-5A-1 to 9-5A-7 NMSA 1978) and the New Mexico Energy Emergency Powers Act (Sections 12-12-1 to 12-12-9 NMSA 1978). Copies of the two acts are provided as appendices to this plan.

Section 9-5A-4(B) of the first of these two acts provides that “in addition to the duties assigned to each division of the energy, minerals and natural resources department by the secretary of energy, minerals and natural resources ... the energy conservation and management division shall plan,

NEW MEXICO ENERGY ASSURANCE PLAN

administer, review, provide technical assistance, maintain records and monitor state and federal energy conservation and alternative energy technology programs.”

The second act empowers the governor to declare energy supply alerts and energy emergencies. Section 12-12-3.A. states that after declaring an energy alert the governor “may issue executive orders directed at state agencies and political subdivisions ... [which] orders may include but are not limited to ... (1) imposition of restrictions on any wasteful, inefficient or nonessential use of energy resources; (2) ordering changes in operation schedules and working hours; (3) curtailing the use of land vehicles, watercraft and aircraft; and (4) such other provisions as are deemed necessary to reduce the consumption of energy resources.”

Section 12-12-3(B) states that, upon declaring an energy emergency, the governor may issue executive orders including the following provisions:

- (1) Imposition of restrictions on any wasteful, inefficient or nonessential use of energy resources;
- (2) Allocation of available supplies of energy resources among areas, users, persons or categories of persons or users. [...];
- (3) Regulation of the days and times when energy resources may be sold to end users and the amounts which may be sold or purchased;
- (4) Regulation of the hours and days during which nonresidential buildings may be open and the temperature at which they may be maintained; and
- (5) Such provisions as may be necessary to assure that adequate transportation facilities exist to supply the energy needs of this state.

The State Energy Efficiency Programs Improvement Act of 1990 authorizes DOE to require states to submit Energy Emergency plans for DOE review.

Appendix B

PART TWO:

MEASURES FOR RESPONDING TO

MOTOR FUEL PRICE OR SUPPLY DISRUPTIONS

This section describes three different measures that can be used to respond to motor fuel price or supply disruptions. These are:

Consumer-Determined Measures
Supply Alert Measures
Energy Emergency Measures

CONSUMER-DETERMINED MEASURES

Definition

Consumer-determined measures are measures chosen for implementation by consumers following an announcement by the governor that fuel price increases may cause some New Mexico consumers to experience unusual inconvenience. The purpose of these measures is primarily to decrease demand, thereby reducing prices or the rate of price increases, and secondarily to decrease the likelihood or severity of an anticipated minor shortage. These measures are a matter of consumer choice, and the consumer can decide not to implement any measures without risking governmental sanction. State executive agencies, however, will be compelled to implement a savings program pursuant to the governor's direction.

Implementation

The governor, upon finding it appropriate to call for the implementation of consumer-determined motor fuel conservation measures, will:

- Instruct his cabinet secretaries to institute measures within their departments and to report departmental fuel savings to his office within a specified period of time.
- Recommend that each department strive for savings of at least four percent.
- Send letters to all of the heads of local governments in New Mexico, recommending that they implement consumer-determined measures within their administrations.
- Appeal to the public to conserve fuel through such voluntary initiatives as speed reduction, vehicle tune-ups, tire pressure adjustments, carpooling and the avoidance of unnecessary trips.

The governor may recommend that employers throughout the state assign to their employees work tasks that can be accomplished at home, thus reducing commuter travel hours.

SUPPLY ALERT MEASURES

Definition

Supply alert measures are appropriate when the governor believes an impending or existing minor shortage of motor fuel may cause some New Mexico consumers to experience unusual

NEW MEXICO ENERGY ASSURANCE PLAN

inconvenience. These measures are mandatory for State agencies and political subdivisions. The five percent minimum decrease in fuel consumption will not be required of entities that have already reduced consumption by at least five percent in response to the governor's previous request for the implementation of consumer-determined measures. Thus the governmental entities that will be most affected by the declaration of a supply alert are those not responding to the earlier request. Also, it should be noted that the monitoring and reporting procedure implemented by the State agencies and political subdivisions during supply alerts is more detailed than the procedure they follow for monitoring and reporting consumer-determined measures.

Implementation

As stated in the attached New Mexico Energy Emergency Powers Act, energy supply alert status is entered through formal gubernatorial declaration and may entail the issuance of executive orders directed to State agencies and political subdivisions.

In a supply alert, the governor will order each cabinet secretary or State agency head, and each head of every political subdivision in the state, to do the following:

- (a) Ensure that every government vehicle under agency or subdivision control is inspected with the least possible delay and that, whenever a vehicle engine is found to be operating inefficiently, it will be tuned or replaced or the vehicle will be retired from service;
- (b) Institute programs for regular engine and tire inspection, tire pressure adjustment, and engine repair;
- (c) Ensure that opportunities for ridesharing within the agency or subdivision are maximized, reducing the total miles traveled by government vehicles insofar as possible without curtailing services to the public;
- (d) Ensure that, by the implementation of these measures, at least a five percent annual overall fuel savings will be obtained, when projected yearly consumption is compared with that of the year previous to the issuance of the order; and
- (e) Submit to EMNRD a one-page semi-annual (January-June, July-December) report, estimating cumulative fuel savings to date and savings for the last six months.

The order will further require that EMNRD do the following:

- (a) Provide advice and counseling to ensure that each agency or political subdivision can achieve the fuel savings goal;
- (b) Assist the agencies and subdivisions in developing a procedure for compiling statistics on fuel savings;
- (c) Provide the agencies and subdivisions with a one-page semi-annual fuel savings report form; and

(d) Receive the agency and subdivision semi-annual fuel savings reports and submit a semi-annual summary report to the governor.

ENERGY EMERGENCY MEASURES

Definition

Energy emergency status is entered through formal gubernatorial declaration and may entail the issuance of executive orders and the taking of such steps as are necessary and appropriate to protect the peace, health, safety, and welfare and preserve the lives and property of the people of New Mexico.

Implementation

The governor, in declaring an energy emergency, may issue orders not only to State agencies and political subdivisions, but also to the private sector, restricting nonessential consumption, mandating the implementation of a set-aside program, or requiring that other specified measures be taken in response to an actual or anticipated serious shortage of energy resources. EMNRD will coordinate the implementation of the measures and monitor and evaluate their effectiveness.

• Emergency Measure # 1: Speed Limit Reduction

Description

All speed limits above 55 mph will be reduced to 55 mph. All other speed limits will remain unchanged.

Implementation Team

New Mexico Department of Transportation
New Mexico Public Safety Department, State Police Division

Principal Effects

Reducing the speed limit is expected to produce a reduction in average vehicle speed on affected highways, an increase in vehicle fuel efficiency, and may cause a modest reduction in long-distance travel. The fuel saved is then available for other purposes. If gasoline lines are present, they will be shortened, but at a cost of increased travel times.

Advantages

The measure can be implemented fairly quickly (in a matter of weeks) and would be no more difficult to enforce than the present speed limit. The reduced consumption of motor fuel will decrease the flow of money leaving the state.

Disadvantages

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The measure affects only roads with speed limits above 55 mph and so would have little effect on urban fuel consumption. Travel times on these 55+ mph roads will be increased. Since commercial transit time is generally more highly valued than that of personal travel, this measure seems inequitable to the commercial sector. Increased travel time reduces the utility of commercial vehicles.

Conclusions

When there are long gasoline lines or when the pump price of motor fuels becomes very high, this measure should be considered. Under other conditions, the costs of the measure outweigh the benefits. Speed limit reduction appears compatible with other emergency response measures.

• Emergency Measure # 2: Odd-Even Motor Fuel Purchase Plan

Description

Drivers of personal vehicles registered in New Mexico will be allowed to purchase fuel only every other day. Prohibited days will be based upon a code keyed to the digits and letters of license tags. Commercial, tourist, and emergency vehicles will be exempt from this measure.

Implementation Team

New Mexico Taxation and Revenue Department
Motor Vehicle Division
New Mexico Department of Agriculture.

Principal Effects

This plan will curtail some long-distance driving by restricting the range of a vehicle on its prohibited refueling day to the maximum range of one tank of fuel. If gasoline lines are present, they will be shortened somewhat. Overall fuel demand will be reduced.

Advantages

The measure is readily understood and could be implemented quickly. It would tend to shorten gasoline lines. Vehicles eligible to refuel on a given day could be easily identified.

Disadvantages

The measure curtails some highly valued driving. It is inequitable to motorists who need to drive long distances on a daily basis or on a particular day and who are willing to pay the pump price for fuel. Problems with stockpiling, unsafe fuel storage, siphoning, license tag switching, or other forms of noncompliance could arise. Multiple-vehicle households could easily circumvent the plan. It could be conducive to violent confrontations in retail outlets between non-complying motorists and other persons.

Conclusions

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The measure is more or less unfair, dangerous, and difficult to enforce.

• **Emergency Measure # 3: Maximum/Minimum Fuel Purchasing**

Description

With a minimum purchase plan, vehicle operators must buy a minimum number of gallons (typically five) of motor fuel. If less fuel is required to fill the vehicle's tank, the consumer must still pay for the specified amount. Motorists will not be allowed to use an external container to hold any excess fuel. In a maximum purchase plan, motorists may buy no more than a set number of gallons (typically 10). These plans may be implemented separately or in combination. Emergency, commercial, and out-of-state tourist vehicles, and motorcycles and mopeds, would be exempt from both measures. Service station operators would be expected to enforce the requirements.

Implementation Team

To be determined by the Governor's Office but including:
New Mexico Taxation and Revenue Department
Motor Vehicle Division

Principal Effects

The minimum purchase plan might not reduce tank topping, but at least it would tend to ensure that a certain amount of consumption occurred before the tank was filled, i.e., fewer cars would be operated with full or nearly full tanks. The maximum purchase plan would tend to decrease tank topping and thus would have the same general effect. The maximum purchase plan would also tend to increase equity of supply distribution. Individually or in combination, these plans might prove useful for reducing the incidence of line disturbances for increasing the appearance of equity.

Advantages

These plans are quick and easy to implement, and they would reduce fuel consumption.

Disadvantages

As minimum purchase requirements are increased, they become inequitable to owners of small cars. The principal disadvantage of a maximum purchase plan is the irritation to consumers having to wait in gasoline lines repeatedly in order to fill their tanks. As with all plans that regulate purchase at the pump, the burden of enforcement falls on the service station operator.

Conclusions

Although there is some uncertainty regarding the effects of minimum and maximum purchase requirements, it appears that by making tank topping inconvenient the two measures would reduce the frequency of its occurrence. This would decrease aggregate vehicle weight on New Mexico highways, increase aggregate fuel efficiency, and prevent the market from reacting with higher prices to artificial shortages created by what is in fact a kind of hoarding.

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• **Emergency Measure # 4: Non-Driving Days**

Description

This measure prohibits use of personal vehicles on one or more days each week. Owners of personal vehicles licensed in New Mexico will be required to display prominently nontransferable stickers that indicate the day or days the vehicle may not be driven. All vehicles owned by members of the same household will be prohibited from driving on the same day.

Implementation Team

New Mexico Taxation and Revenue Department
Motor Vehicle Division

Principal Effects

The measure restricts consumption by personal vehicles, thereby making more fuel available for commercial, tourist, and emergency use.

Advantages

The measure will significantly reduce motor fuel demand. If there are gasoline lines it will reduce the amount of time consumers spend refueling. The redistribution of fuel from personal to commercial and tourist use may lessen the adverse impact of the shortage on the state's economic health. The rate of cash flow out of the state may diminish.

Disadvantages

Administrative and enforcement costs will be considerable. Since severe hardships and inequities will be created, a program of consumer exemptions will have to be instituted; the number of lawsuits brought by the State and against the State will increase.

Conclusions

This measure will be cost effective only in a severe, prolonged crisis.

• **Emergency Measure # 5: Motor Fuel Set-Aside Program**

Description

The governor's emergency powers enable him to authorize EMNRD to operate a motor fuel set-aside program. Because in an emergency there would not be time to plan such a program, one has been pre-designed. The program requires that each major oil company which supplies, sells, markets, or distributes refined petroleum products in New Mexico set aside up to three percent of its total projected sales of motor fuels each month. EMNRD will direct the sale of this set-aside fuel to retail stations in areas of the state where there is a supply imbalance, or to bulk purchasers demonstrating to the department that they need the product for the performance of essential public services.

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Implementation Team

Energy, Minerals and Natural Resources Department
Energy Conservation and Management Division

Principal Effects

The program quickly provides additional supplies of motor fuels to users experiencing an emergency or severe hardship caused by a shortage.

Advantages

The program provides a mechanism for maintaining essential services and for mitigating dealer and consumer hardship.

Disadvantages

Applicants for set-aside fuel may claim emergency or hardship when these conditions do not exist, and verification of the information that they submit in support of their improper requests may be excessively difficult.

Conclusions

This program has been used and proven effective. It is understood by the oil companies; and its success, in the absence of federal regulations, depends on their cooperation.

PART THREE: ENERGY EMERGENCY RESPONSE PROCEDURES

The following flow chart illustrates the decision-making, implementation, and monitoring process for energy emergency measures.

Upon determining that the declaration of an energy emergency may be necessary (Decision “A”), EMNRD will prepare a description of appropriate response measures and submit that description, along with the rationale for an emergency declaration, to the governor. The governor will then decide upon a course of action (Decision “B”).

If the governor declares an energy emergency, EMNRD will monitor and evaluate the measures implemented pursuant to the declaration or to related executive orders.

One week before the legal expiration of the emergency period, or earlier if EMNRD has determined that the emergency program should be significantly altered or discontinued, EMNRD will ask the governor to:

- Reissue the declaration and orders, or
- Rescind the declaration and orders, or
- Reissue the declaration with revised orders, or

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- Revise the orders without reissuing the declaration (Decision “C”).

PART FOUR: PUBLIC INFORMATION

Informing the public about the causes and effects of an energy crisis and about the nature and significance of available responses is an important energy emergency priority. An environment rich in accurate information should encourage voluntary energy conservation and public support for the State’s policies. In an emergency EMNRD, utilizing all appropriate informational sources at its disposal, will draft the governor’s energy emergency orders and related public announcements. These announcements will be designed to inform and encourage the public and to prevent the spread of rumors that might cause overreactions or under-reactions to the crisis. To the best of its ability, EMNRD will remain continually aware of public opinions and attitudes, and prepare its announcements with a view to correcting common misconceptions and nullifying invalid concerns, should any such concerns or misconception exist.

EMNRD’s informational role will, however, be strictly advisory. The governor or his designated spokespersons will make all public announcements having to do with energy supply shortages or price increases.

Appendix B – Article 5A EMRND

ARTICLE 5A Energy, Minerals and Natural Resources Department

Sec.

9-5A-1. Short title.

9-5A-2. Purpose.

9-5A-3. Department established.

9-5A-4. Divisions; duties.

Sec.

9-5A-5. Secretary of energy minerals and natural resources; appointment.

9-5A-6. Divisions; directors.

9-5A-7. Bureaus; chiefs.

Sections 1 through 7 [9-5A-1 to 9-5A-7 NMSA 1978] of this act may be cited as the “Energy, Minerals and Natural Resources Department Act”.

History: Laws 1987, ch. 234, § 1.

9-5A-2. Purpose.

The purpose of the Energy, Minerals and Natural Resources Department Act [9-5A-1 to 9-5A-7 NMSA 1978] is to establish a single, unified department to administer laws, exercise functions formerly administered and exercised by the energy and minerals department and the natural resources department.

9-5A.3. Department established.

A. There is created in the executive branch the “energy, minerals and natural resources department”. The department shall be a cabinet department and shall include, but not be limited to, the following organizational units:

- (1) the administrative services division;
- (2) the state park and recreation division;
- (3) the forestry division which shall include a soil and water conservation bureau;
- (4) the energy conservation and management division;
- (5) the mining and minerals division; and
- (6) the oil conservation division.

B. The state game commission is administratively attached to the department.

9-5A-4. Divisions; duties.

In addition to the duties assigned to each division of the energy, minerals and natural resources department by the secretary of energy, minerals and natural resources:

- A. the administrative services division shall provide clerical, record keeping and administrative support to the department in the areas of personnel, budget, procurement and contracting;
- B. the energy conservation and management division shall plan, administer, review, provide technical assistance, maintain records and monitor state and federal energy conservation and alternative energy technology programs;
- C. the forestry division shall enforce and administer all laws and regulations relating to forestry and soil and water conservation on lands within the state;
- D. the mining and minerals division shall enforce and administer laws and regulations relating to

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mine safety, coal surface mine reclamation and abandoned mine lands reclamation;

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- E. the oil conservation division shall administer the laws and regulations relating to oil, gas and geothermal resources except those laws specifically administered by another authority; and
- F. the state park and recreation division shall develop, maintain, manage and supervise all state parks and state-owned or state-leased recreation areas.

9-5A-5. Secretary of energy, minerals and natural resources; appointment.

- A. The administrative head of the energy, minerals and natural resources department is the “secretary of energy, minerals and natural resources”, who shall be appointed by the governor with the consent of the senate and who shall serve in the executive cabinet.
- B. An appointed secretary of energy, minerals and natural resources shall serve and have all of the duties, responsibilities and authority of that office during the period of time prior to final action by the senate confirming or rejecting his appointment.

History: Laws 1987, ch. 234, § 5.

9.5A-6. Divisions; directors.

The secretary of energy, minerals and natural resources shall appoint, with the approval of the governor, directors of the divisions established within the energy, minerals and natural resources department. Division directors are exempt from the Personnel Act.

History: Laws 1987, ch. 234, § 6.

Personnel Act. --See 10-9-1 NMSA 1978 and notes thereto.

9-5A.7. Bureaus; chiefs.

The secretary of energy, minerals and natural resources shall establish, within each division of the energy; minerals and natural resources department, such bureaus as he deems necessary to carry out the provisions of the Energy, Minerals and Natural Resources Department Act [9-5A-1 to 9-5A-7 NMSA 1978]. He shall employ a chief to be the administrative head of each bureau. The chiefs and all subsidiary employees of the department shall be covered by the Personnel Act.

History: Laws.1987, ch. 284, § 7.

Appendix C – Article 12 Energy Emergency Powers

ARTICLE 12 Energy Emergency Powers

Sec. Sec.

12-12-1. Short title. 12-12-5. Termination of emergency or alert.

12-12-2. Definitions. 12-12-6. Legislative extension; reduction; suspen

12-12-3. Energy supply alert; energy emergency; sion.

powers of the governor. 12-12-7. Penalties and enforcement.

12-12-4. Delegation; administration and enforce- 12-12-8. Repealed.

ment. 12-12-9. Liberal interpretation.

12-12-1. Short title.

This act may be cited as the “Energy
Emergency Powers Act” [12-12-1 to 12-12-9 NMSA 1978]

History: Laws 1980, ch. 107, § 1. Natural Resources Department Act, see 9-5A-1

Cross references. --For Energy, Minerals and NMSA 1978 et seq.

12-12-2. Definitions.

As used in the Energy Emergency Powers Act [12-12-1 to 12-12-9 NMSA 1978]:

A. “energy emergency” means an existing or imminent domestic, regional or national shortage of energy resources which may result in the curtailment of essential services or production of essential goods or the disruption of significant sectors of the economy or have a severe impact on the health, safety and general welfare of the citizens of this state unless action is taken to conserve or limit the use of the energy form involved and the allocation of available energy resources among users;

B. “energy resource” means petroleum or other liquid fuels, natural or synthetic fuel gas, electricity, coal, synthetic fuel or its components;

C. “energy supply alert” means an anticipated shortfall of available energy resources on a national, regional or local basis which foreseeably could result in an energy emergency unless action is taken to reduce energy uses by the state, its agencies and political subdivisions; and

D. “person” means an individual, partnership, joint venture, private or public corporation, cooperative, association, firm, public utility, political subdivision, municipal corporation, government agency, joint operating agency or any other entity, public or private, however organized.

12-12-3. Energy supply alert; energy emergency; powers of the governor

A. The governor, after making written findings of the grounds upon which he bases his decision, may issue a declaration that an energy supply alert exists. The governor shall publish his declaration and the findings upon which it is based along with any orders issued pursuant to the declared alert. After declaring that the state or any region thereof is in an alert status the governor may issue executive orders directed at state agencies and political subdivisions of the state. Such orders may include but are not limited to the following provisions:

(1) imposition of restrictions on any wasteful, inefficient or nonessential use of energy resources;

(2) ordering changes in operation schedules and working hours;

(3) curtailing the use of land vehicles, watercraft and aircraft; and

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(4) such other provisions as are deemed necessary to reduce the consumption of energy resources.

B. The governor, upon termination of an energy supply alert or after determining that the declaration of an energy supply alert would be insufficient to meet the situation facing the people of New Mexico and after making written findings of the grounds upon which he bases his decision that an energy emergency exists, which findings shall be provided the presiding officer of each house of the legislature, may issue a declaration that such an emergency exists. Upon the issuance and publication of such a declaration and the written determination of need, the governor may issue executive orders and may take such steps as are necessary and appropriate to carry out the provisions of the Energy Emergency Powers Act [12-12-1 to 12-12-9 NMSA 1978] and generally to protect the peace, health, safety and welfare and preserve the lives and property of the people of this state. Executive orders may include but are not limited to the following provisions:

- (1) imposition of restrictions on any wasteful, inefficient or nonessential use of energy resources;
- (2) allocation of available supplies of energy resources among areas, users, persons or categories of persons or users. In allocating available resources the governor shall give priority to energy resource use essential to public health and safety, and shall thereafter attempt to allocate the remaining supply equitably;
- (3) regulation of the days and times when energy resources may be sold to end users and the amounts which may be sold or purchased;
- (4) regulation of the hours and days during which nonresidential buildings may be open and the temperature at which they may be maintained; and
- (5) such provisions as may be necessary to assure that adequate transportation facilities exist to supply the energy needs of this state.

C. The governor shall review the requests of the chief executive of political subdivisions that the governor issue orders to require specific actions to be taken within those subdivisions. The governor may grant those requests he deems in the best interest of the state and may delegate to the political subdivisions such powers as he determines would best be vested in local entities.

D. Executive orders issued pursuant to this section shall take effect three days after publication in a manner designed to assure statewide notification. In addition, executive orders issued hereunder are exempt from the provisions of the State Rules Act [Chapter 14, Article 4 NMSA 1978].

History: Laws 1980, ch. 107, § 3.

12-12-4. Delegation; administration and enforcement.

Notwithstanding any other provision of law, the governor or his designee may administer and enforce energy conservation measures under a delegation of authority pursuant to Title 2 of the federal Emergency Energy Conservation Act of 1979, 42 U.S.C. Sections 8501 through 8541 (1979).

History: Laws 1980, ch. 107 § 4.

12-12-5. Termination [of emergency or alert].

Whenever the governor is satisfied that any energy emergency or energy supply alert no longer exists, he shall terminate the emergency or alert by another declaration. The declaration shall be published in such newspapers of the state and posted in such places as the governor deems appropriate.

History: Laws 1980, ch. 107, § 5.

Cross references. – As to publication of legal notices,

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See 14-11-1 NMSA 1978 et seq.

12-12-6. Legislative extension; reduction; suspension.

In no event shall any executive order issued pursuant to the powers granted in Subsection B of Section 3 [12-12-3 NMSA 1978] of the Energy Emergency Powers Act continue in effect for more than one hundred twenty days unless extended, restricted or suspended by joint resolution of the legislature in regular, extraordinary or special session.

History: Laws 1980, ch. 107, § 6.

12-12-7. Penalties and enforcement.

Any person who violates any provision of the Energy Emergency Powers Act [12-12-1 to 12-12-9 NMSA 1978] or any provision of an executive order issued thereunder is, upon conviction, guilty of a misdemeanor. Every day of violation after notice of violation shall constitute a separate offense. The attorney general shall be responsible for prosecuting violations charged under the Energy Emergency Powers Act and may petition the district court for injunctive relief to prevent any future violation of that act.

History: Laws 1980, ch 107, § 7.

Cross references. – As to sentencing for misdemeanors,
See 31-19-1 NMSA 1978.

12-12-8. Repealed.

Repeals. – Laws 1983, ch. 39, § 1, repeals 12-12-8 NMSA 1978, relating to the July 1, 1983 termination of the Energy Emergency Powers Act.

Laws 1983, ch. 39, contains no effective date provision, but was enacted at the session which adjourned on March 19, 1983. See N.M. Const., art. IV, § 23.

12-12-9. Liberal interpretation.

The Energy Emergency Powers Act [12-12-1 to 12-12-9 NMSA 1978] shall be liberally construed to carry out its purpose.

History: Laws 1980, ch. 107, § 9.

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Appendix D – Underground Fuel Storage Contact List

NEW MEXICO UNDERGROUND FUEL STORAGE TANK CONTACT LIST

FACILITY	ADDRESS	CITY	FACILITY OWNER	PHONE_NUM
AIRPORT SHELL	7510 AIRPORT RD	SANTA FE	BREWER OIL COMPANY	505-884-2040
AIRPORT TOWN OF CLAYTON	WATER ST	CLAYTON	ROY POGUE E WHOLESALE INC	505-374-9641
ALAMEDA CHEVRON	5980 ALAMEDA BLVD NE	ALBUQUERQUE	ALAMEDA PROPERTY LLC	208-523-6582
ALBUQUERQUE ASPHALT	202 94TH ST SW	ALBUQUERQUE	ALBUQUERQUE ASPHALT INC	505-831-7311
BREWER OIL ABQ CARDLOCK BULK PLANT	3200 CANDELARIA NE	ALBUQUERQUE	BREWER OIL COMPANY	505-884-2040
ALBUQUERQUE SERVICE CENTER	4201 EDITH NE	ALBUQUERQUE	PUBLIC SERVICE COMPANY OF NEW MEXICO (PNM)	505-241-2003
ALLSUPS - NO120	1618 S UNION	ROSWELL	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO121	1618 SE MAIN	ROSWELL	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO32	445 S 3RD	JAL	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO127	1325 S AVE D	PORTALES	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO155	6111 S MAIN BASE GATE	ROSWELL	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO160	2515 W 2ND	ROSWELL	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO123	14TH AND NORRIS	CLOVIS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO002	2600 W SEVENTH	CLOVIS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO201	2302 W TEXAS	CARLSBAD	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO195	2417 W PIERCE	CARLSBAD	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 203	1910 W MAIN	ARTESIA	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 202	800 S FIRST	ARTESIA	ALLSUPS CONVENIENCE STORES INC	505-769-2311

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ALLSUPS 211	1303 HERMOSA DR	ARTESIA	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO190	1010 S CANAL	CARLSBAD	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO179	1101 W LEA	CARLSBAD	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO171	1500 MABRY DR	CLOVIS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 53	1320 N PRINCE	CLOVIS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 248	2121 W 21ST	CLOVIS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 4	800 W 21ST	CLOVIS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO287	HWY 70 E	ELIDA	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 286	501 W MCGAFFEY	ROSWELL	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 291	1485 WILL ROGERS	SANTA ROSA	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 335	2501 N MAIN ST	ROSWELL	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS -NO343	127 HWY 70 E88346	RUIDOSO DOWNS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO341	311 SUDDERTH	RUIDOSO	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO339	2820 SUDDERTH	RUIDOSO	ALLSUPS CONVENIENCE STORES INC	505-769-2311

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ALLSUPS 340	723 MECHEM	RUIDOSO	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 338	100 WHITE SANDS BLVD	ALAMOGORDO	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 312	1520 WHITE SANDS BLVD	ALAMOGORDO	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 95	10TH AND SCENIC 822 SCENIC DR	ALAMOGORDO	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 262	HWY 285 N	VAUGHN	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 261	200 W FIRST ST	DEXTER	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO109	503 S MAIN	LOVINGTON	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO30	1801 S AVE I	PORTALES	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO118	810 W AVE D	LOVINGTON	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 5	301 N PRINCE	CLOVIS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO15	120 N CHICAGO	PORTALES	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 31	321 MAIN ST	CLAYTON	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO117	1608 S MAIN	LOVINGTON	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 37	325 N DAL PASO	HOBBS	ALLSUPS CONVENIENCE STORES INC	505-769-2311

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ALLSUPS 36	2810 LOVINGTON HWY	HOBBS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 44	700 S PRINCE	CLOVIS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 45	BASE GATE HWY 311	CLOVIS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO3	105 E MAIN	HOBBS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 6	1100 E SANGER	HOBBS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 46	403 N MAIN	PORTALES	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 64	1020 MITCHELL	CLOVIS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO63	101 W BROADWAY	TATUM	ALLSUPS CONVENIENCE STORES INC	505-769-2311
BELL GAS 1186	101 SUN VALLEY RD	ALTO	BELL GAS INC	575-622-4800
87 EXPRESS	931 CLAYTON RD	RATON	ROSS OIL CO INC	505-483-2633
CIRCLE K 6293	9811 MONTGOMERY NE	ALBUQUERQUE	PCF SALECO LLC	303-867-6244
BELAIRE EXXON SERVICE STATION	2228 N DAL PASO	HOBBS	PEARSON OIL CO INC	505-393-5135
BELL GAS 1149	1965 W PICACHO	LAS CRUCES	BELL GAS INC	575-622-4800
BELL GAS 143	2207 S PRINCE	CLOVIS	BELL GAS INC	575-622-4800
ALLSUP'S 80	1040 GRAND AVE	LAS VEGAS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
BELL GAS 191	1505 HWY 180 E	SILVER CITY	BELL GAS INC	575-622-4800
BELL GAS 248	610 W 2ND	ROSWELL	BELL GAS INC	575-622-4800
BELL GAS 62	824 W MERMOD	CARLSBAD	BELL GAS INC	575-622-4800
BELL GAS CORONA	ONE FOURTH MILE E ON HWY 42 N SIDE OF RD	CORONA	BELL GAS INC	575-622-4800

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BERNALILLO COUNTY	2400 BROADWAY SE	ALBUQUERQUE	BERNALILLO (COUNTY OF)	505-224-1643
BOSQUE FARMS CHEVRON	815 BOSQUE FARMS BLVD	BOSQUE FARMS	BOSQUE FARMS PROPERTY LLC	208-523-6582
BURGER KING TEXACO	1050 RIO GRANDE NW AT I 40	ALBUQUERQUE	G 3 INVESTORS LLC	505-260-5195
CAPITAN SHELL	420 SMOKEY BEAR BLVD	CAPITAN	BREWER OIL COMPANY	505-884-2040
VALERO EXPRESS MART	6546 N CENTRAL AVE	CARRIZOZO	PEARSON OIL CO INC	505-393-5135
CERRILLOS SELF SERVE	1101 CERRILLOS RD	SANTA FE	HONSTEIN OIL CO	505-471-1800
CHAPPELL RD CARDLOCK	6231 CHAPPELL RD NE	ALBUQUERQUE	BREWER OIL COMPANY	505-884-2040
M AND M STORES INC 5	1535 COORS BLVD NW	ALBUQUERQUE	H AND H PROPERTIES	
CONOCO PIT STOP	115 W HWY 70	RUIDOSO	RITCHIE DISTRIBUTING CO	575-437-7220
CHEVRON SERVICE STATION 70704	HWY 58 US 64 INTERSECTION	CIMARRON	POLK OIL COMPANY	505-753-2365
CHURCHILL CHEVRON	514 COORS BLVD SW	ALBUQUERQUE	CHURCHILL PROPERTY LLC	208-623-6582
CIRCLE K 1041	7660 LOUISIANA BLVD NE	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
CIRCLE K 1255	12900 INDIAN SCHOOL RD	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
M AND M STORES INC 4	1316 YALE SE	ALBUQUERQUE	H AND H PROPERTIES	
CIRCLE K 1341	601 E HWY 70 PO BOX 907	RUIDOSO DOWNS	CIRCLE K STORES INC	602-728-3593
CIRCLE K 1428	6130 EDITH BLVD NE	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
CIRCLE K 1436	844 HWY 516	FLORA VISTA	CIRCLE K STORES INC	602-728-3593
CIRCLE K 1447	7817 CENTRAL AVE NE	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
YMART GAS AND GROCERIES 397	397 ALAMEDA NW	ALBUQUERQUE	HIMALAY ENTERPRISES INC	303-450-0083
CIRCLE K 1481	3213 N MAIN	ROSWELL	CIRCLE K STORES INC	602-728-3593
CIRCLE K 1777	2001 MENAUL NE	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593

NEW MEXICO ENERGY ASSURANCE PLAN

CIRCLE K 278	617 W PICACHO	LAS CRUCES	CIRCLE K STORES INC	602-728-3593
CIRCLE K 289	700 N MAIN ST	BELEN	CIRCLE K STORES INC	602-728-3593
CIRCLE K 376	343 WYOMING NE	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
YMART GAS AND GROCERIES 1200	1200 SAN PEDRO SE	ALBUQUERQUE	HIMALAY ENTERPRISES INC	303-450-0083
YMART GAS AND GROCERIES 4212	4212 COAL SE	ALBUQUERQUE	HIMALAY ENTERPRISES INC	303-450-0083
CIRCLE K 515	918 DATE ST	TRUTH OR CONSEQUENCES	CIRCLE K STORES INC	602-728-3593
CIRCLE K 610	4400 COORS SW	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
CIRCLE K 686	10000 DEVARGAS SW	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
CIRCLE K 699	115 W HWY 550	BERNALILLO	CIRCLE K STORES INC	602-728-3593
CIRCLE K 741	5501 ACADEMY NE	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
CIRCLE K 7962	5101 SAN MATEO NE	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
CIRCLE K 810	712 W MAIN	ARTESIA	CIRCLE K STORES INC	602-728-3593
CIRCLE K 8551	2934 EUBANK BLVD NE	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
CIRCLE K 8698	153 OSUNA	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
CIRCLE K 8745	6300 CENTRAL SE	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
CIRCLE K 8748	2019 CARLISLE NE	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
CIRCLE K 8779	1401 WYOMING NE	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
CIRCLE K STORE 5317	13401 LOMAS NE	ALBUQUERQUE	PCF SALECO LLC	303-867-6244
CIRCLE K STORE 5323	8311 GOLF COURSE RD	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
CIRCLE K STORE 561	6366 HWY 44	CUBA	CIRCLE K STORES INC	602-728-3593
CIRCLE K STORE 839	601 E TUCUMCARI	TUCUMCARI	CIRCLE K STORES INC	602-728-3593

NEW MEXICO ENERGY ASSURANCE PLAN

GIANT 379	1137 PASEO DEL PUEBLO SUR NM 68 AND PASEO DEL CANO	TAOS	POLK OIL COMPANY	505-753-2365
STRIPES 251	1600 N GRIMES	HOBBS	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
CONOCO 65	400 SUDDERTH	RUIDOSO	BELL GAS INC	575-622-4800
EAGLE NEST CORNER MARKET SHAMROCK 40	HWY 38 AND W THERMA DR AKA HWY 68	EAGLE NEST	POLK OIL COMPANY	505-753-2365
CORRALES CHEVRON	3745 CORRALES RD	CORRALES	CORRALES PROPERTY LLC	208-523-6582
BELL GAS 1168	6985 US HWY 70 54/70 N	ALAMOGORDO	BELL GAS INC	575-622-4800
COTTONWOOD CHEVRON	9400 COORS BLVD NW	ALBUQUERQUE	COTTONWOOD PROPERTY LLC	208-523-6582
COUNTRY CLUB SHELL	2901 N MAIN ST	LAS CRUCES	BREWER OIL COMPANY	505-884-2040
BELL GAS 66 ONE STOP	714 W TUCUMCARI BLVD	TUCUMCARI	BELL GAS INC	575-622-4800
ALLSUP'S 25	1500 N GARDEN	ROSWELL	ALLSUPS CONVENIENCE STORES INC	505-769-2311
AWC - NO49	3020 N MAIN	ROSWELL	BELL GAS INC	575-622-4800
CIRCLE K 6145	7000 MONTGOMERY NE	ALBUQUERQUE	PCF SALECO LLC	303-867-6244
DOWNTOWN CHEVRON	400 LOMAS BLVD NE	ALBUQUERQUE	DOWNTOWN PROPERTY LLC	208-523-6582
DOWNTOWN CONOCO	620 WHITE SANDS	ALAMOGORDO	RITCHIE DISTRIBUTING CO	575-437-7220
SOUTH Y SHELL	3024 NATIONAL PARK HWY	CARLSBAD	BREWER OIL COMPANY	505-884-2040
CIRCLE K 6107	3000 EUBANK NE	ALBUQUERQUE	PCF SALECO LLC	303-867-6244
TRAILS WEST DAIRY QUEEN	I 40 AT EDGEWOOD N SIDE	EDGEWOOD	TURNER JEREMIAH	
ALLSUPS - NO314	444 N RIVERSIDE	ESPANOLA	ALLSUPS CONVENIENCE STORES INC	505-769-2311
EXPRESS LANE THE	2101 N WHITE SANDS BLVD	ALAMOGORDO	BELL GAS INC	575-622-4800

NEW MEXICO ENERGY ASSURANCE PLAN

FARMINGTON SCHOOLS TRANSPORTATION	3101 SSIDE RIVER RD	FARMINGTON	FARMINGTON MUNICIPAL SCHOOLS	505-326-2245
FIESTA CHEVRON	1725 S CANAL	CARLSBAD	BREWER OIL COMPANY	505-884-2040
FINA 60	1815 SE MAIN	ROSWELL	BELL GAS INC	575-622-4800
PINO YARDS FUELING FACILITY	5501 PINO NE	ALBUQUERQUE	ALBUQUERQUE(CITY OF) FLEET MANAGEMENT DIVISION	505-768-3631
FOOD JET 1105	1095 N CANAL	CARLSBAD	BELL GAS INC	575-622-4800
FOOD JET 1147	3102 NATIONAL PARKS HWY	CARLSBAD	BELL GAS INC	575-622-4800
FOUR HILLS CHEVRON	13300 CENTRAL AVE SE	ALBUQUERQUE	FOUR HILLS PROPERTY LLC	208-523-6582
FOURTH STREET FUELING FACILITY	1801 FOURTH ST NW	ALBUQUERQUE	ALBUQUERQUE(CITY OF) FLEET MANAGEMENT DIVISION	505-768-3631
FRANKEN TIRE CENTER	612 MOUNTAIN VIEW DR	LAS VEGAS	FRANKEN OIL AND DISTRIBUTING CO	505-425-7578
FRANKS SUPPLY	3311 STANFORD NE	ALBUQUERQUE	FRANKS SUPPLY CO INC	
ALLSUPS 258	CORNER OF 6TH AND SUMNER	FORT SUMNER	ALLSUPS CONVENIENCE STORES INC	505-769-2311
G AND T AUTO SERVICE INC	6798 FOURTH ST NW	ALBUQUERQUE	G AND T AUTO SERVICE INC	505-344-1545
MUSTANG - NO196	HWY 602	VANDERWAGON	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT 37	1050 HWY 528 NE	RIO RANCHO	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT 41	9690 GOLF COURSE RD	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT 6046	2691 SAWMILL RD	SANTA FE	WESTERN REFINING SOUTHWEST INC	480-585-8888

NEW MEXICO ENERGY ASSURANCE PLAN

GIANT 44	122 AZTEC BLVD NE	AZTEC	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT FOUR CORNERS 109	NM HWY 264	TSE BONITO	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT SERVICE STATION 20	201 COORS BLVD NW	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT SERVICE STATION 24	4720 TRAMWAY NE	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT SERVICE STATION 27	6104 ACADEMY BLVD NE	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT SERVICE STATION 33	3524 HWY 47	LOS LUNAS	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT SERVICE STATION 6005	6100 SAN MATEO BLVD NE	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT SERVICE STATION 609	1730 S 2ND ST	GALLUP	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT SERVICE STATION 610	5200 MENAUL BLVD NE	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT SERVICE STATION 611	201 RIO BRAVO SW	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT SERVICE STATION 612	701 N HWY 666	GALLUP	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT SERVICE STATION 614	3341 E MAIN ST	FARMINGTON	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT SERVICE STATION 615	3603 RIO RANCHO BLVD NW HIGH	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT SERVICE STATION 625	2930 COORS NW	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888

NEW MEXICO ENERGY ASSURANCE PLAN

GIANT SERVICE STATION 626	1897 COORS BLVD SW	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT SERVICE STATION 631	2101 SOUTHERN BLVD	RIO RANCHO	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT SERVICE STATION 634	135 CANDELARIA BLVD NW	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT SERVICE STATION 636	224 HWY 550	BERNALILLO	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT SERVICE STATION 638	6242 4TH ST NW	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT SERVICE STATION 639	19384 HWY 85	BELEN	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT STOP 6055	1009 SAINT FRANCIS DR	SANTA FE	WESTERN REFINING SOUTHWEST INC	480-585-8888
PILOT TRAVEL CENTER 305	1 GIANT CROSSING I 40 EXIT 39	JAMESTOWN	PILOT TRAVEL CENTERS LLC	865-588-7488
HANDY SHELL	2208 N TURNER	HOBBS	PEARSON OIL CO INC	505-393-5135
LAWNSCAPERS GROUNDS MANAGEMENT	5800 SAN FRANCISCO NE	ALBUQUERQUE	LADEWIG DUSTYN AND KIM	505-823-0910
DURHAM SCHOOL SERVICES 2	10200 BELL AVE SE	ALBUQUERQUE	DURHAM SCHOOL SERVICES	505-298-6831
HERMOSA CARD SYSTEM	1212 S 1ST ST	ARTESIA	BREWER OIL COMPANY	505-884-2040
HIGHLAND CHEVRON	4320 LEAD AVE SE	ALBUQUERQUE	HIGHLAND PROPERTY LLC	208-523-6582
HOLIDAY CHEVRON	2645 S VALLEY DR	LAS CRUCES	BREWER OIL COMPANY	505-884-2040
HOOTER BROWNS COUNTRY STORE	323 MAXWELL AVE	SPRINGER	JENSEN STEVEN W	575-643-5585
CIRCLE K STORE NO - 8931	2624 S FIRST ST	TUCUMCARI	CIRCLE K STORES INC	602-728-3593

NEW MEXICO ENERGY ASSURANCE PLAN

ISLETA CHEVRON	7630 ISLETA BLVD SW	ALBUQUERQUE	ISLETA PROPERTY LLC	208-523-6582
VALERO ROADRUNNER EXPRESS	3300 N MAIN ST	ROSWELL	PEARSON OIL CO INC	505-393-5135
KW FUELS INC 1	728 E BENDER	HOBBS	KW FUELS INC	575-393-5135
KWIK STOP 45	119 S WHITESANDS	ALAMOGORDO	BELL GAS INC	575-622-4800
LA CUEVA CHEVRON	7330 SAN ANTONIO NE	ALBUQUERQUE	LA CUEVA PROPERTY LLC	208-523-6582
LA MESA GULF	1550 S SECOND ST	RATON	WILSON CORP THE	505-445-9182
LAS VEGAS CONOCO	SEVENTH ST AND LEGION DR	LAS VEGAS	HONSTEIN OIL CO	505-471-1800
HERMOSA CHEVRON	1304 S 1ST ST	ARTESIA	BREWER OIL COMPANY	505-884-2040
WEST MAIN CHEVRON	2601 W MAIN	ARTESIA	BREWER OIL COMPANY	505-884-2040
LLANO CHEVRON	1700 SAINT MICHAELS DR	SANTA FE	BREWER OIL COMPANY	505-884-2040
CIRCLE K 6299	900 EUBANK NE	ALBUQUERQUE	PCF SALECO LLC	303-867-6244
LOS LUNAS CHEVRON	1655 MAIN ST SW	LOS LUNAS	LOS LUNAS PROPERTY LLC	208-523-6582
LOVING CHEVRON	100 N 8TH	LOVING	BREWER OIL COMPANY	505-884-2040
LOVINGTON EXXON	502 S MAIN	LOVINGTON	PEARSON OIL CO INC	505-393-5135
M&S CHEVRON	5640 4TH STREET NW	ALBUQUERQUE		
MAIN STREET STATION	102 S GRAND	LAS VEGAS	FRANKEN OIL AND DISTRIBUTING CO	505-425-7578
MIDTOWN MARKET & SPIRITS	680 STATE HWY 522	ARROYO HONDO	HISTORICALLY INSPIRED PROPERTIES LLC	575-776-7681
ALLSUPS 246	HWY 60 AND 84	MELROSE	ALLSUPS CONVENIENCE STORES INC	505-769-2311
MENAU CHEVRON	2524 FOURTH ST NW	ALBUQUERQUE	MENAU PROPERTY LLC	208-523-6582
MENAU SHELL	2021 MENAU NE	ALBUQUERQUE	BREWER OIL COMPANY	505-884-2040

NEW MEXICO ENERGY ASSURANCE PLAN

MIDTOWN SHELL A	723 WHITESANDS BLVD	ALAMOGORDO	BREWER OIL COMPANY	505-884-2040
MILAGRO PHILLIPS 66	I-40 EXIT 243	ENCINO	HONSTEIN OIL CO	505-471-1800
ALLSUPS 136	2200 S SUNSET	ROSWELL	ALLSUPS CONVENIENCE STORES INC	505-769-2311
CIRCLE K 6247	5601 FOURTH ST	ALBUQUERQUE	PCF SALECO LLC	303-867-6244
CIRCLE K 6118	900 JUAN TABO NE	ALBUQUERQUE	PCF SALECO LLC	303-867-6244
MORIARTY CONOCO	1301 WEST CENTRAL AVE	MORIARTY	HONSTEIN OIL CO	505-471-1800
CIRCLE K 6169	3622 STATE HWY 528NW	ALBUQUERQUE	PCF SALECO LLC	303-867-6244
ALAMO QUICK PIK	1501 INDIAN WELLS RD	ALAMOGORDO	BELL GAS INC	575-622-4800
CARDLOCK	3200 N MAIN	ROSWELL	UNITED FUEL AND ENERGY DBA SC FUELS	432-571-8000
NORTHGATE CHEVRON	1311 W PIERCE	CARLSBAD	BREWER OIL COMPANY	505-884-2040
NORTHGATE EXXON	1201 W PIERCE	CARLSBAD	PEARSON OIL CO INC	505-393-5135
OLD TOWN CHEVRON 7582	1000 RIO GRANDE NW	ALBUQUERQUE	OLD TOWN PROPERTY LLC	208-523-6582
ONDA OIL DIAMOND SHAMROCK 102	811 W SECOND	ROSWELL	BELL GAS INC	575-622-4800
PACHECO CARDLOCK	1515 PACHECO	SANTA FE	HONSTEIN OIL CO	505-471-1800
BETTER STOP CONVENIENCE STORE	1339 N GRAND AVE	LAS VEGAS	FRANKEN OIL AND DISTRIBUTING CO	505-425-7578
CIRCLE K 6246	5420 ACADEMY NE	ALBUQUERQUE	PCF SALECO LLC	303-867-6244
PHILLIPS 66 SERVICE	1ST AND CHESTNUT ST	CLAYTON	ROY POGUE E WHOLESALE INC	505-374-9641
CIRCLE K 6279	1075 BOSQUE FARMS BLVD	BOSQUE FARMS	PCF SALECO LLC	303-867-6244
CIRCLE K 6280	6951 SAN ANTONIO DR NE	ALBUQUERQUE	PCF SALECO LLC	303-867-6244
PIC QUIK STORES INC NO 21	1250 N VALLEY DR	LAS CRUCES	PIC QUIK STORES INC	505-523-5611
PIC QUIK STORES INC NO 20	2601 DONA ANA RD	LAS CRUCES	PIC QUIK STORES INC	505-523-5611

NEW MEXICO ENERGY ASSURANCE PLAN

PIC QUIK STORES INC NO 18	955 WALNUT ST	LAS CRUCES	PIC QUIK STORES INC	505-523-5611
PIC QUIK STORES INC NO 14	210 E UNION	LAS CRUCES	PIC QUIK STORES INC	505-523-5611
PIC QUIK STORES INC NO 11	2701 ELKS DR	LAS CRUCES	PIC QUIK STORES INC	505-523-5611
PIC QUIK STORES INC NO 7	2240 E MISSOURI	LAS CRUCES	PIC QUIK STORES INC	505-523-5611
CIRCLE K 6284	901 36TH PLACE	RIO RANCHO	PCF SALECO LLC	303-867-6244
TATE BRANCH DODGE/RENTALS	901 S FIRST	ARTESIA	PAR THREE PROPERTIES LLC	575-748-1317
POGUE ROY E WHOLESALE INC - NO1	207 N FRONT ST PO BOX 66	CLAYTON	ROY POGUE E WHOLESALE INC	505-374-9641
PORTALES BUTANE CO	2200 S AVE D	PORTALES	PORTALES BUTANE CO	505-356-8231
PHILLIPS 66	4321 COORS SW	ALBUQUERQUE	ROBERTS OIL CO INC	505-262-1607
PUMP N SAVE 40	3600 WYOMING NE	ALBUQUERQUE	ROBERTS OIL CO INC	505-262-1607
PUMP N SAVE 38	3465 HWY 47	LOS LUNAS	ROBERTS OIL CO INC	505-262-1607
CIRCLE K STORE NO - 8935	5311 QUAIL NW	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
UNITED FUEL & ENERGY CORP BLK PLT/SFS 1698	606 W RICHEY	ARTESIA	UNITED FUEL AND ENERGY DBA SC FUELS	432-571-8000
UNITED FUEL AND ENERGY CORP SFS TS	3202 S CANAL	CARLSBAD	UNITED FUEL AND ENERGY DBA SC FUELS	432-571-8000
RAY BELL OIL CO STATION 30	301 MAIN	ARTESIA	BELL GAS INC	575-622-4800
MIDTOWN 66	626 SUDDERTH	RUIDOSO	RITCHIE DISTRIBUTING CO	575-437-7220
CIRCLE K 6276	229 RIO RANCHO BLVD	RIO RANCHO	PCF SALECO LLC	303-867-6244
RIGDONS TEXACO	123 E TUCUMCARI BLVD	TUCUMCARI	WHITT CO INC	505-461-3903
RIO RANCHO SOUTH	1475 SR 528 NW	RIO RANCHO	RIO RANCHO SOUTH PROPERTY LLC	208-523-6582

NEW MEXICO ENERGY ASSURANCE PLAN

RIO RANCHO SHELL	4001 SARA RD	RIO RANCHO	BREWER OIL COMPANY	505-884-2040
RITCHIE DISTRIBUTING CO B	3301 N WHITE SANDS	ALAMOGORDO	RITCHIE DISTRIBUTING CO	575-437-7220
ROBERT OIL CO 39	1517 GIBSON SE	ALBUQUERQUE	ROBERTS OIL CO INC	505-262-1607
CARLISLE 66	4000 CARLISLE NE	ALBUQUERQUE	PETROLEUM MANAGEMENT INC	505-379-7441
COORS 66	3630 COORS NW	ALBUQUERQUE	PETROLEUM MANAGEMENT INC	505-379-7441
ROBERTS OIL CO INC I	6418 COCHITI SE	ALBUQUERQUE	ROBERTS OIL CO INC	505-262-1607
CIRCLE K 6281	5301 WYOMING NE	ALBUQUERQUE	PCF SALECO LLC	303-867-6244
ROBERTS OIL CO INC NEANTU	2204 MENAUL NE	ALBUQUERQUE	ROBERTS OIL CO INC	505-262-1607
ROBERTS OIL INC J	1001 COORS BLVD SW	ALBUQUERQUE	ROBERTS OIL CO INC	505-262-1607
ROSWELL CARDLOCK	300 E SECOND ST	ROSWELL	BREWER OIL COMPANY	505-884-2040
ROSWELL SELF SERVE 3	917 N MAIN	ROSWELL	BREWER OIL COMPANY	505-884-2040
ROSWELL SS NUMBER SIX	3001 N MAIN	ROSWELL	BREWER OIL COMPANY	505-884-2040
RUIDOSO SHAMROCK	1901 SUDDERTH	RUIDOSO	ONDA OIL CO	505-622-4529
SAINT FRANCIS CHEVRON	1010 SAINT FRANCIS DR	SANTA FE	BREWER OIL COMPANY	505-884-2040
SAINT MIKES SHELL	711 SAINT MICHAELS	SANTA FE	BREWER OIL COMPANY	505-884-2040
SAN JUAN GENERATING STATION	N COUNTY RD 6800 PO BOX 727	WATERFLOW	PUBLIC SERVICE COMPANY OF NEW MEXICO (PNM)	505-241-2003
SAN PEDRO FOOD MART SHELL	509 S RIVERSIDE DR	ESPANOLA	BREWER OIL COMPANY	505-884-2040
SANTA ROSA PHILLIPS 66	3630 WILL ROGERS DR	SANTA ROSA	HONSTEIN OIL CO	505-471-1800
CIRCLE K STORE NO - 8933	1315 E WILL RODGERS DR	SANTA ROSA	CIRCLE K STORES INC	602-728-3593
SHAMROCK 136A	600 W MARLAND	HOBBS	ONDA OIL CO	505-622-4529

NEW MEXICO ENERGY ASSURANCE PLAN

SHAMROCK 8008	2099 HWY 70 E	RUIDOSO DOWNS	ONDA OIL CO	505-622-4529
SNAPPY MART 1117	1318 S COLUMBUS RD	DEMING	BELL GAS INC	575-622-4800
SNAPPY MART 1123	123 W 12TH ST	SILVER CITY	BELL GAS INC	575-622-4800
SNAPPY MART 258	306 E PINE	DEMING	BELL GAS INC	575-622-4800
SNAPPY MART 262	400 TOM FOY BLVD	BAYARD	BELL GAS INC	575-622-4800
SOUTH MAIN SHAMROCK	225 S MAIN	ROSWELL	ONDA OIL CO	505-622-4529
UNITED FUEL & ENERGY CORP SFS 1817	105 E POE	ROSWELL	UNITED FUEL AND ENERGY DBA SC FUELS	432-571-8000
SOUTH SEA SHAMROCK	820 S C PLACE	PORTALES	C AND S INC	505-356-4495
SOUTH TOWN CONOCO	806 S WHITE SANDS	ALAMOGORDO	RITCHIE DISTRIBUTING CO	575-437-7220
SOUTHSIDE WATER RECLAMATION PLANT	4201 SECOND ST SW	ALBUQUERQUE	ALBUQUERQUE(CITY OF) FLEET MANAGEMENT DIVISION	505-768-3631
CIRCLE K 6172	4331 SAN MATEO NE	ALBUQUERQUE	PCF SALECO LLC	303-867-6244
ANTHEM OIL 106	8614 CENTRAL NE	ALBUQUERQUE	ANTHEM OIL LLC	505-890-6435
STOP AND SHOP 203	1011 W LEA	CARLSBAD	BELL GAS INC	575-622-4800
ALLSUP'S 130	HWY 70	HONDO	ALLSUPS CONVENIENCE STORES INC	505-769-2311
SUN COUNTRY 106	421 E MCGAFFEY	ROSWELL	BELL GAS INC	575-622-4800
SUN COUNTRY STORE	513 MCCOMBS	CHAPARRAL	ONDA OIL CO	505-622-4529
LAS VEGAS CONOCO	SEVENTH ST AND LEGION DR	LAS VEGAS	HONSTEIN OIL CO	505-471-1800
ZRO LLC DBA ZRO GAS & FOOD MART	13400 WENONAH AVE SE	ALBUQUERQUE	STAR TRUST	505-440-6443
TEXACO ROSS SERVICE STATION	700 GRAND AVE AND UNIVERSITY	LAS VEGAS	ROSS OIL CO INC	505-483-2633
THRIFTWAY 200	6475 US HWY 550 SOUTH	CUBA	WESTERN REFINING SOUTHWEST INC	480-585-8888

NEW MEXICO ENERGY ASSURANCE PLAN

THRIFTWAY 207	PO BOX 70	CHURCH ROCK	WESTERN REFINING SOUTHWEST INC	480-585-8888
THRIFTWAY 227	416 N MAIN ST	AZTEC	WESTERN REFINING SOUTHWEST INC	480-585-8888
THRIFTWAY 232	E SIDE HWY 44	SAN YSIDRO	WESTERN REFINING SOUTHWEST INC	480-585-8888
MUSTANG 7292	1020 HWY 371	FARMINGTON	WESTERN REFINING SOUTHWEST INC	480-585-8888
SOCORRO NORTH	1101 N CALIFORNIA ST	SOCORRO	SOCORRO NORTH PROPERTY LLC	208-523-6582
STRIPES 123	718 W MILLEN DR	HOBBS	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
STRIPES 125	702 N MAIN	LOVINGTON	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
FAST STOP - NO26	700 THORNTON ST	CLOVIS	KENDRICK OIL CO	806-250-3991
STRIPES 138	3801 S MAIN	ROSWELL	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
STRIPES 140	1219 E SECOND	ROSWELL	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
STRIPES 141	2010 SE MAIN	ROSWELL	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
STRIPES 150	225 WHEELER	TEXICO	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
STRIPES 170	600 W COLLEGE	ROSWELL	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
STRIPES 171	2500 N MAIN	ROSWELL	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463

NEW MEXICO ENERGY ASSURANCE PLAN

STRIPES 180	1201 N CHICAGO	PORTALES	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
STRIPES 183	3400 N DAL PASO	HOBBS	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
STRIPES 184	HWY 18 AND HWY 128	JAL	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
STRIPES 185	811 W AVE D	LOVINGTON	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
STRIPES 186	102 N 1ST ST	ARTESIA	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
STRIPES 58	712 W MARLAND	HOBBS	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
STRIPES 59	808 E MARLAND	HOBBS	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
STRIPES 80	1115 S DAL PASO	HOBBS	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
STRIPES 90	2405 N DAL PASO	HOBBS	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
TRAMWAY KICKS 66	7843 TRAMWAY NE	ALBUQUERQUE	ROBERTS OIL CO INC	505-262-1607
TRIVIZ CHEVRON	3040 N MAIN	LAS CRUCES	BREWER OIL COMPANY	505-884-2040
TULAROSA CONOCO	1204 ST FRANCIS DRIVE JUNCTION 54 AND 70	TULAROSA	RITCHIE DISTRIBUTING CO	575-437-7220
UNIVERSITY SHELL	1305 S SOLANO DR	LAS CRUCES	BREWER OIL COMPANY	505-884-2040
UPTOWN CONOCO	1400 TENTH ST	ALAMOGORDO	RITCHIE DISTRIBUTING CO	575-437-7220
70 WEST CHEVRON	1445 HWY 70 W	ALAMOGORDO	BREWER OIL COMPANY	505-884-2040
VALLE DEL SOL REDI MART	3215 ISLETA BLVD SW	ALBUQUERQUE	VALLE DEL SOL PROPERTY LLC	

NEW MEXICO ENERGY ASSURANCE PLAN

VALLEY CONOCO	1201 CANDELARIA NW	ALBUQUERQUE	VALLEY PROPERTY LLC	208-523-6582
VALUE MART	713 S SECOND ST	RATON	WILSON CORP THE	505-445-9182
WAGON MOUND PHILLIPS 66 STATION	US HWY 85	WAGON MOUND	FRANKEN OIL AND DISTRIBUTING CO	505-425-7578
WALMART CONOCO	1832 N TURNER	HOBBS	PEARSON OIL CO INC	505-393-5135
UNITED FUEL & ENERGY CORP SFS 2002	2500 W 2ND	ROSWELL	UNITED FUEL AND ENERGY DBA SC FUELS	432-571-8000
WESTSIDE SHELL	1301 W MAIN	ARTESIA	BREWER OIL COMPANY	505-884-2040
WILDCAT SHELL A	903 W AVE D	LOVINGTON	PEARSON OIL CO INC	505-393-5135
WILLIAMSBURG CHEVRON 2	704 W BROADWAY	WILLIAMSBURG	WILLIAMSBURG PROPERTY LLC	208-523-6582
WINDMILL FOOD MART	3628 NATIONAL PARKS HWY	CARLSBAD	BREWER OIL COMPANY	505-884-2040
CIRCLE K 6141	1331 WYOMING NE	ALBUQUERQUE	PCF SALECO LLC	303-867-6244
SAN JUAN REGIONAL MEDICAL CENTER	801 W MAPLE ST	FARMINGTON	SAN JUAN REGIONAL MEDICAL CENTER	505-325-5011
MELLOY NISSAN	7707 LOMAS NE	ALBUQUERQUE	MELLOY BROTHERS INC	505-265-8721
UNITED PARCEL SERVICE	2541 CAMINO ORTIZ	SANTA FE	UNITED PARCEL SERVICE NM TECH SERVICE DISTRICT	505-878-8015
ALLSUPS - NO145	3709 N DAL PASO	HOBBS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO243	102 E CHURCH ST	CARLSBAD	ALLSUPS CONVENIENCE STORES INC	505-769-2311
BERNALILLO CHEVRON	223 HIGHWAY 550 W	BERNALILLO	ATLER ROBERT	505-867-8160
CLINES CORNERS - EAST WEST FACILITY	ONE YACHT CLUB DR	CLINES CORNERS	CLINES CORNERS OPERATING CO	505-472-5488
DOWNTOWN TEXACO	421 S 2ND ST	RATON	ROSS OIL CO INC	505-483-2633

NEW MEXICO ENERGY ASSURANCE PLAN

SUPER SAVE DISCOUNT FOODS #101	501 W 18TH ST	PORTALES	RUSSELLS INC	505-376-2262
GARLEYS PARTY DOLL	600 E RANKIN RD	BELEN	GARLEY MANUEL	505-864-7507
ROSS TRAVEL CENTER	2401 N GRAND AVE	LAS VEGAS	ROSS OIL CO INC	505-483-2633
HOWDYS #338	2210 E LOHMAN	LAS CRUCES	TRANSMOUNTAIN OIL COMPANY	915-779-3211
MATAYAS DOWNTOWN	431 W HWY 66 AVE	GALLUP	MATAYA INVESTMENTS CO	505-863-5221
STUCKEYS OF SANTA ROSA	I-40 EXIT 267 @ COLONIAS	SANTA ROSA		
SUNRISE GENERAL STORE	52 OLD LAS VEGAS HWY	SANTA FE	NITSIMRAN LTD CO	505-982-6705
SANTA FE DINER AND TRUCK STOP	PO BOX 770 EXIT 115 I 25	SOCORRO	SAGER Y SALEM	505-854-2784
MONTICELLO RV PARK	MONTICELLO CIRCLE 1	TRUTH OR CONSEQUENCES	AKANA YARNELL J	505-894-6468
CEDAR CREST	12011 N HWY 14	CEDAR CREST	CEDAR CREST PROPERTY LLC	208-523-6582
CAPULIN CHEVRON	HWY 64 87	CAPULIN	CARLOS CORNAY V DIAMOND LTD	505-278-3456
HILLTOP	12504 CENTRAL AVE SW	ALBUQUERQUE		
SHELL	R 1569 NATIONAL PARKS HWY	WHITES CITY	JAMCO INDUSTRIES	575-706-1112
7-2-11NO1	900 E 20TH	FARMINGTON	UNITED FOOD STORE INC	505-327-7211
7-2-11NO2	900 SCHOFIELD LANE	FARMINGTON	UNITED FOOD STORE INC	505-327-7211
7-2-11NO23	1800 OLD BLOOMFIELD RD	FARMINGTON	UNITED FOOD STORE INC	505-327-7211
7-2-11 NO32	610 W MALONEY	GALLUP	UNITED FOOD STORE INC	505-327-7211
7-2-11NO33	5TH AND BROADWAY	BLOOMFIELD	UNITED FOOD STORE INC	505-327-7211
7-2-11 NO40	5950 E MAIN	FARMINGTON	UNITED FOOD STORE INC	505-327-7211
7-2-11NO43	201 S BROWNING PKWY	FARMINGTON	UNITED FOOD STORE INC	505-327-7211

NEW MEXICO ENERGY ASSURANCE PLAN

SEVEN ELEVEN 708	13601 COPPER NE	ALBUQUERQUE	SOUTHWEST CONVENIENCE STORES LLC	432-580-8850
SEVEN ELEVEN 713	3801 CENTRAL NE	ALBUQUERQUE	SOUTHWEST CONVENIENCE STORES LLC	432-580-8850
SEVEN ELEVEN 715	3610 CANDELARIA NE	ALBUQUERQUE	SOUTHWEST CONVENIENCE STORES LLC	432-580-8850
87 CHEVRON SS 75703	711 CLAYTON RD	RATON	IACOBELLI RONALD	505-445-9036
87 TEXACO	INTERSECTION 25 HWY 87	RATON	ROSS OIL CO INC	505-483-2633
A 1 AUTO REPAIR	14122 NM 75 PO BOX 445	PENASCO	A 1 AUTO REPAIR	505-587-2296
LA TIENDITA DEL PAISA	1452 STATE RD 76 MCCURDY RD INTERSECTION	SANTA CRUZ	SALAZAR ANGIE G	505-753-6723
A DOC OIL CLOVIS 1	1220 W TWENTY FIRST	CLOVIS	A DOC OIL CO	575-622-4210
A DOC OIL CO A EXXON BELL GAS NO239	1112 W 2ND	ROSWELL	A DOC OIL CO	575-622-4210
ABES MOTEL AND FLY SHOP	1791 HWY 173	NAVAJO DAM	CHAVEZ ABE	505-632-2194
ABF FREIGHT SYSTEM INC	4800 LINCOLN NE	ALBUQUERQUE	ABF FREIGHT SYSTEM INC	501-785-8854
ADAMS CONOCO	409 CLAYTON RD	RATON	STATE OIL CO INC	505-445-9641
ADAMS SELF SERVE	1035 S 2ND ST	RATON	STATE OIL CO INC	505-445-9641
CHEF LUPES AT ALAMO ROSA	7400 US HWY 54 70 N	TULAROSA	GSG INC	505-937-3059
LOS ARBOLES FACILITY	3223 LOS ARBOLES NE	ALBUQUERQUE	HINDI BROTHERS	505-883-4888
M AND M STORE 3	425 LOCUST	ALBUQUERQUE	M AND M STORES INC	
ROUTE 66 GAS & FOOD MART	9201 CENTRAL AVE NE	ALBUQUERQUE	MARUTI GROUP LLC	505-710-3075
ALLSUPS - NO152	2801 COORS SW	ALBUQUERQUE	ALLSUPS CONVENIENCE STORES INC	505-769-2311

NEW MEXICO ENERGY ASSURANCE PLAN

ALLSUPS - NO161	507 W HWY 66	MILAN	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO165	2348 HWY 47 AND NM 6	BELEN	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO197	1525 ARENAL SW	ALBUQUERQUE	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO198 A	1605 INDIAN SCHOOL RD	ALBUQUERQUE	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO200	616 N 1ST ST	GRANTS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 216	712 CAMINO DEL PUEBLO	BERNALILLO	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 218	6900 ZUNI SE	ALBUQUERQUE	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 222 A	112 ARNOLD ST	GALLUP	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 234	AZTEC AND PATTON	GALLUP	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 245 A	5601 PARADISE HILLS RD	ALBUQUERQUE	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 250	1801 S 2ND	GALLUP	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 252 FINA	CORNER CALLE LORCA AND SAINT MICHAELS DR	SANTA FE	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS -NO254	4200 AIRPORT RD	SANTA FE	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 255	SEVENTH AND DALBY 2195 7TH STREET	LAS VEGAS	ALLSUPS CONVENIENCE STORES INC	505-769-2311

NEW MEXICO ENERGY ASSURANCE PLAN

ALLSUPS 257	351 HWY 314	LOS LUNAS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 259	2603 HOT SPRINGS BLVD	LAS VEGAS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 271	113 GRAND AVENUE	LAS VEGAS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 294	615 GRAND AVENUE	LAS VEGAS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 319	1005 SANTA FE RD	TAOS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 346	CORNER OF HWY 14 AND VISTA DEL MONTE	SANTA FE	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 90	1012 ROOSEVELT ST	GRANTS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 330 PHILLIPS 66	401 B AIRPORT RD	SANTA FE	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS CONVENIENCE STORE 132	12361 W CENTRAL AVE	CARRIZOZO	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS CONVENIENCE STORE 138	4308 N GRIMES	HOBBS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO144	100 E MARLAND	HOBBS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 344	1899 SAINT MICHAELS DR	SANTA FE	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 342	4400 RIDGECREST DR	RIO RANCHO	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALMA STORE AND GRILL LLC	4592 HWY 180	GLENWOOD	ALMA STORE & GRILL, LLC	

NEW MEXICO ENERGY ASSURANCE PLAN

ALS MINI MART 1	102 A RIO COMMUNITIES HWY 47	BELEN	HODGES OIL CO	505-864-2500
ALS MINI MART 2	701 S MAIN ST	BELEN	HODGES OIL CO	505-864-2500
FED EX FREIGHT W INC	6101 HANOVER NW	ALBUQUERQUE	FED EX FREIGHT W INC	800-845-4687
GIANT 6072	950 N HWY 491	GALLUP	WILSHIRE HERITAGE LLC	310-859-2400
GIANT 837	4300 MONTANO NW	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT 809	5501 E MAIN ST	FARMINGTON	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIBSON FOOD MART	5501 GIBSON BLVD SE	ALBUQUERQUE	STAR TRUST	505-440-6443
AMJ PARTNERSHIP	612 HWY 60	SOCORRO	AMJ TOWING & WRECKER SERVICE	505-835-1978
ANGEL FIRE MINI MART	3394 MOUNTAIN VIEW BLVD	ANGEL FIRE	AMARILLO MOUNTAIN CORP	505-377-2598
ATEX 241 P	3520 MENAUL NE	ALBUQUERQUE	RABADI SHARIF	505-440-6443
PRIME OIL	1300 JUAN TABO NE	ALBUQUERQUE	RABADI SHARIF	505-440-6443
B AND B BRAKE	1410 2ND ST NW	ALBUQUERQUE	B AND B BRAKE	
B AND H MAINTENANCE AND CONSTRUCTION INC	400 MAIN	EUNICE	B AND H MAINTENANCE AND CONSTRUCTION INC	505-394-2588
NKS ROYAL TRUCK STOP	3405 W HWY 66	GALLUP	NKS ROYAL TRUCK STOP	505-863-9345
BAQUERAS GROCERY	HWY 187	ARREY	BAMONTE EDWARD	505-267-9276
BARNETT OIL CO INC	1505 E MABRY	CLOVIS	BARNETT OIL CO INC	505-763-3441
BULK STORAGE	617 E FIRST ST	CLOVIS	BARNETT OIL CO INC	505-763-3441
BAYARD BULK PLANT	1400 N CENTRAL AVE	BAYARD	PORTER OIL INC	575-524-8666

NEW MEXICO ENERGY ASSURANCE PLAN

BEAR SPRINGS PLAZA	PO BOX 357	FORT WINGATE	SCOTT R MERRILL DBA BEAR SPRINGS ENTERPRISES	505-488-5646
BELL GAS 8002 BULK PLANT	100 MIRIAM	RUIDOSO DOWNS	BELL GAS INC	575-622-4800
BERNALILLO FEED AND CONOCO SERVICE INC	656 CAMINO DEL PUEBLO	BERNALILLO	BERNALILLO FEED AND CONOCO SERVICE INC	506-867-2632
ALLSUPS 336	650 CERRILLOS RD	SANTA FE	ALLSUPS CONVENIENCE STORES INC	505-769-2311
GIANT 863	1229 CERRILLOS RD	SANTA FE	WESTERN REFINING SOUTHWEST INC	480-585-8888
ALLSUPS 345	305 N GUADALUPE	SANTA FE	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 334	3000 CERRILLOS RD	SANTA FE	ALLSUPS CONVENIENCE STORES INC	505-769-2311
MALOY WEST PROPERTY	505 COMMANCHE NE	ALBUQUERQUE	MALOY PAT AND MARY BETH	505-344-6123
BIG CHIEF STORE	24365 HWY 70 W	MESCALERO	RITCHIE DISTRIBUTING CO	575-437-7220
BIG O SHAMROCK	990 CORDOVA RD	SANTA FE	ANDAZOLA RON	505-983-1672
BIG ROCK 66	462 RIVERSIDE DR	ESPANOLA	SUPREME LLC DBA ROY HONSTEIN OIL CO A	505-753-3255
BILLCO CONSTRUCTION INC DBA CIRCLE W PAWN	3316 US HWY 64 BOX 256	WATERFLOW	BILLCO CONSTRUCTION INC DBA CIRCLE W FOOD STORE	505-327-4711
FAST STOP - NO20	510 E SUMNER AVE	FORT SUMNER	KENDRICK OIL CO	806-250-3991
BJ SELF SERVE 2	221 W MARLAND	HOBBS	UNITED FUEL AND ENERGY DBA SC FUELS	432-571-8000
BOBS PHILLIPS 66	108 CORONADO	SANTA ROSA	CORDOVA ROBERT I	505-472-3821

NEW MEXICO ENERGY ASSURANCE PLAN

QWEST BOGAN SERVICE CENTER	4301 BOGAN NE	ALBUQUERQUE	QWEST CORPORATION DBA CENTURYLINK QC	602-630-4444
BRADLEY FOOD MART	1206 EL PASEO RD	LAS CRUCES	BRADLEY PETROLEUM INC	303-733-4627
BROADWAY STATION	1401 BROADWAY SE	ALBUQUERQUE	BROADWAY PROPERTY LLC	208-532-6582
7TH STREET NEW MEXICO PROPERTY	2012 7TH ST NW	ALBUQUERQUE		
BUDGET TIRE STORE	101 W PINE ST	DEMING		
EVER READY OIL BULK FACILITY	101 ANDERSON SE	ALBUQUERQUE	EVER READY OIL COMPANY	505-842-6121
BLANCO TRADING POST	12341 HWY 550 STH	BLOOMFIELD	HIGGINS JUSTIN	505-632-1219
FAST STOP - NO22	1415 WILL ROGERS DR	SANTA ROSA	KENDRICK OIL CO	806-250-3991
SANTA FE PUBLIC SCHOOLS BUS DEPOT	2201 YUCCA ST	SANTA FE	SANTA FE PUBLIC SCHOOLS	505-982-2631
BUTTE GENERAL STORE AND MARINE LLC	HWY 195 AND SAN ANDRESS RD	ELEPHANT BUTTE	BUTTE GENERAL STORE AND MARINE LLC	505-744-5427
BUTTERMILKS SHAMROCK SERVICE	314 TOM FOY BLVD	BAYARD	LAS CRUCES OIL CO INC	505-537-2713
EDITH CHEVRON	501 CANDELARIA NE	ALBUQUERQUE	BREWER OIL COMPANY	505-884-2040
C AND S CREDIT CARD EXPRESS	301 W 2ND	PORTALES	C AND S INC	505-356-4495
ZUZAX GAS MART (BRANDED) FILL UP	844 E HWY 66	TIJERAS		
CARLSBAD CAVERNS NATIONAL PARK 2	15 REEF TOP CIRCLE CARLSBAD CAVERNS MAINTENANCE YARD	CARLSBAD	CARLSBAD CAVERNS NATIONAL PARK	505-785-2232
CENTEX AMERICAN GYPSUM	1000 N HILL RD	BERNALILLO	AMERICAN GYPSUM CO	505-867-5200
CENTRAL CONSOLIDATED SCHOOLS	76 A COUNTY RD 6500	KIRTLAND	CENTRAL CONSOLIDATED SCHOOL DISTRICT #22	505-598-5834

NEW MEXICO ENERGY ASSURANCE PLAN

CENTRAL RECEIVING	2600 N FLORIDA AVE	ALAMOGORDO	ALAMOGORDO (CITY OF) PUBLIC WORKS	505-439-4205
CENTRAL U PUMP IT	7408 CENTRAL AVE SW	ALBUQUERQUE	PEERLESS TYRE CO	303-371-4300
CHAMA MUSTANG	HWY 84	CHAMA	MAEZ EDDIE J	505-756-2937
CHAMA VALLEY SCHOOLS	PO DRAWER 10	TIERRA AMARILLA	CHAMA VALLEY INDEPENDENT SCHOOLS	505-585-7285
PREVIOUSLY RICHWALL CONOCO CAR WASHES	1351 PASEO DEL PUEBLO SUR	TAOS		
CHEVRON EAST	4401 E PINE ST	DEMING	SPEER ROBERT & SANDRA J	505-546-2311
SUNMART 677	1216 W PINE	DEMING	PETROLEUM WHOLESALE LP	281-681-1000 J
CHUCKYS CONOCO	800 E THORPE ST	LAS CRUCES	LAS CRUCES INVESTMENTS CORP	505-523-1824
CIELO DORADO HOMEOWNERS ASSOC INC	CIELO DEL REY ACROSS FROM 23 CIELO DEL REY	ANTHONY	CIELO DORADO HOMEOWNERS ASSOC INC	915-581-0900
CIRCLE H STORE A	200 DUNCAN HWY	LORDSBURG	GW FUELS	505-233-3775
MAIL SERVICE CENTER	522 W MERMOD ST	CARLSBAD	SANTO EUGENE	
CIRCLE S 3	2200 E BLANCO BLVD	BLOOMFIELD	STRUNK BERNIE N	505-327-6041
CIRCLE S NUMBER ONE	3100 E BLOOMFIELD HWY	FARMINGTON	STRUNK BERNIE N	505-327-6041
CIRCLE S NUMBER TWO	30TH AND LA PLATA HWY	FARMINGTON	STRUNK BERNIE N	505-327-6041
CIRCLE W INC	2707 E MAIN ST	FARMINGTON	CIRCLE W INC	505-327-4711
CITY HALL FUELING STATION	906 MUNICIPAL DR	FARMINGTON	FARMINGTON (CITY OF)	505-599-8400
LAS CRUCES (CITY OF) - AIRPORT	8960 ZIA BLVD STE 16	LAS CRUCES	SOUTHWEST AVIATION INC	505-524-8047
CITY STREET DEPARTMENT	200 CLOSE DR	RUIDOSO	RUIDOSO (VILLAGE OF)	505-257-6023
DOMINO FUEL STOP 4	1213 1ST STREET	CLAYTON	ELMER SMITH OIL CO INC	580-323-2929
CHUCKS FOLLY	8436 HWY 180 W	CLIFF	DINWIDDIE HAROLD R	505-535-2852

NEW MEXICO ENERGY ASSURANCE PLAN

CLOVIS OIL CO	600 E LLANO ESTACADO	CLOVIS	SMITH OIL CO INC	505-762-0382
CLUB GAS	1137 MECHEM DR	RUIDOSO	ALAN C AND GAIL L CAMPELL DBA PATOS INC	505-258-3211
COBRE 66	1301 TOM FOY BLVD	BAYARD	PORTER OIL INC	575-524-8666
COKER KENNETH L DBA EAGLE GUEST RANCH	HWY 60 AND S RD 12	DATIL		
COMANCHE 66	3700 JUAN TABO NE	ALBUQUERQUE	PETROLEUM MANAGEMENT INC	505-379-7441
COMANCHE FUEL STOP	600 COMANCHE RD NW	ALBUQUERQUE	ALAMEDA C STORE INC	505-345-3295
DESERT FUELS 455 COORS	455 COORS NW	ALBUQUERQUE		
GRANTS REDI - MART	800 E SANTA FE AVE	GRANTS	PETROGRANTS INC	505-242-5291
LOVES TRAVEL STOP - NO329	4700 MABRY DR	CLOVIS	LOVES TRAVEL STOPS AND COUNTRY STORES INC	405-302-6640
CORONA MINI MART	US HWY 54	CORONA	JOHNSON MELVIN	
KOUNTRY KWIK STOP	1794 SR HWY 96	GALLINA		
COYOTE CROSSING MUSTANG	HWY 96 BLDG 3386	COYOTE	CARLYON DAVID	505-638-5590
CUTTER FLYING SERVICE	2501 CLARK CARR LOOP SE	ALBUQUERQUE	CUTTER FLYING SERVICE INC	505-842-4184
D S 1285	1616 TENTH ST	ALAMOGORDO	DIAMOND SHAMROCK STATIONS INC	915-833-7740
SNAPPY MART 1117	1318 S COLUMBUS RD	DEMING	BELL GAS INC	575-622-4800
DYLAN'S	1900 N MAIN ST	LAS CRUCES		
VALERO CORNER STORE #1289B	1401 E LOHMAN AVE	LAS CRUCES	DIAMOND SHAMROCK STATIONS INC	915-833-7740
VALERO CORNER STORE #1292	1018 W PINE STREET	DEMING	DIAMOND SHAMROCK STATIONS INC	915-833-7740

NEW MEXICO ENERGY ASSURANCE PLAN

VALERO CORNER STORE #1293	1316 S MAIN ST	LORDSBURG	DIAMOND SHAMROCK STATIONS INC	915-833-7740
DIAMOND SHAMROCK NO1295	907 N CALIFORNIA	SOCORRO	DIAMOND SHAMROCK STATIONS INC	915-833-7740
D S 1296	657 S WHITE SANDS BLVD	ALAMOGORDO	DIAMOND SHAMROCK STATIONS INC	915-833-7740
LAGUNA VISTA QUIK STOP	MORA ROUTE PO BOX 102	LAS VEGAS	GONZALES ABEL	505-425-7706
SUNMART 679	1312 W PINE	DEMING	PETROLEUM WHOLESALE LP	281-681-1000 J
HOWDY'S #18	1100 W PINE	DEMING	TRANSMOUNTAIN OIL COMPANY	915-779-3211
RATON SUBWAY	800 CLAYTON RD	RATON	ROSS OIL CO INC	505-483-2633
DENNYS PHILLIP'S 66	6454 N HWY 550	CUBA	DDH INC	505-289-3378
RIO RANCHO FIRE DEPARTMENT	2810 SOUTHERN BLVD	RIO RANCHO	RIO RANCHO (CITY OF)	505-892-0113
DESERT WEST TEXACO	3184 NM HWY 80	ROAD FORKS	ROAD FORKS PROPERTIES LLC	303-522-5532
DIAMOND SHAMROCK NO1212	361 COORS RD	ALBUQUERQUE	DIAMOND SHAMROCK STATIONS INC	915-833-7740
DIAMOND SHAMROCK NO1213	1100 COORS BLVD SW	ALBUQUERQUE	DIAMOND SHAMROCK STATIONS INC	915-833-7740
DIAMOND SHAMROCK NO1214	10315 CENTRAL NE	ALBUQUERQUE	DIAMOND SHAMROCK STATIONS INC	915-833-7740
DIAMOND SHAMROCK	2601 2ND ST NW	ALBUQUERQUE	ANTHEM OIL LLC	505-890-6435
DIAMOND SHAMROCK NO1216	401 MONTANO RD NE	ALBUQUERQUE	DIAMOND SHAMROCK STATIONS INC	915-833-7740
DIAMOND SHAMROCK NO1219	2721 COORS RD NW	ALBUQUERQUE	DIAMOND SHAMROCK STATIONS INC	915-833-7740
DIAMOND SHAMROCK NO1220	2505 SOUTHERN BLVD	RIO RANCHO	DIAMOND SHAMROCK STATIONS INC	915-833-7740

NEW MEXICO ENERGY ASSURANCE PLAN

DIAMOND SHAMROCK NO1221	2550 CENTRAL NE	ALBUQUERQUE	DIAMOND SHAMROCK STATIONS INC	915-833-7740
ANTHEM OIL 103	1705 SAN MATEO NE	ALBUQUERQUE	ANTHEM OIL LLC	505-890-6435
DIAMOND SHAMROCK NO1223	1425 UNIVERSITY BLVD NE	ALBUQUERQUE	DIAMOND SHAMROCK STATIONS INC	915-833-7740
DIAMOND SHAMROCK NO1225	7600 LOMAS NE	ALBUQUERQUE	DIAMOND SHAMROCK STATIONS INC	915-833-7740
DIAMOND SHAMROCK NO1226	511 BRIDGE SW	ALBUQUERQUE	DIAMOND SHAMROCK STATIONS INC	915-833-7740
PREMIER GAS AND FOOD MART	1734 JUAN TABO NE	ALBUQUERQUE	PREMIER GAS AND FOOD MART LLC	505-275-5950
ANTHEM OIL 104	2309 CENTRAL AVE NW	ALBUQUERQUE	ANTHEM OIL LLC	505-890-6435
DIAMOND SHAMROCK NO1235	9508 2ND ST NW ALAMEDA	ALBUQUERQUE	DIAMOND SHAMROCK STATIONS INC	915-833-7740
DIAMOND SHAMROCK NO1236	3440 ISLETA BLVD SW	ALBUQUERQUE	DIAMOND SHAMROCK STATIONS INC	915-833-7740
DIAMOND SHAMROCK NO1237	4420 ZUNI SE	ALBUQUERQUE	DIAMOND SHAMROCK STATIONS INC	915-833-7740
DIAMOND SHAMROCK NO1238	1775 MAIN ST SW	LOS LUNAS	DIAMOND SHAMROCK STATIONS INC	915-833-7740
DIAMOND SHAMROCK NO1240	12521 MENAUL BLVD NE	ALBUQUERQUE	DIAMOND SHAMROCK STATIONS INC	915-833-7740
DIAMOND SHAMROCK NO1241	10731 CORRALES RD NW	ALBUQUERQUE	DIAMOND SHAMROCK STATIONS INC	915-833-7740
DIAMOND SHAMROCK NO1242	4221 OSUNA NE	ALBUQUERQUE	DIAMOND SHAMROCK STATIONS INC	915-833-7740

NEW MEXICO ENERGY ASSURANCE PLAN

DIAMOND SHAMROCK NO1244	3700 EUBANK NE	ALBUQUERQUE	DIAMOND SHAMROCK STATIONS INC	915-833-7740
DIAMOND SHAMROCK NO1245	1715 MOON NE	ALBUQUERQUE	DIAMOND SHAMROCK STATIONS INC	915-833-7740
DIAMOND SHAMROCK NO1246	7940 LADERA DR NW	ALBUQUERQUE	DIAMOND SHAMROCK STATIONS INC	915-833-7740
DIAMOND SHAMROCK NO1247	601 E REINKEN AVE	BELEN	DIAMOND SHAMROCK STATIONS INC	915-833-7740
VALERO CORNER STORE #1248	2695 W PICACHO AVE	LAS CRUCES	DIAMOND SHAMROCK STATIONS INC	915-833-7740
DISTRICT TRANSPORTATION FACILITY	700 W MAPLE ST	BLOOMFIELD	BLOOMFIELD MUNICIPAL SCHOOL DISTRICT #6	505-632-2662
GIANT 848	8401 MONTGOMERY NE	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
BODE AERO SERVICES TANK FARMS 1 AND 2	7401 PASEO DEL VOLCAN	ALBUQUERQUE	BODE AERO SERVICES INC	505-352-0292
EL CUERNO LLC AND CONVENIENT STORE	24247 US HWY 84 N	CEBOLLA	EL CUERNO LLC AND CONVENIENT STORE	505-684-2247
DESERT FUEL & TOWING	120 N GOLD ST	DEMING	SPEER ROBERT & SANDRA J	505-546-2311
CHURCH ST SHELL	713 N CANAL	CARLSBAD	BREWER OIL COMPANY	505-884-2040
DUKE CITY FUELING	3203 BROADWAY SE	ALBUQUERQUE	PETROLEUM MANAGEMENT INC	505-379-7441
DURA BILT PRODUCTS INC	4808 JEFFERSON NE	ALBUQUERQUE	DURA BILT PRODUCTS INC	505-883-9100
ALMA DURAN DBA DURAN'S GAS AND GROCERY	NM STATE RD 522 AND NM 196	COSTILLA	DURAN ALMA DBA DURAN'S GAS AND GROCERY	505-586-0810

NEW MEXICO ENERGY ASSURANCE PLAN

EAGLE QUIK MART	4790 STERN DR	LAS CRUCES	A AND E ENTERPRISES INC	505-526-3131
EAGLE LAUNDRY INC	1715 W 66 AVE	GALLUP	EAGLE LAUNDRY INC	505-722-6700
EAGLE NEST ONE STOP	275 E THERMA DR	EAGLE NEST		
EAGLE QWIK MART	440 W PICACHO	LAS CRUCES	A AND E ENTERPRISES INC	505-526-3131
EAGLE QWIK MART 4	2110 N ALAMEDA BLVD	LAS CRUCES	A AND E ENTERPRISES INC	505-526-3131
EAST CENTRAL TIRE	12831 CENTRAL NE	ALBUQUERQUE	EAST CENTRAL TIRE	505-294-2883
JKSR LLC DBA MENAUL GAS & FOOD	2523 4TH NW	ALBUQUERQUE	SHAH KAMRUL A	505-247-0975
UNITED FUEL & ENERGY CORP SFS 27852	1200 W BROADWAY	HOBBS	UNITED FUEL AND ENERGY DBA SC FUELS	432-571-8000
UNITED FUEL & ENERGY BLK PLT 27853	1400 BROADWAY	HOBBS	UNITED FUEL AND ENERGY DBA SC FUELS	432-571-8000
EDGEWOOD SERVICE	PO BOX 247	EDGEWOOD	JARAMILLO TONY	505-281-9972
EL PASO ELECTRIC CO	555 S COMPRESS RD	LAS CRUCES	EL PASO ELECTRIC COMPANY	915-543-5942
EL RANCHO SHELL	1000 E 66	GALLUP	EL RANCHO INC	505-863-9311
EL SABINO 2	SR 32 15 MILES S OF GALLUP	WHITEWATER	GARCIA ABE	505-722-4893
UNITED FUEL & FUEL & ENERGY CORP 27933	1410 W AVENUE O	EUNICE	UNITED FUEL AND ENERGY DBA SC FUELS	432-571-8000
ATLANTIC AVIATION	2505 CLARK CARR LOOP SE	ALBUQUERQUE	ATLANTIC AVIATION	505-842-4990
CIRCLE K 6134	6121 LOMAS NE	ALBUQUERQUE	PCF SALECO LLC	303-867-6244
FARMERS INC	921 S DIAMOND ST	DEMING	GW FUELS	505-233-3775
PORTER OIL DEMING STATION AND WHOLESALE	501 N GOLD ST	DEMING	PORTER OIL INC	575-524-8666
FASTGAS STATION	514 W PINON	FARMINGTON	PAULSON W T FAST GAS	505-327-9236
FAST STOP 1161	424 E THIRD	TRUTH OR CONSEQUENCES	FAST STOP INC	505-894-6013

NEW MEXICO ENERGY ASSURANCE PLAN

FAST STOP 4	507 S BROADWAY	TRUTH OR CONSEQUENCES	FAST STOP INC	505-894-6013
RED X FUEL STOP	1035 HWY 54 E DRAWER 17	NARA VISA	GIRARD GARY	505-633-2990
DHILLON FUEL INC LLC	2405 STATE HWY 469	SAN JON	SINGH KULWINDER	575-576-2444
FINA 12	101 W AVE D	LOVINGTON	BELL GAS INC	575-622-4800
FINA MART	905 GRAND AVE	LAS VEGAS	LOPEZ GABRIEL	505-454-8649
FIRE DEPARTMENT CENTRAL STATION	301 E WHITE	HOBBS	HOBBS (CITY OF)	505-397-3636
NM FIRE FIGHTERS TRAINING ACADEMY	600 ASPEN RD	SOCORRO	PUBLIC REGULATION COMMISSION	505-827-4573
FLEET MAINTENANCE SHOP	1700 2ND ST NW	ALBUQUERQUE	CREAMLAND DAIRIES INC	505-247-0721
FLYING J TRAVEL PLAZA #689	9911 AVALON RD NW	ALBUQUERQUE	PILOT TRAVEL CENTERS LLC	865-588-7488
FOOD AND FUEL STORES MIDTOWN CHEVRON	750 S MAIN	LAS CRUCES	MAYFLOWER ENTERPRISES LLC	505-523-5444
L & M STATION	2930 SAN MATEO BLVD NE	ALBUQUERQUE	L AND M STATION LLC	505-888-7065
GIANT 805	301 E 20TH	FARMINGTON	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT 807	727 W BROADWAY	FARMINGTON	WESTERN REFINING SOUTHWEST INC	480-585-8888
FORMER ATEX 155	815 S 85	SOCORRO	SOCORRO LP GAS	
FORMER ATEX 171	2241 E MAIN	LOS LUNAS	ATEX LP GAS OF LOS LUNAS	505-897-7958
GALLUPS ROUTE 66 MINI MART	3060 W 66	GALLUP	LETADEZ ENTERPRIZES INC	505-275-1849
FOUR - FOUR INC	3000 BLOOMFIELD HWY	FARMINGTON	FOUR FOUR INC	505-327-6041
FOUR CORNERS REGIONAL AIRPORT HANGER 9.5	FOUR CORNERS REGIONAL AIRPORT HANGAR H 9 5	FARMINGTON	DUGAN PRODUCTION CORP	505-325-1821
FRAZIER OIL AND GAS	HWY 2 200 WEST FIRST	DEXTER	FRAZIER OIL AND GAS	

NEW MEXICO ENERGY ASSURANCE PLAN

FREEWAY LIQUORS	2034 SECOND NW	ALBUQUERQUE	FREEWAY LIQUORS INC	505-897-2229
FREEWAY SERVICE CENTER	3308 W HWY 66	GALLUP	BACA AURELIO	505-863-3411
FUEL CENTER PLUS 1	855 E SILVER HEIGHTS BLVD	SILVER CITY	FUEL CENTER PLUS INC	505-388-4433
FUEL MART CORP	3920 BLOOMFIELD HWY	FARMINGTON	GRAVES OIL AND BUTANE CO INC DBA NICO OIL GAS	505-325-4551
G AND M OIL CORP	2048 S HWY 54	ORO GRANDE	MORROW TOM	505-991-3074
GALLUP FLYING SERVICE INC	GALLUP AIRPORT	GALLUP	GALLUP FLYING SERVICE INC	505-863-4998
GIANT SHELL 6075	3800 E HWY 66	GALLUP	AYSHEH MOHAMMED	505-863-5221
GALLUP MOTOR POOL	700 S BOARDMAN	GALLUP	GALLUP MCKINLEY COUNTY PUBLIC SCHOOLS	505-722-7711
SHERMANS GAS UP	920 E 66 AVE	GALLUP	SPARTIN INVESTMENTS LLC	(505) 722-5031
GALLUP SCHOOL BUS TERMINAL	501 S BOARDMAN	GALLUP	GALLUP MCKINLEY COUNTY PUBLIC SCHOOLS	505-722-7711
D AND M SHAMROCK	1906 ISLETA SW	ALBUQUERQUE	GARCIA MARIANO & DORA	505-873-2181
USA GASOLINE 64022	26180 HWY 70	RUIDOSO DOWNS	TESORO REFINING AND MARKETING CO NORM STEWART	253-896-8801
GAS AND SAVE	200 MARGUERITE ST	GALLUP	PAY AND SAVE INC.	806-385-3366
NMGC GAS SERVICE CENTER	4625 EDITH NE	ALBUQUERQUE	NEW MEXICO GAS COMPANY (NMGC)	505-697-3516
GARCIA INFINITI	1234 RENAISSANCE BLVD NE	ALBUQUERQUE	GARCIA INFINITI	

NEW MEXICO ENERGY ASSURANCE PLAN

GIANT 6023	3730 CERRILLOS RD	SANTA FE	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT FOUR CORNERS 103	4151 US HWY 64	KIRTLAND	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT SERVICE STATION 35	10400 CENTRAL AVENUE SE	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT SERVICE STATION 4	531 E BROADWAY	FARMINGTON	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT STOP AND GO	6331 HWY 44	CUBA	JACQUEZ ARSENIO	505-289-3534
GLENWOOD TRADING POST	5077 US HWY 180	GLENWOOD	ALLRED JUNE C	505-539-2321
GOLDENS FOOD	700 CR RD 6100	FRUITLAND		
PAUL GONZALES TRUCKING	2371 AZTEC RD NE	ALBUQUERQUE	PAUL GONZALES TRUCKING INC	
GRANTS LIFT STATION	1545 E HWY 66	GRANTS	GRANTS (CITY OF)	505-287-7927
FREEWAY LIQUORS 2	191 ALAMEDA BLVD NW	ALBUQUERQUE	ALAMEDA VENTURES LLC OPERATOR	
GRAVES NO 3	1721 E TWENTIETH ST	FARMINGTON	GRAVES OIL AND BUTANE CO INC DBA NICO OIL GAS	505-325-4551
GRAVES PIT STOP 1	551 E MAIN ST	FARMINGTON	GRAVES OIL AND BUTANE CO INC DBA NICO OIL GAS	505-325-4551
GRIFFIN JACK A	MAIN ST HWY 38	RED RIVER	GRIFFIN JACK A	505-754-6348
LIQUOR MART	10001 CENTRAL NE	ALBUQUERQUE	LIQUOR MART PROPERTY LLC	208-523-6582
HADLEY GL CAR WASH	1260 SILER RD	SANTA FE	HADLEY GL CAR WASH	505-471-7970
HERON LAKE STORE	489 HWY 95	RUTHERON	ARAGON ANDREW	505-588-0325

NEW MEXICO ENERGY ASSURANCE PLAN

HERRERA SCHOOL BUSES AND COACHES INC 1	1140 SUNSET RD SW	ALBUQUERQUE	HERRERA SCHOOL BUSES AND COACHES INC	505-242-1108
HIGH ROLLS GENERAL STORE	845 HWY 82	HIGH ROLLS	COPPER BUTTERFLY LC	830-634-2731
HIGHWAY GENERAL MARKET	227 S PACIFIC S HWY 85	LAS VEGAS	MARTINEZ INC	505-425-8074
SNAPPY MART CHEVRON STATION 210	801 TOM FOY BLVD	BAYARD	W AND N ENTERPRISES INC	505-388-1551
CIRCLE K 6283	2505 WYOMING NE	ALBUQUERQUE	PCF SALECO LLC	303-867-6244
HOLIDAY CONOCO	4002 E TUCUMCARI BLVD	TUCUMCARI	TUCUMCARI OIL CO	505-868-2251
OUAIS GAS	2925 JUAN TABO NE	ALBUQUERQUE		
GIANT 864	4354 CERRILLOS RD	SANTA FE	WESTERN REFINING SOUTHWEST INC	480-585-8888
HOTEL CIRCLE NEW MEXICO PROPERTY	1 HOTEL CIRCLE AVE NE	ALBUQUERQUE		
SNAPPY MART CHEVRON STATION 205	809 N HUDSON	SILVER CITY	W AND N ENTERPRISES INC	505-388-1551
BROADWAY CONOCO	520 E BROADWAY	FARMINGTON	SPARTIN INVESTMENTS LLC	(505) 722-5031
FOX I-10 CHEVRON	500 E RAILROAD BLVD	DEMING	FOX ROBERT S	505-546-7459
I 40 TEXACO	3023 S 1ST	TUCUMCARI	SCHLIENTZ REBA	505-821-1098
POWER PLUS CAR WASH	1001 SUDDERTH DR	RUIDOSO	2-DB LLC	505-257-2701
INDIAN VILLAGE GIFT SHOP	15 STATE RD 122 EXIT 47 I 40 HWY WEST	CONTINENTAL DIVIDE	CONTINENTAL DIVIDE INC	505-862-7432
INN OF PECOS 2	RTE 1 PO BOX 18 B	PECOS	SANDIA OIL CO	505-292-5494
INTERSTATE 66	I 25 AND CLAYTON RD	RATON	PENDLETON OIL AND GAS	575-485-2262
J AND J COUNTRY MART	3211 HWY 47	LOS LUNAS	LUCKSINGER JUDY	505-865-0312
HOWDYS #335	701 E FIRST STREET	ALAMOGORDO	C AND R DISTRIBUTING LLC	915-774-7300

NEW MEXICO ENERGY ASSURANCE PLAN

HOWDYS #334	910 FOURTH ST	TULAROSA	C AND R DISTRIBUTING LLC	915-774-7300
HOWDYS #332	2126 N FLORIDA	ALAMOGORDO	C AND R DISTRIBUTING LLC	915-774-7300
HOWDYS #331	901 HWY 70 W	ALAMOGORDO	C AND R DISTRIBUTING LLC	915-774-7300
GASMAX GALLUP	HWY 491 5 MILES N OF N OF GALLUP	GALLUP	SPARTIN INVESTMENTS LLC	(505) 722- 5031
CHISOLMS CORNER STOP	CORNER HWY 52 AND ROCK C	ELEPHANT BUTTE	CHISOLM PROPERTIES LLC	505-296-1200
J D CONOCO	HWY 72	RATON	STATE OIL CO INC	505-445-9641
JDS SERVICE CENTER	1204 N MAIN	EUNICE	DAVIS J D	505-394-2742
FAIRVIEW STATION	1626 N RIVER SIDE DR	ESPANOLA		
JRS COUNTY STORE 508	1221 S SECOND ST	RATON	JRS FUEL STOP INC	719-846-3237
STRIPES 250	3305 W MARLAND BLVD	HOBBS	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
CIRCLE K 6305	1401 COORS BLVD NW	ALBUQUERQUE	PCF SALECO LLC	303-867-6244
KICKS 66 ROBERTS OIL CO	1104 CALIFORNIA ST	SOCORRO	ROBERTS OIL CO INC	505-262-1607
KICKS PHILLIPS 66	4510 LOMAS NE	ALBUQUERQUE	ROBERTS OIL CO INC	505-262-1607
CIRCLE K 6298	5501 ALAMEDA NE	ALBUQUERQUE	PCF SALECO LLC	303-867-6244
KIRKMEYER ELECTRIC INC	2024 N DAL PASO	HOBBS	KIRKMEYER ELECTRIC INC	505-397-3631
KIRTLAND FOOD PLAZA	1620 CARLISLE SE	ALBUQUERQUE	R AND E ENTERPRISES INC	505-266-6555
CEFCO DBA TAYLOR FOOD MART #2531	101 N FIRST ST	CLAYTON		
LA TIENDITA STORE	869 HWY 68	ALCALDE	ULIBARRI MANUEL A	505-852-4445
LALOS CHEVRON	HWY 285	VAUGHN	PADILLA LALO AF	
SUNMART 676	101 THORPE RD	DONA ANA	PETROLEUM WHOLESALE LP	281-681-1000 J
LAS ALAMEDAS FOOD MART	3520 FOOTHILLS RD	LAS CRUCES	ESPINO INVESTMENTS LTD	915-857-3928

NEW MEXICO ENERGY ASSURANCE PLAN

LAS CRUCES (CITY OF)	1501 E HADLEY ST	LAS CRUCES	LAS CRUCES (CITY OF) - SUPPORT SERVICES	505-527-7852
GALLES AND DAVIS MOTOR CO INC	6401 SAN MATEO BLVD NE	ALBUQUERQUE	GALLES AND DAVIS MOTOR CO INC	505-884-7100
SAVOYA TRADE CENTER	3420 BOND STREET	RAMAH	CATES GERALD L	505-320-8049
SAVOYA TRADE CENTER	3420 BOND STREET	RAMAH	CATES GERALD L	505-320-8049
LOAF N JUG 27	1262 S SECOND ST	RATON	MINI MART INC DBA LOAF N JUG	719-948-3071
LODGE AT CHAMA THE	HWY 84 PO BOX 127	CHAMA	RUNNING ELK, INC.	505-756-2133
LOHMAN FOOD MART	926 E LOHMAN	LAS CRUCES	SIMM INC DBA SYED ASHRAF	505-524-9550
C AND S AUTOMOTIVE REPAIR INC	4815 LOMAS BLVD NE	ALBUQUERQUE	C & S QUALITY AUTO	505-255-8801
GIANT 803	6176 HWY 64	FARMINGTON	WESTERN REFINING SOUTHWEST INC	480-585-8888
LOS ALAMOS AIRPORT	1040 AIRPORT RD NO2	LOS ALAMOS	LOS ALAMOS AV GAS INC	505-672-9302
KWIK LUBE LOS ALAMOS	2155 TRINITY DR	LOS ALAMOS	NARANJO FIDEL	505-622-6266
SMTIHS #497	1239 TRINITY DR	LOS ALAMOS	SMITHS FOOD AND DRUG CENTERS INC	615-232-9623
LOS ALAMOS SHELL	2591 TRINITY DR	LOS ALAMOS	VAN LYSSEL R M	505-662-6100
LOVES COUNTRY STORE 276	900 W MOTEL DR	LORDBURG	LOVES TRAVEL STOPS AND COUNTRY STORES INC	405-302-6640
LOVES BUDGET FUEL STOP 210	2201 6TH ST NW	ALBUQUERQUE	LOVES TRAVEL STOPS AND COUNTRY STORES INC	405-302-6640
LOVES COUNTRY STORE 22	703 S FIRST ST	CLAYTON	LOVES TRAVEL STOPS AND COUNTRY STORES INC	405-302-6640

NEW MEXICO ENERGY ASSURANCE PLAN

LOVES COUNTRY STORE 257	I 40 AND HORIZON BLVD	MILAN	LOVES TRAVEL STOPS AND COUNTRY STORES INC	405-302-6640
LOVES COUNTRY STORE 259	9005 ROBERT LARSON BLVD	LAS CRUCES	LOVES TRAVEL STOPS AND COUNTRY STORES INC	405-302-6640
LOVES COUNTRY STORE 285	HC 66 PO BOX 151	SANTA ROSA	LOVES TRAVEL STOPS AND COUNTRY STORES INC	405-302-6640
LOVES COUNTRY STORES 215	3380 W HWY 66	GALLUP	LOVES TRAVEL STOPS AND COUNTRY STORES INC	405-302-6640
UNITED FUEL & ENERGY CORP SFS 29154	720 S MAIN	LOVINGTON	UNITED FUEL AND ENERGY DBA SC FUELS	432-571-8000
LUBE PLAZA 5	151 ALAMEDA BLVD NW	ALBUQUERQUE	FREEWAY LIQUORS INC	505-897-2229
LUBRICATORS THE	1600 E 20TH ST	FARMINGTON	SABER LEE INVESTMENTS LLC	505-326-4050
M AND R TRADING CO	N HWY 666 PO BOX 2312	GALLUP	M AND R TRADING CO	505-722-9020
CIRCLE K 6118	900 JUAN TABO NE	ALBUQUERQUE	PCF SALECO LLC	303-867-6244
CLASSIC EMPORIUM III LLC DBA: RAIN TUNNEL CAR SPA	2100 CENTRAL SW	ALBUQUERQUE	BUCKNER ALARIC	505-242-5562
MARGARITAS MUSTANG	US HWY 84	TIERRA AMARILLA	SANCHEZ RAMON	505-588-7817
MARSHALLS TEXACO SERVICE	2100 E 66 AVE	GALLUP	MATAYA INVESTMENTS CO	505-863-5221
HENRY'S CORNER	109 MAIN ST	RESERVE	HENRYS CORNER INC	505-533-6234
CHEV3307W LLC	3307 W HWY 66	GALLUP	CHEV3307W LLC	505-863-4149
GIANT SHELL 6076	3306 E HWY 66	GALLUP	INDIAN TRADE CENTER INC DBA GILBERT ORTEGAS	505-722-6666
MCCURDY HIGH SCHOOL	261 MCCURDY RD	ESPANOLA	MCCURDY SCHOOL	505-753-7221

NEW MEXICO ENERGY ASSURANCE PLAN

SHORTY'S OF MESILLA	2920 S NM 28	MESILLA	T D INDUSTRIES INC	505-526-1110
PIC QUIK STORE NO 10	825 AVENIDA DE MESILLA	LAS CRUCES	PIC QUIK STORES INC	505-523-5611
METZGER MOBIL	1399 DIAMOND DR	LOS ALAMOS	METZGER REALTY INC	505-662-3715
METZGER MOBIL DO IT BEST	128 STATE ROUTE 4	LOS ALAMOS	METZGER REALTY INC	505-662-3715
MICHAELS MINI MART AND PACKAGE LIQUORS	1410 N TAOS HWY 68	VELARDE	ROMERO MICHAEL D	505-852-4769
MIDWAY SERVICE STATION	HWY 518	SAPELLO	MARTINEZ CARLOS	505-425-8094
CHEVRON MINING INC QUESTA MINE	3.5 MILES E OF QUESTA ON SR 38	QUESTA	CHEVRON MINING INC	505-586-7625
BUSHRAH LLC	8920 MENAUL NE	ALBUQUERQUE	BUSHRAH LLC	505-332-0729
NACHO	2512 LOHMAN	LAS CRUCES	BREWER OIL COMPANY	505-884-2040
CHROME OUTLET DBA NATIONAL TRUCK STOP	16320 STERN DR	VADO	ABDELJALIL MAJDI	
NAVAJO SHOPPING CENTER STATION	2 MILES N ON HWY 666	GALLUP	NAVAJO SHOPPING CENTER LTD	505-722-7778
PENNY PINCHERS GAS AND FOOD LLC	1301 E HWY 66	GALLUP	NECHERO LIMITED LIABILITY CO	505-722-8862
NEW MEXICO (STATE OF) NMDOT	1120 CERRILLOS RD	SANTA FE	NEW MEXICO (STATE OF) NMDOT	505-827-5587 To
NINTH AND PRINCE CHEVRON	901 PRINCE	CLOVIS	SMITH OIL CO INC	505-762-0382
ANTHEM 107	1101 ALAMEDA BLVD NW	ALBUQUERQUE	ANTHEM OIL LLC	505-890-6435
NORTHEAST CHEVRON	6940 MONTGOMERY BLVD NE	ALBUQUERQUE	ROCKING R ENTERPRISES INC DBA NORTHEAST CHEVRON	505-881-9399
OLD GLORY OUTPOST	3101 EAST PINE ST	DEMING	GALINDO JIMMY	
ONE STOP CONVENIENCE STORE	960 S VALLEY	LAS CRUCES	ONE STOP CONVENIENCE STORE INC	575-496-3245

NEW MEXICO ENERGY ASSURANCE PLAN

SANTA CRUZ COUNTRY STORE	STATE RD 76 1800	SANTA CRUZ	GURPREET, LLC	505-474-2927
ORO GRANDE OUTPOST	1717 MAIN ST S HWY 54	ORO GRANDE	WOODHOUSE AND COLLIS LLC	
NORTH STAR TEXACO	2460 N 522	QUESTA	QUESTA LUMBER AND HARDWARE	505-586-0561
B&R MUSTANG	HWY 522	QUESTA		
PECOS CANYON STATION INC	86 COWLES HWY NM HWY 63	PECOS	GRIEGO LEONARD	505-757-6555
P AND L GROCERY	STATE RD 74	CHAMITA	TRUJILLO PEDRO P	505-501-3658
PACHECOS 66	15066 HWY 75	PENASCO	PACHECO MICHAEL	505-587-2570
HOWDYS #339	1685 UNIVERSITY AVE	LAS CRUCES	TRANSMOUNTAIN OIL COMPANY	915-779-3211
PANCHOS MINUTEMAN STATION	STATE RD 63 50	PECOS	PANCHOS MINUTEMAN STATION	505-757-6769
ANTHEM OIL 105	9160 COORS NW	ALBUQUERQUE	ANTHEM OIL LLC	505-890-6435
PUMP N SAVE 50	800 BRIDGE SW	ALBUQUERQUE	ROBERTS OIL CO INC	505-262-1607
FENNS MINI MART	3985 SOUTH MAIN STREET	LAS CRUCES	FENN BENNY	505-527-8219
PATS BERMUDA TRIANGLE	1006 HWY 195	ELEPHANT BUTTE	CARRAHER DAVID	505-744-4026
PECOS TRAILS TRANSIT	515 N MAIN ST	ROSWELL	ROSWELL (CITY OF)	505-624-6719
PENDLETON 66	N HWY 3	QUESTA	PENDLETON OIL AND GAS	575-485-2262
PENDLETON 66 SERVICE STATION	FIFTH AND RICHELIEU HWY	ROY	PENDLETON OIL AND GAS	575-485-2262
PENDLETON 66 TRUCK STOP	N HWY 85	SPRINGER	PENDLETON OIL AND GAS	575-485-2262
PENDLETON 66 TRUCK STOP RATON	S HWY 85 1385 S 2ND ST	RATON	PENDLETON OIL AND GAS	575-485-2262
PENDLETON OIL AND GAS CO OF TAOS	S SANTA FE RD 1547 PASEO DE PUEBLO SUR	TAOS	PENDLETON OIL AND GAS	575-485-2262
PENSKE TRUCK LEASING CO LP	1400 CANDELARIA RD NE	ALBUQUERQUE	PENSKE TRUCK LEASING CO LP	610-775-6298

NEW MEXICO ENERGY ASSURANCE PLAN

MILAN STOPPING CENTER	I 40 AND HORIZON BLVD	MILAN	HPT TA PROPERTIES TRUST	440-808-4411
FIRST STREET PETROLINK	1200 FIRST ST NW	ALBUQUERQUE	FIRST STREET CARDLOCK PROPERTY LLC	208-523-6582
PHILLIPS 66 FOOD PLAZA	2311 W PIERCE	CARLSBAD	WALKER SIMS OIL CO INC	806-745-1668
PHILLIPS 66 STATION A	101 N US HWY 54	LOGAN	LOGAN SUPERSTOP INC	
PHILMONT SCOUT RANCH	RT 1 BOX 38	CIMARRON	PHILMONT SCOUT RANCH	505-376-2281
PIC QUIK STORES INC NO 19	1770 S TELSHOR BLVD	LAS CRUCES	PIC QUIK STORES INC	505-523-5611
PILOT TRAVEL CENTERS LLC 266	2681 W AMADOR	LAS CRUCES	PILOT TRAVEL CENTERS LLC	865-588-7488
PILOT TRAVEL CENTERS LLC 163	1050 E MOTEL DR	LORDSBURG	PILOT TRAVEL CENTERS LLC	865-588-7488
PINE STREET FINA	423 E PINE ST	DEMING	BARKER OIL CO INC	505-546-8859
PINOS TRUCK STOP	1901 N GRAND AVE	LAS VEGAS	PINO DONALD	505-425-8387
PLACITAS MINI MART	648 HWY 165	PLACITAS	ESPINOSA CASSANDRA & DAVID	505-573-7483 C
PLATEAU 7549 DBA CONOCO	650 BOSQUE FARMS BLVD	BOSQUE FARMS	WESTERN REFINING SOUTHWEST INC	480-585-8888
POPLAR SERVICE CENTER	755 S PLATINUM	DEMING	BARKER OIL CO INC	505-546-8859
PORTER OIL CO INC	306 S MOTEL BLVD	LAS CRUCES	PORTER OIL INC	575-524-8666
COSTCO 116	RENAISSANCE AND ALEXANDER BLVD	ALBUQUERQUE	COSTCO WHOLESALE CORPORATION	425-313-6998
PRONTO FINA	2424 E 66	GALLUP	SEAYS INC	505-863-3380
PUMP N SAVE A	10710 MENAUL NE	ALBUQUERQUE	ROBERTS OIL CO INC	505-262-1607
CHUCKY'S GAS FOR LESS FOOD MART	161 E MADRID	LAS CRUCES	SIMM INC DBA SYED ASHRAF	505-524-9550
QUIK STOP	907 ST FRANCIS DR	SANTA FE	POLK OIL COMPANY	505-753-2365

NEW MEXICO ENERGY ASSURANCE PLAN

GIANT 370	11 ROVER BLVD	LOS ALAMOS	POLK OIL COMPANY	505-753-2365
GIANT 371	3701 ARKANSAS	LOS ALAMOS	POLK OIL COMPANY	505-753-2365
GIANT 373	1225 PASEO DE ONATE	ESPANOLA	POLK OIL COMPANY	505-753-2365
J & A QUICKSTOP	90 E EL CERRO MISSION RD	LOS LUNAS	J & A QUICKSTOP	505-865-3771
R AND L SERVICE CENTER	1929 PINOS ALTOS RD	SILVER CITY	R AND L SERVICE CENTER INC	505-538-9742
GAS X PRESS	13025 LOMAS NE	ALBUQUERQUE	RABADI SHARIF	505-440-6443
RATON TRUCK STOP INC	855 CLAYTON RD	RATON	ROSS OIL CO INC	505-483-2633
RAYS ONE STOP	HWY 14 S	TAJIQUE	ESTRADA FELICITAS	505-384-5050
RED ROCK PORTALES CARD STOP	S AVE D 15TH ST	PORTALES	PORTALES CARD SYSTEMS PARTNERSHIP	575-762-2284
RED ROCK OIL CO A	520 W BRADY ST	CLOVIS	RED ROCK PETROLEUM INC	
RICO MOTOR CO	501 W COAL AVENUE	GALLUP	RICO MOTOR CO	505-722-2271
SNAPPY MART NO 207	HWY 180 E	ARENAS VALLEY	W AND N ENTERPRISES INC	505-388-1551
MONTGOMERY NEW MEXICO PROPERTY	3205 MONTGOMERY BLVD NE	ALBUQUERQUE		
CANDELARIA NEW MEXICO PROPERTY	3641 12TH ST NW	ALBUQUERQUE		
RIO GRANDE NEW MEXICO PROPERTY	1111 RIO GRANDE BLVD NW	ALBUQUERQUE		
MB OIL COMPANY	1236 CAMINO DEL PUEBLO	BERNALILLO	M B OIL LLC CO	505-867-6636
MORIARTY TRAVEL CENTER	1700 US ROUTE 66 WEST	MORIARTY	HPT TA PROPERTIES TRUST	440-808-4411
ESTES WEST	3500 PRINCETON DR NE	ALBUQUERQUE	ESTES EXPRESS LINES	804-353-1900
LOWES PAY AND SAVE #60	HWY 434 AND ANGEL FIRE RD	ANGEL FIRE	LOWES PAY AND SAVE INC	241-470-6199
ROMANS SERVICE CENTER	1700 BRIDGE SW AND GULF	ALBUQUERQUE	MONDRAGON ALFRED	505-831-0344

NEW MEXICO ENERGY ASSURANCE PLAN

ERNIE'S TEXACO	2525 HOT SPRINGS BLVD	LAS VEGAS	ROMERO ERNIE	
AUTO ANGEL INC THE	3140 CERRILLOS RD	SANTA FE	AUTO ANGEL INC THE	
ROSWELL SERVICE CENTER	910 E BLAND	ROSWELL	SOUTHWESTERN PUBLIC SERVICE CO DBA XCEL ENERGY	806-378-2121
MORA CHEVRON LLC	HWY 518	MORA	ROYBAL ORLANDO	505-387-2820
RUSSELLS ONE STOP	HWY 64 PO BOX 447	CIMARRON	MICHAEL D HAMMITT DBA RUSSELLS ONE STOP	505-376-2224
RUSSELLS TRUCK AND TRAVEL CENTER	EXIT 419 I 25	SPRINGER	RUSSELLS INC	505-376-2262
RYDER MAINTENANCE CENTER	1500 MISSION AVE NE	ALBUQUERQUE	RYDER TRUCK RENTAL INC	
WESTERN DAIRY TRANSPORT	2309 W 18TH STREET	PORTALES	SOUTHWEST CANNERS INC	505-359-1781
RIO RANCHO NORTH	580 UNSER BLVD SE	RIO RANCHO	RIO RANCHO NORTH PROPERTY LLC	208-523-6582
SAFETY KLEEN CORP 700801	2720 GIRARD NE	ALBUQUERQUE	SAFETY-KLEEN SYSTEMS INC	480-294-5082
SAINT JOSEPH WEST MESA HOSPITAL	ATTENTION PLANT OPERATIONS 10501 GOLF COURSE RD NW	ALBUQUERQUE	SAINT JOSEPH WEST MESA HOSPITAL	
SANDIA SHELL	7801 CARR WAY	RIO RANCHO	BREWER OIL COMPANY	505-884-2040
SANDIA AIR PARK	N END RAINBOW RD	EDGEWOOD	SANDIA AIRPARK INC	505-898-3154
SANDIA CHEVRON	600 WYOMING SE	ALBUQUERQUE	SPIECA NICOLAE	505-254-4792
SANDIA TUCUMCARI FINA 34	702 E TUCUMCARI BLVD	TUCUMCARI	SANDIA OIL CO	505-292-5494
SANDOVAL SERVICE STATION	HWY 60 AND 285	ENCINO	SANDOVAL NORBERT, LARRY & VIOLA M	575-584-2334

NEW MEXICO ENERGY ASSURANCE PLAN

SANTA FE AUTO PARK	4470 CERRILLOS RD	SANTA FE	WESTERN REFINING WHOLESALE NM	602-859-6142
SANTA FE (CITY OF)	1142 SILER RD	SANTA FE	SANTA FE (CITY OF)	505-954-7129
SANTA FE LODGE CONOCO STOP N SHOP	6800 CERRILLOS RD	SANTA FE	SMITH RAYMON K	505-753-7559
SANTA FE PEERLESS TYRE CO	3010 CERRILLOS RD	SANTA FE	PEERLESS TYRE CO	303-371-4300
SAV O MAT	745 S 2ND ST	RATON	SAV-O-MAT INC	303-744-1711
SAV O MAT A	502 UNIVERSITY AVE	LAS VEGAS	SAV-O-MAT INC	303-744-1711
SAV O MAT B	920 EL PASEO RD	LAS CRUCES	SAV-O-MAT INC	303-744-1711
SAV O MAT C	321 W PINE ST	DEMING	SAV-O-MAT INC	303-744-1711
SAV O MAT D	705 10TH ST	ALAMOGORDO	SAV-O-MAT INC	303-744-1711
SUNMART 683	1001 S MAIN ST	LORDSBURG	PETROLEUM WHOLESALE LP	281-681-1000 J
SUNMART 680	1301 S MAIN ST	LORDSBURG	PETROLEUM WHOLESALE LP	281-681-1000 J
SCHORR ENT INC DBA PARADISE CHEVRON	5647 PARADISE BLVD NW	ALBUQUERQUE	SCHORR ENT INC DBA PARADISE CHEVRON	505-898-3750
UNITED FUEL & ENERGY CORP SFS 30526	210 E MAIN	ARTESIA	UNITED FUEL AND ENERGY DBA SC FUELS	432-571-8000
SEVEN ELEVEN 700	1010 YALE SE	ALBUQUERQUE	SOUTHWEST CONVENIENCE STORES LLC	432-580-8850
SEVEN ELEVEN 702	10320 CANDELARIA NE	ALBUQUERQUE	SOUTHWEST CONVENIENCE STORES LLC	432-580-8850
SEVEN ELEVEN 703	12000 MENAUL NE	ALBUQUERQUE	SOUTHWEST CONVENIENCE STORES LLC	432-580-8850
SEVEN ELEVEN 704	3808 MONTGOMERY NE	ALBUQUERQUE	SOUTHWEST CONVENIENCE STORES LLC	432-580-8850
SEVEN ELEVEN 705	1801 SAN PEDRO NE	ALBUQUERQUE	SOUTHWEST CONVENIENCE STORES LLC	432-580-8850

NEW MEXICO ENERGY ASSURANCE PLAN

SEVEN ELEVEN 706	6201 SAN ANTONIO NE	ALBUQUERQUE	SOUTHWEST CONVENIENCE STORES LLC	432-580-8850
SEVEN ELEVEN 707	10324 MENAUL NE	ALBUQUERQUE	SOUTHWEST CONVENIENCE STORES LLC	432-580-8850
SEVEN ELEVEN 709	2120 BROADWAY SE	ALBUQUERQUE	SOUTHWEST CONVENIENCE STORES LLC	432-580-8850
SEVEN ELEVEN 710	12524 CENTRAL SE	ALBUQUERQUE	SOUTHWEST CONVENIENCE STORES LLC	432-580-8850
SEVEN ELEVEN 711	9215 INDIAN SCHOOL RD NE	ALBUQUERQUE	SOUTHWEST CONVENIENCE STORES LLC	432-580-8850
SEVEN ELEVEN 712	5401 KATHRYN SE	ALBUQUERQUE	SOUTHWEST CONVENIENCE STORES LLC	432-580-8850
SEVEN ELEVEN 714	1401 EUBANK NE	ALBUQUERQUE	SOUTHWEST CONVENIENCE STORES LLC	432-580-8850
SEVEN ELEVEN 717	1720 CENTRAL SE	ALBUQUERQUE	SOUTHWEST CONVENIENCE STORES LLC	432-580-8850
SEVEN ELEVEN 718	2625 WYOMING NE	ALBUQUERQUE	SOUTHWEST CONVENIENCE STORES LLC	432-580-8850
SEVEN ELEVEN 719	1111 LOMAS NW	ALBUQUERQUE	SOUTHWEST CONVENIENCE STORES LLC	432-580-8850
SEVEN ELEVEN 720	7525 MONTGOMERY NE	ALBUQUERQUE	SOUTHWEST CONVENIENCE STORES LLC	432-580-8850
SEVEN ELEVEN 721	2315 SOUTHERN	RIO RANCHO	SOUTHWEST CONVENIENCE STORES LLC	432-580-8850
MIKES THRIFTWAY	3120 W HWY 66	GALLUP	BURGER MIHAI (MIKES THRIFTWAY)	505-863-4929
ONDA WILLIAMSBURG 1199	601 W BROADWAY	WILLIAMSBURG	ONDA OIL CO	505-622-4529

NEW MEXICO ENERGY ASSURANCE PLAN

CIRCLE K STORE NO6000	924 S HWY 85	SOCORRO	CIRCLE K STORES INC	602-728-3593
SHORTY'S EAST	5580 BATAAN MEMORIAL HWY	LAS CRUCES	T D INDUSTRIES INC	505-526-1110
CIRCLE K STORE NO6001	801 THORPE RD	LAS CRUCES	CIRCLE K STORES INC	602-728-3593
GAS DIESEL AND MORE	5701 N JORNADA	LAS CRUCES	URANGA ERNESTO	575-644-7254
M&E CHEVRON 75953	9633 MONTGOMERY BLVD NE	ALBUQUERQUE	M&E NEW MEXICO PROPERTY LLC	208-523-6582
GIANT 377	HWY 3 AND TAOS SKI VALLE	EL PRADO	POLK OIL COMPANY	505-753-2365
SNAPPY MART CHEVRON STATION 209	875 SILVER HEIGHTS	SILVER CITY	W AND N ENTERPRISES INC	505-388-1551
ANNEX B-LOCAL GOVERNMENT REFUELING STATION	1106 N POPE ST	SILVER CITY	SILVER CITY (TOWN OF)	505-388-1527
SIPAPU	STATE RD 518	VADITO	BOLANDER BRUCE	575-587-2240
SMOKE N FUEL	321 E SANGER	HOBBS	CD EXPRESS	505-393-4645
SNAPPY MART 1195	206 N HUDSON	SILVER CITY	BELL GAS INC	575-622-4800
SNAPPY MART 19 AKA LUBE N GO	1810 SWAN ST	SILVER CITY	BELL GAS INC	575-622-4800
SOCORRO SOUTH	1107 SOUTH HWY 85	SOCORRO	SOCORRO SOUTH PROPERTY LLC	208-523-6582
SOLID WASTE MANAGMENT DIVISION	4600 EDITH BLVD NE	ALBUQUERQUE	ALBUQUERQUE (CITY OF) SOLID WASTE DEPT	
SOUTHWEST LP GAS CO	3025 NATIONAL PARKS HWY	CARLSBAD	BELL GAS INC	575-622-4800
PUMP N SAVE 44	508 HWY 85 SE	SOCORRO	ROBERTS OIL CO INC	505-262-1607
SPEEDYS 426	720 E SANTA FE	GRANTS	UNITED DEVELOPMENT INC ATTN ZINGET	505-722-5031 x
SPEEDYS	HCR 5 PO BOX 310	GALLUP	SPARTIN INVESTMENTS LLC	(505) 722- 5031
SPILCA PLATEAU	1301 BROADWAY SE	ALBUQUERQUE	SPILCA ILIE	

NEW MEXICO ENERGY ASSURANCE PLAN

SPORTSMAN SHELL INC	1013 RAILROAD AVE	SPRINGER	ROSS OIL CO INC	505-483-2633
SQUEAKY CLEAN CARWASH	1900 CERRILLOS RD	SANTA FE	ALL JAY LTD	505-983-4201
GIANT 844	2401 SAN MATEO NE	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
STATE OF NM INSTITUTE OF MINING AND TECHNOLOGY	PHYSICAL PLANT	SOCORRO	STATE OF NM INSTITUTE OF MINING AND TECHNOLOGY	505-835-5533
STIRES FINA MART	550 LISA DR	CHAPARRAL	STIRES JOE	505-824-9701
STIRES MINI MART	300 MC COMBS RD	CHAPARRAL	STIRES JOE	505-824-9701
STONE HOUSE LODGE	HERON LAKE RD HC 75 BOX 1022	RUTHERON	STONE HOUSE LODGE LLC	505-844-0913 C
SUN DIAL DELI MART	4199 HWY 64	KIRTLAND	DIAL OIL CO INC	505-634-7777
SUN DIAL DELI MART 1	2615 E MAIN	FARMINGTON	DIAL OIL CO INC	505-634-7777
SUNMART 678	1421 S MAIN ST	LORDSBURG	PETROLEUM WHOLESALE LP	281-681-1000 J
SUNDANCE FUELS INC	710 E FIRST ST	CLOVIS	SUNDANCE FUELS INC	505-763-3441
SUNDANCE MECHANICAL	4400 ALAMEDA NE STE E	ALBUQUERQUE	SUNDANCE MECHANICAL	505-345-2694
THRIFTWAY 227	416 N MAIN ST	AZTEC	WESTERN REFINING SOUTHWEST INC	480-585-8888
SUNDIAL DELI MART 4	4110 E MAIN	FARMINGTON	DIAL OIL CO INC	505-634-7777
SUNDIAL DELI MART 5	HWY 84 AND 64	CHAMA	DIAL OIL CO INC	505-634-7777
SUNDIAL DELI MART 6	1241 HWY 170	LA PLATA	DIAL OIL CO INC	505-634-7777
SUNDIAL DELIMART	121 S BLOOMFIELD BLVD	BLOOMFIELD	DIAL OIL CO INC	505-634-7777
SUNDIAL DELIMART 7	1315 W AZTEC BLVD	AZTEC	DIAL OIL CO INC	505-634-7777
SANDIS SAVE GAS	4301 EAST PINE STREET	DEMING	SPEER ROBERT & SANDRA J	505-546-2311
GIANT 6078	01 ROMEROVILLE US 84 AND I 25	ROMEROVILLE	WESTERN REFINING SOUTHWEST INC	480-585-8888
T R MARKET INC	N HWY 666 PO BOX 477	GALLUP	T AND R MARKETING INC	505-722-4366
TACO BOX TEXACO	1200 W 2ND	PORTALES	PLAN B INC A NM CORP	505-769-1898

NEW MEXICO ENERGY ASSURANCE PLAN

ALLSUPS 300	720 E 1ST ST	CLOVIS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
TARRO OIL CO	1503 W 66	GALLUP	TARRO OIL CO	505-863-4501
HOWDYS #336	1998 BATAAN MEMORIAL EAST	LAS CRUCES	TRANSMOUNTAIN OIL COMPANY	915-779-3211
GIANT 842	3200 MONTGOMERY NE	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
CONOCO PHILLIPS-BURGER KING FAC. #31044	100 N SAINT FRANCIS DR	SANTA FE	TKJ INC	505-292-5744
CARLISLE SERVICE CENTER & SUBWAY	2137 CARLISLE BLVD NE CARLISLE AND I 40	ALBUQUERQUE	SULLIVAN LTD	505-256-3808
GIANT 846	2932 JUAN TABO NE	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT 845	7011 LOMAS BLVD NE	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT FOUR CORNERS 002	2654 E 66 AVE	GALLUP	WESTERN REFINING SOUTHWEST INC	480-585-8888
ALLSUPS 324	1220 W 7TH ST	CLOVIS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
GIANT 840	1524 COORS BLVD	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
GAS AND SAVE	2901 EUBANK BLVD NE	ALBUQUERQUE	WEINGARTEN REALTY INVESTORS	602-217-8852
GIANT 841	924 RIO GRANDE BLVD	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT 843	6821 SAN MATEO, NE	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
SOCORRO EXXON	1105 CALIFORNIA ST	SOCORRO	MPOC LLC	505-393-5135

NEW MEXICO ENERGY ASSURANCE PLAN

ALLSUPS - NO333	1400 WHEELER AVE	TEXICO	ALLSUPS CONVENIENCE STORES INC	505-769-2311
RHOC EXPRESS (ARROYO SECO)	18360 US HWY 84/285	ARROYO SECO	SUPREME LLC DBA ROY HONSTEIN OIL CO A	505-753-3255
KENT KWIK #501	3500 N WHITE SANDS BLVD	ALAMOGORDO	KENT OIL NM LLC	
528 CONOCO	4196 HWY 528	BERNALILLO	TIWA ENTERPRISES INC	
TOM GROWNEY EQUIPMENT A	2301 CANDELARIA NE	ALBUQUERQUE	TOM GROWNEY EQUIPMENT INC	505-884-2900
ROCKY MOUNTAIN MINI MART	W HWY 84	CHAMA	TORREZ JOE	505-756-2928
STRIPES 227	2005 W PIERCE	CARLSBAD	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
TRADEMART FINA	1500 S SECOND ST	GALLUP	T AND M ASSOCIATES	505-863-6239
QUICK STOP INC	550 N HWY 491	GALLUP	KHALAF INVESTMENTS	
LAS CRUCES (CITY OF)	1501 E HADLEY ST	LAS CRUCES	LAS CRUCES (CITY OF) - SUPPORT SERVICES	505-527-7852
CIRCLE K 1777	2001 MENAUL NE	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
TRAVELERS SERVICE STATION	14111 HWY 75	PENASCO	LOPEZ LEANDRO	505-587-9962
PIT STOP III	6102 CENTRAL SW	ALBUQUERQUE	ALKASIR HIBA	505-730-9511
TRIPLE S GROCERY	514 ONATE	ESPANOLA	MAESTAS RANDY	505-753-7838
GALLUP TRAVEL CENTER	I 40 HWY 66	GALLUP	HPT TA PROPERTIES TRUST	440-808-4411
LAS CRUCES TRAVEL CENTER	202 N MOTEL BLVD	LAS CRUCES	HPT TA PROPERTIES TRUST	440-808-4411
TRUJILLOS GROCERY	HWY 84 1 MILE S OF A	ABIQUIU	TRUJILLO BOB A	505-685-4666
TUCUMCARI OIL CO	809 E MAIN	TUCUMCARI	TUCUMCARI OIL CO	505-868-2251
CEDAR CREST MART 3	12133 N HWY 14	CEDAR CREST	STAR TRUST	505-440-6443

NEW MEXICO ENERGY ASSURANCE PLAN

7-2-11 NO42	541 US HWY 64	FARMINGTON	UNITED FOOD STORE INC	505-327-7211
LOBO 66	1723 LOMAS NE	ALBUQUERQUE	R & Z LLC	505-247-9022
MISSOURI CHEVRON	2100 E MISSOURI	LAS CRUCES	PORTER OIL INC	575-524-8666
UPS AL	2401 COMANCHE NE	ALBUQUERQUE	UNITED PARCEL SERVICE NM TECH SERVICE DISTRICT	505-878-8015
UPS C	1100 B E BRADY	CLOVIS	UNITED PARCEL SERVICE NM TECH SERVICE DISTRICT	505-878-8015
US BORDER PATROL A	3120 N MAIN	LAS CRUCES	RINCK RONALD	575-373-1008
US POSTAL SERVICE D	1135 BROADWAY NE	ALBUQUERQUE	US POSTAL SERVICE - ALBUQUERQUE	505-763-5556
US POSTAL SERVICE FARMINGTON	2301 E 20TH ST	FARMINGTON	US POSTAL SERVICE FARMINGTON	505-325-5047
US WEST COMMUNICATIONS	2701 SAWMILL RD	SANTA FE	QWEST CORPORATION DBA CENTURYLINK QC	602-630-4444
DEMING TRUCK TERMINAL	1310 W SPRUCE ST	DEMING	TARAMART TRUCK STOPS LLC	303-400-6899
UTILITIES OPERATIONS CENTER A	680 MOTEL BLVD	LAS CRUCES	LAS CRUCES (CITY OF) - UTILITIES DIVISION	505-527-7852
VALDEZ CHEVRON	HWY 84 N	TIERRA AMARILLA	VALDEZ CHEVRON BENEDICT VALDEZ	505-588-7396
VALLEY EXPRESS	115 S FIFTH ST	ESTANCIA	VALLEY EXPRESS	505-384-5494
VEGUITA TRADING POST	1249 HWY 304	VEGUITA	ESQUIBEL LIVING TRUST	505-864-6797
VIGIL EDWARD E JUNIOR	DBA CHEVRON OIL SERVICES PO BOX 155	CHAMA	VIGIL JR EDWARD E	505-756-2218
WALMART DISTRIBUTION CENTER - NO6084	670 LOS MORROS RD NW	LOS LUNAS	WALMART STORES EAST LP	877-829-5505
WASTE ISOLATION PILOT PLANT	30 MILES E OF CARLSBAD ON	CARLSBAD	U.S. DOE	575-234-7462 Jo
HILLTOP HOUSE LLC CONVIENCE STORE	400 TRINITY DR	LOS ALAMOS	SELVAGE RONALD	505-662-1122

NEW MEXICO ENERGY ASSURANCE PLAN

WTI INC.	42025 US 70	PORTALES	WELCH TRUCKING INC.	505-356-8548
CIRCLE K 6282	12600 CENTRAL SE	ALBUQUERQUE	PCF SALECO LLC	303-867-6244
WESTS GROCERY AND STATION	419 COLBERT AVE	SPRINGER	STATE OIL CO INC	505-445-9641
FLYING A FLIGHT SERVICE	WHISKEY CREEK AIRPORT ROAD	SILVER CITY	OMNIFLIGHT HELICOPTERS INC	972-776-0130
DAVID SKEET ELEMENTARY SCHOOL	PO BOX 1318	GALLUP	GALLUP MCKINLEY COUNTY PUBLIC SCHOOLS	505-722-7711
WILSONS CHEVRON 75588	3008 SAN MATEO NE	ALBUQUERQUE	VLM INC DBA SANTA FE CHEVRON	505-883-2796
CIRCLE K STORE NO - 8942	8101 HARPER NE	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
CIRCLE K STORE NO - 8936	5210 CENTRAL AVE SE	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
WINSTON CHEVRON DOROTHY WINSTON	N HWY 60	MAGDALENA	WINSTON SERVICE DOROTHY WINSTON DBA	505-854-2718
WINSTON STORE 2	HWY 52 AND BROADWAY	WINSTON	TESSA CARR DBA WINSTON GENERAL STORE	
YELLOW CAB CO	500 KINLEY NE	ALBUQUERQUE	YELLOW CHECKER CAB CO INC	505-842-5292
YELLOW FREIGHT SYSTEM INC	900 64TH ST NW	ALBUQUERQUE	YELLOW TRANSPORTATION	505-334-3615
ZIA NATURAL GAS	100 SHORT DR	RUIDOSO DOWNS	ZIA NATURAL GAS CO	505-378-1477
RSC STORE - NO296	2401 MENAUL NE	ALBUQUERQUE	RENTAL SERVICE CORP	
CEDAR CREST SHELL	12476 N HWY 14	SANDIA PARK	BREWER OIL COMPANY	505-884-2040
GIANT 6043 DBA CONOCO	233 MAIN ST SE	LOS LUNAS	WESTERN REFINING SOUTHWEST INC	480-585-8888
SAN PEDRO MUSTANG	803 S RIVERSIDE	ESPANOLA	POLK OIL COMPANY	505-753-2365

NEW MEXICO ENERGY ASSURANCE PLAN

GIANT DBA GASMAN 210	204 S BLOOMFIELD BLVD	BLOOMFIELD	WESTERN REFINING SOUTHWEST INC	480-585-8888
MUSTANG 409	3302 W HWY 66	GALLUP	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT DBA MUSTANG 7118	17401 US HIGHWAY 550	AZTEC	WESTERN REFINING SOUTHWEST INC	480-585-8888
MUSTANG 7197	321 MAIN AVE	AZTEC	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT DBA MUSTANG 7204	HWY 66 HCR 4 BOX 20	GALLUP	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT DBA MUSTANG 7239	STAR RTE 4 BOX 3000 HWY 44	BLOOMFIELD	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT DBA MUSTANG 7310	3890 US HWY 64	FRUITLAND	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT DBA MUSTANG 7408	3430 E HWY 66	GALLUP	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT DBA MUSTANG 7556	1500 SAN JUAN BLVD	FARMINGTON	WESTERN REFINING SOUTHWEST INC	480-585-8888
MUSTANG 7218	5702 HWY 64	FARMINGTON	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT 713	2603 E TWENTIETH ST	FARMINGTON	DIAL OIL CO INC	505-634-7777
RED MESA EXPRESS 518	11260 US HWY 550	NAGEEZI	RED MESA TRADING CO INC	505-327-5156
GIANT DBA THRIFTWAY 7278	5TH AND JOSEPH	ESTANCIA	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT DBA MUSTANG 7297	5180 HWY 68	RANCHOS DE TAOS	WESTERN REFINING SOUTHWEST INC	480-585-8888

NEW MEXICO ENERGY ASSURANCE PLAN

VALERO CORNER STORE #1297	3101 N MAIN STREET	LAS CRUCES	DIAMOND SHAMROCK STATIONS INC	915-833-7740
GIANT 375	2774 SAWMILL RD	SANTA FE	POLK OIL COMPANY	505-753-2365
M AND M STORE 2	200 HILL RD	BERNALILLO	M AND M STORES INC	
FAST STOP - NO24	301 4TH ST	SAN JON	KENDRICK OIL CO	806-250-3991
GIANT 380	2373 TRINITY DR	LOS ALAMOS	POLK OIL COMPANY	505-753-2365
MORIARTY KICKS 66 45	1312 CENTRAL	MORIARTY	ROBERTS OIL CO INC	505-262-1607
RED MESA EXPRESS 506	JUCTION 491 AND 264	YA-TA-HAY	RED MESA TRADING CO INC	505-327-5156
STRIPES 236	10 E BROADWAY	TATUM	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
RIO CHAMA CHEVRON	19698 N HWY 84 285	ESPANOLA	JARAMILLO RAYMOND	
HOWDYS #337	5200 MCNUUTT RD	SANTA TERESA	TRANSMOUNTAIN OIL COMPANY	915-779-3211
TRINIS GROCERY 2	4510 HWY 187	SALEM	FERRALES TRINIDAD	505-267-5106
PIC QUIK STORES INC NO 70	2001 WEST BATAAN MEMORIAL	LAS CRUCES	PIC QUIK STORES INC	505-523-5611
ADAMS NICE & FRESH INC DBA	804 S MAIN ST	BELEN	KHALIL FADI (FRANK)	505-864-3565
EL DORADO PHILLIPS 66	7 COLINAS DR & US 285	SANTA FE	MILLER JOE	505-988-4577
SUN MART 675	1715 VADO DR	VADO	PETROLEUM WHOLESALE LP	281-681-1000 J
CHUCKY'S FOOD MART	5995 BATAAN MEMORIAL WEST	LAS CRUCES	GARY GOODGAME BERNARD KAUFMAN &	505-647-9125
BODES GENERAL STORE	21196 US HWY 84	ABIQUIU	LIDDY DENNIS & CONSTANCE C	505-685-4422
CIRCLE K STORE NO - 8938	1860 MAIN ST NW	LOS LUNAS	CIRCLE K STORES INC	602-728-3593

NEW MEXICO ENERGY ASSURANCE PLAN

CARLSBAD EXXON	106 W GREENE	CARLSBAD	PEARSON OIL CO INC	505-393-5135
CIRCLE K 6304	9200 EAGLE RANCH NW	ALBUQUERQUE	PCF SALECO LLC	303-867-6244
TAFUYAS GENERAL STORE	COUNTY RD 75	TRUCHAS	TAFUYA RAY	
RED RIVER PUMPS INC	724 E MAIN ST	RED RIVER	RED RIVER PUMPS INC	214-324-2401
VALLEY CHEVRON	390 S VALLEY DR	LAS CRUCES	PORTER OIL INC	575-524-8666
GIANT DBA THRIFTWAY 293	401 HWY 44 N	BERNALILLO	WESTERN REFINING SOUTHWEST INC	480-585-8888
LLANO STREET CARDLOCK	2010 HOPEWELL	SANTA FE	WESTERN REFINING WHOLESALE NM	602-859-6142
OLIVERS INC	35196 HWY 285	OJO CALIENTE	OLIVERS INC	505-583-2317
P B AUTO	508 MAIN ST	VAUGHN	GALLEGOS BEN J	505-584-2737
CORNER STORE 1735	2503 N MAIN ST	LAS CRUCES	DIAMOND SHAMROCK STATIONS INC	915-833-7740
LA LUZ MARKET A	21 ALAMO ST	LA LUZ	BELL GAS INC	575-622-4800
SEVEN ELEVEN 57723	6931 TAYLOR RANCH NW	ALBUQUERQUE	SOUTHWEST CONVENIENCE STORES LLC	432-580-8850
CIRCLE S GROCERY NUMBER 6	7101 E MAIN	FARMINGTON	STRUNK BERNIE N	505-327-6041
PUMP N SAVE 46	603 W BROADWAY	MOUNTAINAIR	ROBERTS OIL CO INC	505-262-1607
PHILLIPS 66 KICKS	105 SUN RANCH RD	LOS LUNAS	HONSTEIN OIL CO	505-471-1800
CIRCLE K STORE NO - 8940	8601 CENTRAL NE	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
HWY 6 MINI MART	2919 HIGHWAY 6	LAGUNA	OTERO DINO	505-839-4538
LATIR MOUNTAIN RANCH	MILE MARKER 29 HWY 522	QUESTA	CUMMINGS PAUL C	337-837-5410
JB AND CO CHEVRON	HWY 522 NUMBER 2374	QUESTA	GONZALEZ JOHNNY B	505-586-1688
NEW MEXICO STATE FAIR	300 SAN PEDRO NE	ALBUQUERQUE	NEW MEXICO (STATE OF) - FAIR	505-222-9700 Se
RHOC EXPRESS KICKS 66	1308 N PASEO DE ONATE	ESPANOLA	SUPREME LLC DBA ROY HONSTEIN OIL CO A	505-753-3255

NEW MEXICO ENERGY ASSURANCE PLAN

EARLS BUY AND FLY B	901 S VALLEY DR	LAS CRUCES	LAS CRUCES OIL CO INC	505-537-2713
ROADRUNNER TRAVEL CENTER INC	I 25 EXIT 156 W FRONTAGE RD	SOCORRO	ROADRUNNER TRAVEL CENTER INC	505-838-1200
SHELL STAR MART	2045 HWY 180 E	SILVER CITY	MATHIEU AND MATHIEU INC	505-388-4084
CIRCLE K STORE NO - 8939	1100 HWY 528	RIO RANCHO	CIRCLE K STORES INC	602-728-3593
ALBERTSONS EXPRESS - NO922	6600 CENTRAL AVE SW	ALBUQUERQUE	ALBERTSONS, LLC	208-395-6200
STRIPES 172	611 S MAIN	ROSWELL	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
GIANT 376	1313 PAEO DE ONATE	ESPANOLA	POLK OIL COMPANY	505-753-2365
FIVE STAR CHEVRON	2834 E MAIN ST	FARMINGTON	BUFFALO CHIP	505-722-4366
RIDGE ROAD CHEVRON	2 RIDGE RD	SILVER CITY	PORTER OIL INC	575-524-8666
DATS TRUCKING	5656 HWY 64	FARMINGTON	DATS TRUCKING	435-673-1886
SUN DIAL STORE 11	281 NM HWY 544	BLOOMFIELD	DIAL OIL CO INC	505-634-7777
CIRCLE K 6334	7524 MENAUL NE	ALBUQUERQUE	PCF SALECO LLC	303-867-6244
COSTCO WHOLESALE #667	500 EUBANK SE	ALBUQUERQUE	COSTCO WHOLESALE CORPORATION	425-313-6998
CORNER STORE 1736	1140 S MAIN ST	ROSWELL	DIAMOND SHAMROCK STATIONS INC	915-833-7740
CIRCLE K STORE NO - 8941	4300 OSUNA NE	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
GIANT 862	1616 N RIVERSIDE DR	ESPANOLA	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT 372	2829 AGUA FRIA	SANTA FE	POLK OIL COMPANY	505-753-2365
LAKEVIEW RV PARK	I 25 AT HILLSBORO EXIT	CABALLO	GOTON BEVERLY A	505-793-2242
CIRCLE K STORE NO 8937	4701 PASEO DEL NORTE	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
GT RESOURCES	526 KIT CARSON ROAD	TAOS	GT RESOURCES LLC	505-758-2588
SAMS EAST 6347	4500 E MAIN	FARMINGTON	SAMS EAST INC	479-204-6287

NEW MEXICO ENERGY ASSURANCE PLAN

GIANT 861	5741 AIRPORT RD	SANTA FE	WESTERN REFINING SOUTHWEST INC	480-585-8888
USA GASOLINE 64030	2401 S CANAL ST	CARLSBAD	TESORO REFINING AND MARKETING CO NORM STEWART	253-896-8801
USA GASOLINE 64027	233 NEW YORK AVE	ALAMOGORDO	TESORO REFINING AND MARKETING CO NORM STEWART	253-896-8801
EASTSIDE FUELING STATION	8922 LOMAS NE	ALBUQUERQUE	ALBUQUERQUE(CITY OF) FLEET MANAGEMENT DIVISION	505-768-3631
CIRCLE K STORE NO - 8943	300 LOMAS NE	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
LONE BUTTE GENERAL STORE	3815 STATE RD 14	SANTA FE	BHAKTA NITIN	505-471-5002
TRI H GAS	225 YALE BLVD SE	ALBUQUERQUE	HIJAZI SAMI	505-765-5999
FENNS COUNTRY MARKET	2001 W MAIN	ARTESIA	FENN FOODS INC	505-627-5560
OP (OHIRI PETROLEUM)	700 COORS NW	ALBUQUERQUE	AMERICAN VENTURE CAPITAL LLC DBA OP	505-977-1913
ALLSUPS - NO137	4603 HWY 85 SW	LOS CHAVEZ	ALLSUPS CONVENIENCE STORES INC	505-769-2311
SAMS EAST 6672	300 A EUBANK NE	ALBUQUERQUE	SAMS EAST INC	479-204-6287
MEADOW LAKE MARKET	750 MEADOW LAKE	LOS LUNAS	NARESH MAJITHIA	505-865-0800
SAN JOSE FINA	222 W BROADWAY AVE	COLUMBUS	GUTIERREZ ROBERTO	505-531-2704
KICKS 66 CENTRAL	8600 CENTRAL SW	ALBUQUERQUE	ROBERTS OIL CO INC	505-262-1607
SAFEWAY FUELING 2004	3536 MAIN ST	FARMINGTON	SAFEWAY STORES INC CARE OF VEEDER ROOT	800-253-8054
ALAM LLC	2016 CARLISLE NE	ALBUQUERQUE	ALAM LLC	505-232-0093
WAYCOR	2820 INDUSTRIAL RD	SANTA FE	COPPOLA CONCRETE	505-471-8384

NEW MEXICO ENERGY ASSURANCE PLAN

STRIPES 238	5000 N LOVINGTON HWY	HOBBS	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
STUCKEYS OF TUCUMCARI	I 40 AT PALOMAS EXIT EXIT 321	TUCUMCARI		
PLANTS MART PLUS	85 E 8TH ST	WILLARD	GARCIA HERMAN	505-239-4698
USA GASOLINE 64042	1616 E SPRUCE ST	PORTALES	TESORO REFINING AND MARKETING CO NORM STEWART	253-896-8801
USA GASOLINE 64053	2535 HWY 180 E	SILVER CITY	TESORO REFINING AND MARKETING CO NORM STEWART	253-896-8801
MIMBRES SHELL	420 CEDAR	DEMING	FOENIX CORP THE	505-522-5644
EAGLE CREEK SHELL	101 SKI RUN RD	ALTO	BREWER OIL COMPANY	505-884-2040
SAMS CLUB 4703	10600 COORS BLVD NW	ALBUQUERQUE	SAMS EAST INC	479-204-6287
RED MESA EXPRESS 513	119 HWY 371 BOX 300	THOREAU	RED MESA TRADING CO INC	505-327-5156
OLD DOMINION FREIGHT LINE INC	2600 KARSTEN SE	ALBUQUERQUE	OLD DOMINION FREIGHT LINE INC	336-889-5000
SMITHS FOOD AND DRUG #409	600 E 20TH STREET	FARMINGTON	SMITHS FOOD AND DRUG CENTERS INC	615-232-9623
LOWES SUPER SAVE 99	4701 4TH ST NW	ALBUQUERQUE	PAY AND SAVE INC.	806-385-3366
COTTON CITY GROCERY A	1325 HWY 338	COTTON CITY	DILL AND ASSOCIATES	505-548-2560
CORNER STORE 1734	4909 E MAIN ST	FARMINGTON	DIAMOND SHAMROCK STATIONS INC	915-833-7740
WY 40 KICKS 66	1200 WYOMING BLVD NE	ALBUQUERQUE	ZAMOYA ENTERPRISES INC	505-269-9148
CIRCLE K STORE NO - 8944	1400 MONTANO	ALBUQUERQUE	CIRCLE K STORES INC	602-728-3593
ALBUQUERQUE PUBLISHING CO	7777 JEFFERSON NE	ALBUQUERQUE	ALBUQUERQUE PUBLISHING CO	505-823-3706
7-2-11 NO38	201 AZTEC BLVD NE	AZTEC	UNITED FOOD STORE INC	505-327-7211

NEW MEXICO ENERGY ASSURANCE PLAN

ALLSUPS - NO199	342 NIMITZ DR	GRANTS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
NAVAJO TRAVEL PLAZA	3370 W 66 AVE	GALLUP	NAVAJO TRAVEL PLAZA LLC	505-863-9311
DUKE CITY	1512 E HWY 66	GALLUP		
RED MESA EXPRESS 520	27 MILES W OF CUBA ON HWY 197	TORREON	RED MESA TRADING CO INC	505-327-5156
LOWES FUEL CENTER AND GROCERY STORE	675 1/2 E 10TH ST	ALAMOGORDO	PAY AND SAVE INC.	806-385-3366
SAMS CLUB 4784	2711 N TELSHOR BLVD	LAS CRUCES	SAMS EAST INC	479-204-6287
STONE CORNER CHEVRON	175 US 82	ALAMOGORDO	BREWER OIL COMPANY	505-884-2040
HOWDYS #333	1957 HWY 54 S	ALAMOGORDO	C AND R DISTRIBUTING LLC	915-774-7300
MR GAS MART	NW CORNER AND HWY 66 AND HWY 344	EDGEWOOD	MR GAS INC	505-622-4800
SMITH LAKE CHEVRON	HWY 371	SMITH LAKE	MATAYA SMITH LAKE CO INC	505-722-2178
ROBERTS OIL KICKS 66 ALBUQUERQUE	9201 GOLF COURSE RD NW	ALBUQUERQUE	ROBERTS OIL CO INC	505-262-1607
J D EXCAVATION	3311 COLUMBIA NE	ALBUQUERQUE	ABEYTA JAMES	505-991-6146
ALLSUPS 9	1033 INDIAN WELLS	ALAMOGORDO	ALLSUPS CONVENIENCE STORES INC	505-769-2311
SHORTYS ON SPRUCE	1025 E SPRUCE	LAS CRUCES	T D INDUSTRIES INC	505-526-1110
CALDON FUEL FARM	8TH AND DENBY	MELROSE	CALDON FARMS	719-672-0555
TRI H #2	1100 CAMINO DEL PUEBLO	BERNALILLO	ASHLEYS CORNER STORE INC	505-344-3499
ALLSUPS 263	2857 W HWY 66	GALLUP	ALLSUPS CONVENIENCE STORES INC	505-769-2311
CIRCLE K STORE NO - 8945	6401 HWY 550	CUBA	CIRCLE K STORES INC	602-728-3593
FAST STOP 2	719 S BROADWAY	WILLIAMSBURG	FAST STOP INC	505-894-6013
SMITHS FOOD AND DRUG #427	200 TRAMWAY BLVD SE	ALBUQUERQUE	SMITHS FOOD AND DRUG CENTERS INC	615-232-9623

NEW MEXICO ENERGY ASSURANCE PLAN

F AND S FUEL	2631 CERRILLOS ROAD	SANTA FE	THREE BROTHERS SERVICE STATION	505-255-1605
BERINO MINI MART	4500 HWY 478	BERINO	GARCIA ENRIQUE AND JOSEFINA	
ANTHEM OIL 102	6517 GIBSON BLVD SE	ALBUQUERQUE	ANTHEM OIL LLC	505-890-6435
MUSTANG GIANT 7256	1189 STATE RD 53	ZUNI	WESTERN REFINING SOUTHWEST INC	480-585-8888
PETRO STOPPING CENTER #385	14150 HIGHWAY 418 SW	DEMING	TA OPERATING CORP	505-832-1264
HACHITA FOOD MART	4398 HWY 9	HACHITA	PALOMAREZ EDDIE	575-436-2382
PEPPERS CHEVRON FOOD MART	1609 S COLUMBUS RD PO BOX 471	DEMING	PLAZA DE FLORIDA	505-546-3922
ALLSUPS NO -269	2301 W LEA	CARLSBAD	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS NO -285	3220 NATIONAL PARKS HWY	CARLSBAD	ALLSUPS CONVENIENCE STORES INC	505-769-2311
CHACO CANYON TRADING POST	HORIZON BLVD AND WILLOW DRIVE	MILAN	ELKINS JERRY	505-870-1502
ALLSUPS - NO317	HWY 64	TAOS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
1 STOP	9320 COORS NW	ALBUQUERQUE	CONWAY OIL COMPANY	505-379-6901
DNN GAS AND CONVENIENCE	705 FIRST STREET	MAGDALENA	DNN PETROLEUM SERVICES COMPANY, LLC	505-854-3680
ALLSUPS - NO38 A	203 S HIGHWAY 54	LOGAN	ALLSUPS CONVENIENCE STORES INC	505-769-2311
STRIPES 241	2900 MABRY DR HWY 84 AND SCHEPPS RD	CLOVIS	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
YOUNG BACA'S KICKS 66	1304 SOUTH MAIN STREET	BELEN	BACA PAUL A	

NEW MEXICO ENERGY ASSURANCE PLAN

ALBUQUERQUE (CITY OF) - SUNTRAN FACILITY	601 YALE BLVD SE	ALBUQUERQUE	ABQ RIDE TRANSIT DEPARTMENT	505-768-6090
RHOC EXPRESS RIVERSIDE	902 N RIVERSIDE DR	ESPANOLA	SUPREME LLC DBA ROY HONSTEIN OIL CO A	505-753-3255
CHISUM TRAVEL CENTER #30	5500 N MAIN	ROSWELL	HUB CITY CONVENIENCE STORES INC	806-722-1274
STRIPES 248	3412 N PRINCE	CLOVIS	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
MGG FUEL STOP	11354 LOVINGTON HWY	ARTESIA	MGG LLC	505-748-1288
CARMAX NO 7194	5500 ALAMEDA BLVD	ALBUQUERQUE	CARMAX AUTO SUPERSTORES WEST COAST INC	804-747-0422
SOUTH CERRILLOS SHELL	4061 CERRILLOS RD	SANTA FE	BREWER OIL COMPANY	505-884-2040
MUSTANG 7262	4220 US HWY 64	KIRTLAND	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT DBA MUSTANG 7270	3215 HWY 64	WATERFLOW	WESTERN REFINING SOUTHWEST INC	480-585-8888
KIT CARSON ELECTRIC	118 CRUZ ALTA	TAOS	KIT CARSON ELECTRIC	505-758-2258
P AND D PETROLEUM	602 TATUM HWY	LOVINGTON	P AND D PETROLEUM INC	505-393-4822
ALLSUPS NO -289	411 W 2ND	ROSWELL	ALLSUPS CONVENIENCE STORES INC	505-769-2311
THREE BROTHERS SERVICE STATION LLC	2124 SAN MATEO NE	ALBUQUERQUE	SALEM MOHAMMED OR JOE	
MUSTANG 7211	2700 W MAIN	FARMINGTON	WESTERN REFINING SOUTHWEST INC	480-585-8888
MONTGOMERY CHEVRON	4401 SAN MATEO NE	ALBUQUERQUE	BREWER OIL COMPANY	505-884-2040
PIC QUIK STORE NO 13	3811 E LOHMAN	LAS CRUCES	PIC QUIK STORES INC	505-523-5611

NEW MEXICO ENERGY ASSURANCE PLAN

SUN COUNTRY FOOD STORE 1	711 S MAIN	ROSWELL	BELL GAS INC	575-622-4800
WESTSIDE TRANSIT FACILITY	8001 DAYTONA RD NW	ALBUQUERQUE	ABQ RIDE TRANSIT DEPARTMENT	505-768-6090
ROBERTS OIL CO 49	5720 ZUNI SE	ALBUQUERQUE	ROBERTS OIL CO INC	505-262-1607
SAMS CLUB 6408	4201 RODEO RD	SANTA FE	SAMS EAST INC	479-204-6287
GIANT DBA THRIFTWAY 7257	HWY 371	THOREAU	WESTERN REFINING SOUTHWEST INC	480-585-8888
DINOS	405 CR 390	FARMINGTON	JIR LLC	505-632-5133
BOONE TRANSPORTATION	2102 W WASHINGTON	ANTHONY	BOONE TRANSPORTATION	
MR GAS 282	405 CIMARRON AVE	SPRINGER	MR GAS INC	505-622-4800
GIANT 378	823 PASEO DEL PUEBLO SUR	TAOS	POLK OIL COMPANY	505-753-2365
STRIPES 182	2600 W SECOND	ROSWELL	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
CROUCH MESA CARDLOCK	405 B CR 390	FARMINGTON	JIR LLC	505-632-5133
HOBBS BULK PLANT	717 W SANGER BOX 859	HOBBS	KW FUELS INC	575-393-5135
PIC QUIK NO 1135	3916 W PICACHO	LAS CRUCES	PIC QUIK STORES INC	505-523-5611
FAST STOP NO5	1910 N DATE ST	TRUTH OR CONSEQUENCES	FAST STOP INC	505-894-6013
ALLSUPS - NO8	1032 W 2ND	PORTALES	ALLSUPS CONVENIENCE STORES INC	505-769-2311
SMITHS FOOD AND DRUG #424	04 STATE RD 344	EDGEWOOD	SMITHS FOOD AND DRUG CENTERS INC	615-232-9623
PINNACLE PROPANE LLC DBA CONWAY OIL COMPANY 121	1348 W HWY 60/84	CLOVIS	PINNACLE PROPANE LLC	972-444-0300
ABC PROPANE NO3	813 N VIRGINIA	ROSWELL	ABC PROPANE INC DBA AWC PROPANE INC	575-622-1130

NEW MEXICO ENERGY ASSURANCE PLAN

VILLA DE CUBERO	OLD HWY 66	CUBERO	GOTTLIEB OIL CO	505-287-3232
ALLSUPS - NO223	1603 N FIRST ST	ARTESIA	ALLSUPS CONVENIENCE STORES INC	505-769-2311
WAL MART SUPERCENTER NO3427	604 N 26TH ST	ARTESIA	WALMART STORES EAST LP	877-829-5505
MANA MART	242 EL CERRO MISSION RD	LOS LUNAS	CANO RAUL	505-866-4400
SAMS CLUB 4938	4921 CULTURE DR	ALBUQUERQUE	SAMS EAST INC	479-204-6287
GRIEGO CONSTRUCTION	1155 KIMBERLY LN	CLOVIS	GRIEGO CONSTRUCTION	505-683-5460
MESQUITE MERCANTILE	12516 HWY 478	MESQUITE	A AND E ENTERPRISES INC	505-526-3131
ALVARADO II GREYHOUND DEPOT	420 1ST ST NW	ALBUQUERQUE	GREYHOUND LINES INC	505-243-1904
TRANSPORTATION AND PARKING FLEET FUEL	3545 RESEARCH DRIVE	LAS CRUCES	NEW MEXICO (STATE OF) PPD UNIVERSITY MOTOR POOL	505-646-7844
BIG VALLEY FORD	1115 N CHICAGO	PORTALES	BIG VALLEY FORD	505-356-8581
SAMS CLUB 4961	4400 NORTH MAIN	ROSWELL	SAMS EAST INC	479-204-6287
PIC QUIK NO 17	1705 ANTHONY	ANTHONY	PIC QUIK STORES INC	505-523-5611
SMITHS FOOD AND DRUG #494	5850 EUBANK NE	ALBUQUERQUE	SMITHS FOOD AND DRUG CENTERS INC	615-232-9623
TULAROSA TRAVEL CENTER	7820 HIGHWAY 54/70	TULAROSA	TPC LAND AND BUILDING INC	505-585-3522
FLEET FUELING FACILITY FOR SYSCO FOODS	505 CARMONY RD NE PO BOX 25667	ALBUQUERQUE	SYSCO FOOD SERVICES OF NM LLC	
GIANT 6069	6570 PARADISE BLVD. NW	ALBUQUERQUE	WESTERN REFINING SOUTHWEST INC	480-585-8888
GIANT 7214	602 W BROADWAY	BLOOMFIELD	WESTERN REFINING SOUTHWEST INC	480-585-8888
M & M STORE	1401 YALE BLVD SE	ALBUQUERQUE	M AND M STORES INC	
WESTERN WAY SHELL	101 N FIRST	ARTESIA	BREWER OIL COMPANY	505-884-2040

NEW MEXICO ENERGY ASSURANCE PLAN

SMITHS FOOD AND DRUG #413	1000 RIO RANCHO DR SE	RIO RANCHO	SMITHS FOOD AND DRUG CENTERS INC	615-232-9623
PIC QUIK STORES INC NO 15	624 NORTH FRANKLIN	HATCH	PIC QUIK STORES INC	505-523-5611
FLYING J TRAVEL PLAZA #690	11 OLD HIGHWAY 70	LORDSBURG	PILOT TRAVEL CENTERS LLC	865-588-7488
SMITHS FOOD AND DRUG #461	2308 CERRILLOS RD	SANTA FE	SMITHS FOOD AND DRUG CENTERS INC	615-232-9623
ROBERTS TRUCK CENTER	1623 ASPEN AVE NW	ALBUQUERQUE	ROBERTS BLAINE	806-355-9771
BERNALILLO COUNTY DETENTION CENTER	100 JOHN DANTIS DR. SW	ALBUQUERQUE	BERNALILLO (COUNTY OF)	505-224-1643
ALLSUPS NO251	7670 WICHITA RD HWY TWO AND ARGILE	HAGERMAN	ALLSUPS CONVENIENCE STORES INC	505-769-2311
CUMBRES MERCADO	1192 E OLD HWY 66 EXIT 181	TIJERAS	SIERRAS Y LLANOS LLC	505-281-2108
MUSTANG 208	1223 E 66TH	GALLUP	WESTERN REFINING SOUTHWEST INC	480-585-8888
ANTHEM YAH TA HEY	NW CORNER JUNC HWY 264/491	YA-TA-HAY	ANTHEM OIL LLC	505-890-6435
STRIPES 79	3000 N GRIMES	HOBBS	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
LOVES TRAVEL STOP 262A	1900 MOUNTAIN ROAD	TUCUMCARI	LOVES TRAVEL STOPS AND COUNTRY STORES INC	405-302-6640
HOBBS GASCARD #290302	3015 W BENDER	HOBBS	WTG FUELS INC	432-682-4349
COSTCO WHOLESALE #1016	9955 COORS BLVD BYPASS NW	ALBUQUERQUE	COSTCO WHOLESALE CORPORATION	425-313-6998
SMITHS FOOD AND DRUG #463	10411 GOLF COURSE RD NW	ALBUQUERQUE	SMITHS FOOD AND DRUG CENTERS INC	615-232-9623
ALLSUPS - NO268	520 E SECOND	ROSWELL	ALLSUPS CONVENIENCE STORES INC	505-769-2311

NEW MEXICO ENERGY ASSURANCE PLAN

FLYING J TRAVEL PLAZA #691	2021 S MOUNTAIN RD	TUCUMCARI	PILOT TRAVEL CENTERS LLC	865-588-7488
LA HUERTA CHEVRON	1401 N CANAL	CARLSBAD	BREWER OIL COMPANY	505-884-2040
CIRCLE K 6007	2680 WEST PICACHO AVE	LAS CRUCES	CIRCLE K STORES INC	602-728-3593
PIC QUIK STORES INC NO 12	3925 SOUTH MAIN ST	MESILLA	PIC QUIK STORES INC	505-523-5611
BELEN SAND AND GRAVEL	30 KALAMA AVE	BELEN		
THRIFTWAY FUELS 830	6001 US HWY 64	FARMINGTON	TOTO TRADERS	505-326-5571
EUNICE GASCARD #290301	2604 W TEXAS AVE	EUNICE	WTG FUELS INC	432-682-4349
PIC QUIK STORE NO 72	4675 SONOMA RANCH BLVD	LAS CRUCES	PIC QUIK STORES INC	505-523-5611
WESTERN REFINING WHOLESALE BLOOMFIELD	3303 N 1ST ST	BLOOMFIELD	WESTERN REFINING WHOLESALE NM	602-859-6142
TLC PLUMBING AND UTILITY	5000 EDITH NE	ALBUQUERQUE	TLC PLUMBING AND UTILITY	505-761-9696
GATEWAY SHELL	416 SUDDERTH DR	RUIDOSO	BREWER OIL COMPANY	505-884-2040
PIC QUIK NO 5	2580 DON ROSER	LAS CRUCES	PIC QUIK STORES INC	505-523-5611
SMITHS FOOD AND DRUG #426	224 PASEO DEL PUEBLO	TAOS	SMITHS FOOD AND DRUG CENTERS INC	615-232-9623
SMITHS FOOD AND DRUG #414	2580 MAIN ST	LOS LUNAS	SMITHS FOOD AND DRUG CENTERS INC	615-232-9623
STRIPES 276	629 S PRINCE	CLOVIS	SUSSER HOLDING CORP DBA STRIPES LLC	361-884-2463
ARTESIA BULK PLANT	2903 W MAIN	ARTESIA	BREWER OIL COMPANY	505-884-2040
MURPHY EXPRESS 8536	1290 S VALLEY DR	LAS CRUCES	MURPHY OIL USA INC	870-881-6854
LOWES 21	1100 EAST HWY 66	GALLUP	PAY AND SAVE INC.	806-385-3366
EUNICE VALERO	1500 N MAIN ST	EUNICE	KW FUELS INC	575-393-5135
CIBOLA 66	1201 W SANTA FE AVE	GRANTS	HONSTEIN OIL CO	505-471-1800

NEW MEXICO ENERGY ASSURANCE PLAN

NORTH VALLEY FUELING STATION	9819 SECOND ST NW	ALBUQUERQUE	BERNALILLO (COUNTY OF)	505-224-1643
CORNER STORE 1243	141 98TH ST	ALBUQUERQUE	DIAMOND SHAMROCK STATIONS INC	915-833-7740
ROAD RUNNER FUELS	800 S MAIN ST	AZTEC	ROAD RUNNER FUELS	
MOUNT TAYLOR PHILLIPS 66	1600 EAST SANTA FE AVE	GRANTS	HONSTEIN OIL CO	505-471-1800
SMITHS FOOD AND DRUG #498	111 COORS BLVD NW	ALBUQUERQUE	SMITHS FOOD AND DRUG CENTERS INC	615-232-9623
SMITHS FOOD AND DRUG #446	6301 LOMAS BLVD NE	ALBUQUERQUE	SMITHS FOOD AND DRUG CENTERS INC	615-232-9623
FOUR - FOUR INC	3000 BLOOMFIELD HWY	FARMINGTON	FOUR FOUR INC	505-327-6041
ALLSUPS 220	105 N 8TH ST	LOVING	ALLSUPS CONVENIENCE STORES INC	505-769-2311
UNION PLAZA CONOCO	920 W 2ND ST	ROSWELL	ABC PROPANE INC DBA AWC PROPANE INC	575-622-1130
VALERO CORNER STORE NO1231	6920 MENAUL BLVD NE	ALBUQUERQUE	DIAMOND SHAMROCK STATIONS INC	915-833-7740
ALLSUPS 320	2021 N PRINCE ST	CLOVIS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
VALERO CORNER STORE #1291	1305 EL PASEO ST	LAS CRUCES	DIAMOND SHAMROCK STATIONS INC	915-833-7740
CONTINENTAL DIVIDE ELECTRIC COOP	200 E HIGH ST	GRANTS	CONTINENTAL DIVIDE ELECTRIC COOP	505-285-6656
ALLSUPS - NO170	3500 N PRINCE ST	CLOVIS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO308	110 KANSAS	JAL	ALLSUPS CONVENIENCE STORES INC	505-769-2311

NEW MEXICO ENERGY ASSURANCE PLAN

ALLSUPS 58	2300 S FIRST	TUCUMCARI	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO1	929 MAIN ST	EUNICE	ALLSUPS CONVENIENCE STORES INC	505-769-2311
MUSTANG 159	507 E BROADWAY	FARMINGTON	WESTERN REFINING SOUTHWEST INC	480-585-8888
7-2-11NO37	4190 US HIGHWAY 64	KIRTLAND	UNITED FOOD STORE INC	505-327-7211
ALLSUPS - NO142	316 N MARLAND BLVD	HOBBS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS - NO146	5312 LOVINGTON HWY	HOBBS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 219	920 W MERMOD	CARLSBAD	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ATRISCO 66	4617 CENTRAL NW	ALBUQUERQUE	PETROLEUM MANAGEMENT INC	505-379-7441
WAKEFIELD OIL - ARTESIA	401 N FIRST ST	ARTESIA	WAKEFIELD OIL CO	505-622-4160
ALLSUPS 270 A	HIGHWAY 518 MILE MARKER 30.2	MORA	ALLSUPS CONVENIENCE STORES INC	505-769-2311
ALLSUPS 89	FIRST AND SANTA FE 103 WEST SANTA FE AVE	GRANTS	ALLSUPS CONVENIENCE STORES INC	505-769-2311
PDQ	5900 FORTUNA NW	ALBUQUERQUE	ABED FAKHRI	505-831-3770
ALLSUPS - NO143	10 CURLEW PL	CLOUDCROFT	ALLSUPS CONVENIENCE STORES INC	505-769-2311
TESTONS CHEVRON	2200 N DATE ST	TRUTH OR CONSEQUENCES	TESTON MILTON	505-894-6683
SAN ANTONIO GENERAL STORE	75 US HWY 380	SAN ANTONIO	LUND ANNE B	
BLACK GOLD STATION B	98 MAIN STREET	RESERVE	ELENA GELLERT DBA BLACK GOLD	505-533-6538

NEW MEXICO ENERGY ASSURANCE PLAN

PINE RIDGE	29656 HWY 64	UTE PARK	ERRAMOUSPE TATUM LLC	575-376-2960
EL VADO LAKE RV PARK	3230 HWY 112	TIERRA AMARILLA	CAMPBELL CURTIS P AND BARBARA J	505-588-0598
S MAIN DISCOUNT GAS	2012 S MAIN	ROSWELL	ABC PROPANE INC DBA AWC PROPANE INC	575-622-1130
SMITHS FOOD AND DRUG #496	1313 CARLISLE NE A OLD FACILITY #	ALBUQUERQUE	SMITHS FOOD AND DRUG CENTERS INC	615-232-9623
FAST STOP - NO21	3900 E TUCUMCARI BLVD	TUCUMCARI	KENDRICK OIL CO	806-250-3991
CLASSIC EMPORIUM II LLC DBA RAIN TUNNEL CAR SPA	5101 LOMAS BLVD NE	ALBUQUERQUE	BUCKNER ALARIC	505-242-5562
EBELL JUAN ANDREW	1200 RAILROAD AVE	SPRINGER	EBELL JUAN ANDREW	505-483-2628
ALLSUPS 296	2640 AGUA FRIA MAEZ	SANTA FE	ALLSUPS CONVENIENCE STORES INC	505-769-2311
OTEROS MINI MART	385 CENTRAL AVE	TULAROSA	BLACK SHIRLEY A	410-507-8666

Appendix E – EPE Case Study 2011

EPE ENERGY ASSURANCE CASE STUDY --- FEBRUARY 2011

During the final weekend of January 2011, EPE was monitoring the actual weather and the forecast as is always done. The weather forecast was indicating significantly colder weather, but not as severe as ultimately occurred. Every year, EPE winterizes its generating plants prior to the beginning of winter weather. This winterization encompassed verifying that heat tracing and heat strips were properly functioning as well as making sure insulation was properly installed at its local generation facilities. Similarly, prior to winter weather, EPE verifies that equipment in its substations, the part of the transmission and distribution system most susceptible to cold temperature extremes, can withstand frigid temperatures. In addition, on January 31, 2011, prior to this severe weather event, EPE initiated its severe weather preparations, which included verifying winterization of generation and transmission and distribution (T&D) facilities; reviewing system operations plans; contacting the operator of Palo Verde to make sure the units were not experiencing any issues and to stress the need for power from the plant; reviewing availability of fuel; preparing for potential pipeline constraints; and putting employees on call as needed during the weather event. The System Operations group requested EPE's Power Marketing and Fuels group to keep additional generation on-line, and, in response, Power Marketing made arrangements to leave on Rio Grande Unit 6, continue with the start-up of Newman Units GT-3 and GT-4, and verified the ability of Newman Unit 3 to operate on fuel oil.



During the afternoon and evening of February 1, the weather deteriorated significantly with temperatures dropping from 31 degrees at 4 p.m. to 18 degrees at 10 p.m. Temperatures remained below 18 degrees for the next 60 hours with a low temperature of 1 degree. Not only did the temperature drop to record levels and much lower than forecasted on January 31, but the wind was blowing at average speeds of 10 to 20 mph creating very low wind chills. The severe wind chills rapidly dissipated heat around key power plant components and accelerated the temperature drop of the components. As the temperature rapidly fell to subfreezing levels, the Company began experiencing

NEW MEXICO ENERGY ASSURANCE PLAN

freezing equipment at our generation facilities. Not only did critical water lines freeze but instrumentation which controls the generation froze as well. Due to these events, EPE lost most of its local generation over a period of 7 hours early Wednesday, which reduced its load-serving capability. EPE did have approximately 55 MW of local generation from its combustion turbine, Copper Unit 1, running during the entire time and even during the worst portion of the weather. This generation combined with purchases from nearby generation resources provided dynamic reactive voltage support that made it possible for the Company to import power, including the remote generation owned by EPE at Palo Verde in Arizona and Four Corners in New Mexico, and to maintain the system. During the next three days, February 2, 3 and part of February 4, EPE struggled against Mother Nature to return more local generation to service, with limited success. Fortunately, with the exception of a short period of interruption on its non-firm HVDC interconnection with the Southwest Power Pool and an outage due to a damaged conductor on its line to Dell City, EPE had no transmission outages or failures.

As a result of the advance planning of the various EPE departments, and the effort and support of EPE employees and contractors as well as the cooperation of public and private organizations, businesses and individuals, EPE was able to maintain the system through a variety of purchases and by bringing in EPE's own remotely located generation using their transmission lines. The Company received tremendous cooperation from all of our neighbors including, but not limited to Public Service Company of New Mexico (PNM), Southwestern Public Service Company (SPS), Arizona Public Service Company (APS), Tri-State Generation & Transmission, and Tucson Electric Power Company (TEP). In addition to these parties, the Western Electricity Coordinating Council, the States of New Mexico and Texas, the appropriate counties and all of our cities quickly mobilized when requested to assist EPE and our customers. Working through the various emergency management systems and the media, EPE was able to communicate with the various constituencies. When it became apparent that the Company's local generation would not be quickly returned to service, EPE first curtailed our interruptible customers. In addition, between the peak load hours of 7 a.m. to 12 p.m. and 6 p.m. to 9 p.m. on February 2nd, 5:30 p.m. to 10:30 p.m. on February 3rd, and 6:30 a.m. to 12 p.m. on February 4th, the Company executed controlled load shedding to help protect the health and safety of their customers by preserving the integrity of the system and avoiding the very real risk of an entire system collapse. This load shedding was done on a non-discriminatory basis across the entire system in both New Mexico and Texas with the exception of those circuits containing critical customers (e.g., hospitals, 911, etc.).



On the day of February 4, EPE was able to return 300 MWs of generation to service and eliminate any load shedding. On February 5, EPE was able to allow interruptible customers to return to the system, and all interruptible customers were allowed to return to their normal operations by February 6. Based upon the information known at this time, the phenomenally cold weather (60 hours below 18 degrees Fahrenheit in El Paso) and severe wind chills negatively impacted a generation fleet that is primarily designed to withstand excruciating summer temperatures, and not near zero degree Fahrenheit during the winter. It appears this weather event was the worst in at least 45 years and maybe longer. EPE's neighbor to the south, the Comisión Federal de Electricidad (CFE) experienced similar difficulties with its generation in both Juarez and Chihuahua City.

Conclusion

During the days of February 2 to February 4, EPE was challenged by record-breaking cold temperatures. EPE had planned and prepared for the forecasted weather, and continued to do so as the arctic cold approached, but unfortunately EPE's system was simply not designed to withstand such extremely cold and sustained temperatures. When the emergency developed, EPE followed its Emergency Operations Plan and reasonably managed its available resources as best it could. EPE's employees put in many long hours, including those employees who were in the field working in the bitter cold throughout the period, in an effort to maintain and restore service. While the emergency event was not painless because many of EPE's customers experienced controlled outages, EPE was nevertheless successful through the diligent efforts of its employees in managing its available resources and preventing a much worse situation from developing, such as a system blackout.

Appendix F – NMGCO Case Study 2011 Outage

NM GAS COMPANY STATE OF EMERGENCY FEBRUARY 2011 CASE STUDY AND SEQUENCE OF EVENTS

The following dialogue was taken from the New Mexico Gas Company's website during the natural gas state of emergency. The sequence of updates lists the most current status during the event.

Note: The circumstances leading up to the event and its resolution is now being heard at the New Mexico Public Regulatory Commission and is under legal review by the NM District Attorney and other entities within the state.

Service has now been restored for our customers in all areas affected by the extreme winter storm. If you are still without gas, or if you have gas but New Mexico Gas Company did not turn on your service, please call us at 1-888-664-2726 so we can revisit your property to connect your service and perform safety checks.

We thank all of our customers for their patience and cooperation as our crews worked diligently to restore natural gas service as quickly and safely as possible. The support and understanding of our loyal customers has been sincerely appreciated.

Updates:

2/10/2011 4:12 PM

Appliance Repairs

While reconnecting natural gas service after the recent outages, technicians were unable to relight appliances that were unsafe and needed repairs to make them safe. Funding has been allocated to the NM Mortgage Finance Authority to help income-qualifying customers with these needed repairs on their natural gas-burning appliances, as well as with weatherization services. For customers affected by the recent outages who are interested in this assistance, information on the MFA program, along with application forms, can be found on our website at [Low Income Energy Efficiency Assistance](#).

2/10/2011 1:57 PM

The gas utility professionals from across the state and around the country are no longer in the field assisting with restoring natural gas service to New Mexico Gas Company customers. All of us at New Mexico Gas Company, and our customers, sincerely thank them for their support and assistance. Customers with any questions may call us at 888-NM-GAS-CO (888-664-2726).

NEW MEXICO ENERGY ASSURANCE PLAN

Thank you to all of our Taos customers!

2/7/2011 6:13 PM

Master Meter Operators in Espanola and Taos who have NOT had service restored are asked to please have all downstream valves turned off.

The most complete and up-to-date information, including affected service areas and assistance and emergency shelters, is being made available for our customers here. This page will be continually updated as new information becomes available. *(Last update at 2/8/2011 9:45 AM)*

URGENT Message For Our Customers:

Please do NOT attempt to turn on the gas meter at your residence yourself. It is extremely dangerous and a serious matter of public safety and the safety of our customers.

Under Federal pipeline safety rules, only a gas company-trained and qualified person is authorized to turn on a gas meter.

We continue working as hard as possible to restore service to all of our customers in the areas affected by the recent severe winter weather. Today, our all-out efforts are focused on restoring service to the remaining affected areas of Taos and Espanola. We have mobilized all available resources, with hundreds of crews from across the state and professional technicians from around the country, along with additional support staff. The National Guard is also helping and are working in advance of our crews to help let residents know that we are in the area and to help them clear access to their meters.

You may view (pdf) maps which are highlighted to show the areas where service has been restored and where our crews are working. These will be updated as information becomes available.

[Dixon Map](#)

[Espanola Map](#)

[Taos Map](#)

Please know we will get to everyone and are making every effort to restore your service. Residents can help by making sure there is access to the gas meters at their property. Please do not call ahead, as we are unable to make appointments for relighting or provide more specific information on when service will be restored to individual locations. Service has now been restored for our customers in the Southern regions and most of our customers in the metro areas.

We thank all of our customers for their continued patience and cooperation. The support and understanding of our loyal customers has been sincerely appreciated

In an effort to restore gas service to our customers as quickly and safely as possible, New Mexico Gas Company is asking for the assistance of all licensed plumbers and pipe fitters. All those interested in helping, please call 505-798-

NEW MEXICO ENERGY ASSURANCE PLAN

3317. If you are a Plumbing and Heating Company interested in providing additional assistance, please call 505-697-3574.

Information on the Claims Notification Process for customers wanting to file damage claims is available by clicking [here](#) (Word) or [here](#) (pdf).

Updates:

2/8/2011 9:45 AM

Here is the current progress of the work to restore service to our customers. Again, we thank all of our customers for their patience and cooperation.

Metro Area:

Bernalillo, Santa Ana Pueblo: 99% of customers have been visited. 98% of service restored

Placitas: Service has been restored.

Southwest Area:

Alamogordo: Service has been restored

Silver City: Service has been restored.

Tularosa: Service has been restored.

La Luz: Service has been restored.

North Central Area:

Espanola, Santa Clara Pueblo, Okway Owingeh Pueblo and San Ildefonso Pueblo: Relights continuing, 78% of customers visited; 72% service restored

Taos: Relights continuing. 72% of customers visited, 70% service restored

Questa: 97% service restored

Red River: 100% of homes have been visited; crews continuing to work on relights. 83% of service restored

2/7/2011 6:13 PM

Master Meter Operators in Espanola and Taos who have NOT had service restored are asked to please have all downstream valves turned off.

2/6/2011 7:42 PM

Work will continue throughout the night to plan and coordinate relight services. Door-to-door residential service relights will stop tonight at 10:00 pm. Relighting efforts will continue on 6:00 am Monday morning.

Emergency Shelters:

As natural gas service restoration work continues, here is a list of the Emergency Shelters open this evening:

Taos Regional Command Center at 1146 Gustof. Public showers are also being provided today at the Taos Public Yard at 1033 Dea Lane.

Espanola Emergency Shelter: New Mexico National Guard Armory at 2011 Industrial Park Road

Questa: Alta Vista Elementary School gym at 2556 State Road 522

Red River: Fire Station at 100 E. Main

Red River: Faith Mountain Fellowship Church at 100 S. Copper King Trail

2/6/2011 4:26 PM

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We are pleased to report that service has now been restored to Alamogordo and Tularosa, along with La Luz. "All of us with the New Mexico Gas Company team that worked determinedly to restore service to our communities here want to extend a special note of thanks to our customers for all of their help and patience during one of the most difficult weather periods we have ever experienced," said Tim Turri, Southern Operations Supervisor. "We know how hard and difficult the last few days have been for the residents of Alamogordo, La Luz and Tularosa. We would also like to thank the Otero County & Alamogordo Emergency Response team, Otero County Sheriffs' Department, Alamogordo Department of Public Safety, Tularosa Department of Public Safety, Alamogordo Public Schools and their maintenance department, Holloman AFB, and Zia Natural Company from Ruidoso."

2/6/2011 2:49 PM

Emergency Shelter Updates:

As natural gas service is being restored to cities around the state, here is the latest news on the Emergency Shelters:

Bernalillo and City of Albuquerque shelters are now closed, but are remaining on standby

Alamogordo Civic Center closed at 1:00 pm today and will be on standby

Tularosa is closed and on standby

Santa Clara Pueblo is closed but they are providing hot meals at the Senior Center today.

San Felipe Pueblo is closed and on standby.

Silver City shelter at the Grants County Conference Center is closed.

Taos: All shelters in Taos are now closed and on stand-by, with one exception. Remaining open is: Taos Regional Command Center at 1146 Gustof. **Public showers** are also being provided today at the Taos Public Yard at 1033 Dea Lane.

Also still open at this time are:

Espanola Emergency Shelter: New Mexico National Guard Armory at 2011 Industrial Park Road

Questa: Alta Vista Elementary School gym at 2556 State Road 522

Red River: Fire Station at 100 E. Main

Red River: Faith Mountain Fellowship Church at 100 S. Copper King Trail

2/5/2011 6:45 PM

New Mexico Gas Company is pleased to announce that service has been restored to La Luz and the 475 customers affected by this week's extreme winter event.

2/5/2011 6:38 PM

Governor Susana Martinez, in cooperation with Espanola Mayor Alice Lucero and Taos Mayor Darren Cordova, has announced that about 50 members of New Mexico National Guard will be assisting New Mexico Gas Company tomorrow in the Espanola and Taos areas.

The National Guard will be working in advance of our New Mexico Gas Company crews to notify customers that our crews are coming to their area to turn on their meters, perform safety checks, and relight their appliances. They will also help

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residents ensure there is access to the meters at their homes and businesses to help us restore natural gas service as quickly and safely as possible. More than 400 New Mexico Gas Company technicians, along with qualified technicians from utilities across the country and licensed plumbers and pipefitters, will work into the late evening hours.

We thank all of our customers for their continued patience and cooperation.

2/5/2011 12:31 PM

For Assistance:

Anyone who needs assistance or help getting to an emergency shelter, please ca

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In Alamogordo and Otero County:

Alamogordo Department of Public Safety: 575-439-4300

Otero County Sheriff: 575-437-2210

Tularosa Police Dept.: 575-585-2704

In Questa: Mayor's Office: 575-586-0694 or 586-1610

In Espanola: 505-747-1941 or 753-8396

In Red River: Town Hall: 575-754-2277

In Bernalillo: Sandoval County Information Line: 505-404-5810

In Taos: Command Center: 575-751-8123 or 751-8125

2/4/2011 5:42 PM

Emergency shelter information for Espanola has been updated. See below for revised shelter location and phone numbers for customers needing assistance or help in getting to the shelter.

Espanola Emergency Shelter: New Mexico National Guard Armory at 2011 Industrial Park Road

For Assistance Call: 505-747-1941 or 753-8396

2/4/2011 4:54 PM and 2/5/2011 12:19 PM

We can now provide additional information on the qualified, trained professionals coming from sister gas utilities and others around the country to assist in the restoration of natural gas service to our customers. Working with New Mexico Gas Company beginning this weekend will be technicians from:

Xcel Energy in Colorado

ATMOS Energy from Colorado, Texas, Mississippi and Louisiana

Entergy from Louisiana

Okalossa Gas from Florida

SEMCO Energy from Michigan

Los Alamos County Utilities

Los Alamos National Labs

Oklahoma Natural Gas from Oklahoma

Zia Natural Gas

AGL Resources from Georgia

United Association of Plumbers and Pipefitters, Local Union 412, from Albuquerque and Los Alamos

And other contractors and licensed plumbers

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We want to reassure customers that all technicians needing to enter their homes or businesses to relight appliances will carry a New Mexico Gas Company contractor identification badge depicting our logo and their assigned contractor number. If any customer is in doubt about whether a person is authorized to perform this work, please feel free to call us, toll free, on our emergency line at **888-NM-GAS-CO** (888-664-2726) and we will be happy to verify them for you. There is always someone available 24 hours a day on our emergency line.

2/4/2011 3:24 PM

Service has now been restored to Silver City.

New Mexico Gas Company crews have been working diligently, going door to door, to restore natural gas service as quickly and safely as possible to the 271 Silver City customers who have been without gas.

"We are pleased to report that service has been restored to our customers in Silver City," said Jeremiah Garcia, Silver City Operations Supervisor. New Mexico Gas Company wishes to thank the Silver Consolidated School District, Western New Mexico University, Grant County Administrative Team and the Town of Silver City for their invaluable assistance during this extreme winter storm event. "Most of all, we would like to thank all of our customers in Silver City for their cooperation and understanding during this unusual weather event," Jeremiah added.

2/4/2011 3:10 PM

New Mexico Gas Company crews are working diligently to restore service to our customers as quickly and safely as possible. Below are our latest estimates for relighting homes and businesses. Please be advised that these estimates will depend on the ability of our technicians to access gas meters at homes and businesses, available resources, and absent any safety issues found. Residents can do their part to help by making sure there is access to the gas meters at their property. Please do not call ahead, as we are unable to make appointments for relighting or inform you when we will be at your location.

Metro Area:

Bernalillo, Santa Ana Pueblo, and Placitas: Relights are expected to begin this afternoon and hope to be completed by late tomorrow.

Southwest Area:

Alamogordo: Relights are in progress in the golf course area and Cottonwood Heights, hope to be substantially completed by late tomorrow evening.

Silver City: Relights are in progress and crews hope to complete the last remaining homes this afternoon.

Tularosa: Relights are anticipated to begin late today and hope to be substantially completed by late tomorrow evening, but work may continue into Sunday.

La Luz: Relights to begin this afternoon and hope to be substantially completed by late tomorrow evening, but work may continue into Sunday.

North Central Area:

Espanola, Santa Clara Pueblo, Okway Owingeh Pueblo and San Ildefonso Pueblo: Relights to begin on Sunday and will continue through Monday.

Taos, Questa and Red River: As these areas depend on the progress of purging

NEW MEXICO ENERGY ASSURANCE PLAN

the main pipeline from Espanola to Red River, crews currently anticipate beginning relights tonight in Red River and remaining areas tomorrow and working through Sunday or Monday.

We will keep you as updated on any significant changes to these estimates. Thank you, again, for your patience and cooperation.

2/4/2011 2:02 PM

The Grant County Conference Center has had no customers needing shelter today and this emergency shelter has now been able to be closed.

2/4/2011 12:52 PM

In response to your questions, there is no charge to customers affected by this disruption for turning on and restoring their natural gas service.

2/4/2011 12:00 PM

New Mexico Gas Company crews are working diligently to restore service to our customers as quickly and safely as possible. Below are our current estimates for relighting homes and businesses. Please be advised that these estimates will depend on the ability of our technicians to access gas meters at homes and businesses, available resources, and absent any safety issues found. Residents can do their part to help by making sure there is access to the gas meters at their property. Please do not call ahead, as we are unable to make appointments for relighting or inform you when we will be at your location.

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Bernalillo, Santa Ana Pueblo, and Placitas: Relights are expected to begin this afternoon and hope to be completed by late tomorrow.

Southwest Area:

Alamogordo: Relights are in progress in the golf course area and Cottonwood Heights, hope to be substantially completed by late tomorrow evening.

Silver City: Relights are in progress and crews hope to complete the last remaining homes late this afternoon.

Tularosa: Relights are anticipated to begin late today and hope to be substantially completed by late tomorrow evening.

La Luz: Relights to begin this afternoon and hope to be substantially completed by late tomorrow evening.

North Central Area:

Espanola, Santa Clara Pueblo, Okway Owingeh Pueblo and San Ildefonso Pueblo: Relights to begin on Sunday and will continue through Monday.

Taos, Questa and Red River: As these areas depend on the progress of purging the main pipeline from Espanola to Red River, crews currently anticipate beginning relights tomorrow and working through Sunday.

We will keep you as updated on any significant changes to these estimates. Thank you, again, for your patience and cooperation.

2/4/2011 11:00 AM

As work begins to restore natural gas service to our customers, professional

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resources from across New Mexico and surrounding states are being coordinated to help. Hundreds of licensed journeymen with United Association of Plumbers and Pipefitters, Local Union 412, from Albuquerque and Los Alamos, are joining the effort. Qualified trained technicians are also coming in from gas utilities from Louisiana, Colorado, Texas and Oklahoma. New Mexico Gas Company has also been working with local Fire Departments and government officials to coordinate restoration efforts.

2/4/2011 8:52 AM

Our Alamogordo walk-in office will be open today from 10:00 am to 2:00 pm.

2/4/2011 8:40 AM

At approximately 9:00 am this morning, New Mexico Gas Company technicians will begin purging the large transmission pipeline from Espanola through Red River. The public may smell gas in their neighborhoods as crews work their way up the pipeline. This is an expected part of the process.

2/4/2011 7:30 AM

At this time, the natural gas supply lines are stable and New Mexico Gas Company does not anticipate additional disruptions to natural gas service for our customers across New Mexico.

Safety is always our first priority. We know that every hour without natural gas is a very long time for our customers. New Mexico Gas Company's personnel are dedicated to restoring service as quickly and safely as possible. We are currently working on monitoring and testing the system and taking appropriate actions to address any issues that could affect public safety and to expedite service restoration.

When will your service be back? We are unable to provide specific information on when service will be restored to individual locations. The process to restore natural gas service to homes and businesses is the most time-consuming aspect of any outage. We ask for your patience as we begin and complete the restoration process over the upcoming days.

What can our customers expect? The restoration process means visiting each home and business twice. First, every meter is shut off. Then, work begins on restoring gas in the large pipelines bringing natural gas to their area and make sure the system is operating safely. Finally, our crews will go door-to-door, revisiting every home and business, to turn the meters back on, perform critical safety checks and relight gas appliances. There may be a slight smell of gas in your neighborhood while technicians purge the meters.

Who will be relighting my appliance? Qualified, trained New Mexico Gas Company service technicians from around the state will be helping to restore service to affected areas in an orderly manner. To help relight homes and businesses as quickly as possible, extra assistance is being provided by licensed journeymen from Local Union 412, Los Alamos County Gas Utility, and local Fire

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Departments. All personnel will carry a New Mexico Gas Company ID badge (the contractor badges will not have a photo, while the employee ones will). A blu tag will be left to schedule a relight if you aren't home when our technicians visit.

In the meantime, please do not attempt to relight your gas appliances. If you smell gas *inside* your home or business, get everyone out of the building immediately — then, call New Mexico Gas Company from a safe location. Do not do anything that may cause a spark, including: turn on or off any electrical or battery-operated devices, using garage door openers, radios, televisions, computers or telephones, striking a match or flick lighter or smoking. Do not return to the building until the gas company safety experts have given the all-clear.

2/3/2011 12:59 PM

New Mexico Gas Company has released a press release. A copy (pdf) is available [here](#). **Please note:** We do not have any plans to turn off natural gas service to customers in Albuquerque. We are doing everything we can to maintain service.

Service Disruptions

2/3/2011 1:35 PM

The Alamogordo walk-in office has had to close for today.

2/3/2011 12:00 PM

Natural gas service has been disrupted to **Santa Clara Pueblo, Okway Owingeh Pueblo and portions of San Ildefonso Pueblo and Santa Ana Pueblo**. Our Native American liaison has worked with Pueblo governments and agencies, which are currently providing information to their respective Pueblo members. A tribal bulletin has already been sent out to residents of San Ildefonso Pueblo - if you did not receive one, please contact the Governor's office at 505-455-2273. The Ohkay Owingeh traditional kiva will be open for all tribal members tonight and a notice was issued to the community this morning. If you did not receive one, copies are available at the Governor's office.

2/3/2011 9:02 AM

At this time, gas service is disrupted in **Espanola**, affecting about 2,600 customers.

2/3/2011 8:07 AM

New Mexico Gas Company continues to work to preserve natural gas service to as many customers as possible. At this time, natural service is being disrupted in **Bernalillo and Placitas**, affecting 5,000 customers; and in **Taos, Questa and Red River areas**, affecting 10,800 customers.

2/3/2011 7:58 AM

Natural gas has been disrupted at Coronado Village Mobile Home Park at 8401 Pan American Fwy in Albuquerque, affecting 200 customers. There are also isolated and sporadic incidents in the Albuquerque metro area at this time.

Update: Service has been restored to Coronado Village Mobile Home Park.

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2/3/2011 6:39 AM

Natural gas service is currently disrupted in **northern sections of Silver City**, affecting 750 customers. New Mexico Gas Company is working with city officials and agencies now and information on emergency shelters and assistance will be available soon.

2/3/2011 5:30 AM

At this time, natural gas service has been disrupted to customers in Otero County. The affected areas currently include residents and businesses north of County Road 545 into Tularosa, the **Village of Tularosa and La Luz**, and **northern sections of Alamogordo**. Approximately, 2,500 customers have been affected. Natural gas has also been curtailed in Alamogordo public schools and the recreation center.

Text messages, emails and calls: New Mexico Gas Company is not calling, emailing or texting residential customers about service disruptions. If you receive a call, email or text message from an anonymous source, these are not New Mexico Gas Company communications. Unless you are listed in the affected areas above, please be assured that the gas is still flowing to your area.

Cause: Due to rolling black-outs in West Texas and other problems, the delivery of natural gas into New Mexico has been impeded. States across the Southwest are experiencing similar situations. Our pipeline system is intact and our crews have been working to minimize the impact of this temporary situation. New Mexico Gas Company has been taking steps to maintain service to as many customers as possible. The extremely cold weather has peaked demand for natural gas and we will continue to work to maintain and restore service as quickly as possible.

Hospitals and Emergency Medical Care: Please be assured that all hospitals in affected areas are operating on diesel back-up and are open. This includes Gila Regional Medical Center in Silver City, Holy Cross Hospital in Taos, and Presbyterian Hospital in Espanola. All emergency 911 services are also available and fully operational in all areas.

Safety: The safety of our customers is of top concern. New Mexico Gas Company has been working with National, County and State emergency services and officials, as well as local assistance agencies.

Emergency Shelters

Emergency shelters have been set up at these locations for residents unable to safely remain at home. These heated facilities will have cots, blankets, food and water, and other emergency relief in coordination with the Red Cross and/or National Guard. [Please see the latest update 2/6/11 for a list of current shelter openings.]

Alamogordo: Alamogordo Civic Center at 800 East First Street, at the corner of South Florida and First Street. [closed]

Silver City: Grants County Conference Center at 3050 Hwy 180E (next to Ace Hardware); phone: 575-388-3180 [now closed]

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Questa: Alta Vista Elementary School gym at 2556 State Road 522

Espanola: New Mexico National Guard Armory at 2011 Industrial Park Road

Red River: Fire Station at 100 E. Main

Red River: Faith Mountain Fellowship Church at 100 S. Copper King Trail

Bernalillo: National Guard Armory at 4001 NW Loop NE, Rio Rancho (North of Rio Rancho off Highway 550 and Northwest Loop). Anyone who plans on seeking shelter at the National Guard Armory should bring pillows and blankets (cots are available), prescription medications, special dietary foods and supplements, and personal hygiene items. [closed]

Bernalillo: Rotary Park Community Center at 370 Rotary Park Road [closed]

Taos: Taos Regional Command Center at 1146 Gustof.

Taos: Emergency Response Center at Quality Inn (behind hotel) at 1043 Paseo del Pueblo Sur [closed]

Taos: Enos Garcia Elementary School at 305 Don Fernando (overflow) [closed]

Taos: Ranchos Elementary School at 200 Ranchos Elementary Road (overflow) [closed]

For Pets in Taos: Aquatic Center Recreation Center on 407 Paseo del Canyon E [closed]

Recommendations:

At this time, residents are encouraged to remain in their homes if they can and if they have safe alternative sources of heat to keep warm, such as electric heaters, wood or pellet stoves, and electric blankets.

Residents are cautioned NOT to use unvented heaters, grills, propane or kerosene heaters or camp stoves inside their homes or enclosed spaces, as these can result in carbon monoxide poisoning.

Please check on your neighbors and friends, especially the elderly, sick or homebound.

For Assistance:

Anyone who needs assistance or help getting to an emergency shelter, please call --

In Alamogordo and Otero County:

Alamogordo Department of Public Safety: 575-439-4300

Otero County Sheriff: 575-437-2210

Tularosa Police Dept.: 575-585-2704

In Silver City:

Convention Center: 575-388-1198, Ext. 10 (no charge)

Corre Caminos: 575-388-3180 (\$2.50 and 50 cents each additional person at same address)

In Questa:

Mayor's Office: 575-586-0694 or 586-1610

In Espanola:

Regional Transportation Office: 505-753-2992 [revised on 2/4; now 505-747-1941 or 753-8396]

In Red River

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Town Hall: 575-754-2277

In Bernalillo:

Sandoval County Information Line: 505-404-5810

In Taos:

Command Center: 575-751-8123 or 751-8125

Hotels

These hotels have offered reduced room rates for New Mexico Gas Company customers who have had their gas service disrupted.

MCM Elegante in Albuquerque at \$59/night. For information, call 505-884-2511.

Clarion Hotel in Albuquerque at \$45/night. For information, call 505-823-1300.

Appendix G – Water Authority Freeze Issues

February 2011 Freeze issues with the Albuquerque/Bernalillo County Water Utility Authority:

- A. On January 31, 2011, David Morris (Public Information Officer) was requested to notify media and other public information outlets about the forecast for potential sub-zero temperatures expected during the first week of February, 2011.
- B. Call volume during the cold snap quickly overloaded the Dispatch system, so actions by the Superintendents, Dispatch Supervisor, and Planner/Scheduler were put into place to obtain additional resources (approximately 24 people from Plant, Customer Services, 311, others), adjust work schedules, and reestablish priorities.
- C. Operating dispatch and call taking functions for a time had to be done 24 hours/day which is outside the current staffing work schedules; the Control Center continued to take calls during the graveyard shift and the 24 hour coverage via 911 & AFD went from 2/4—2/7/11. Daily meetings were held to assess the progress and make adjustments as needed. Holding crews over and asking for additional volunteers was also done.
- D. When callers became frustrated with being unable to get through to the Dispatch number (due to overloads, being put on hold, hang ups, etc.), the callers would then go to 311, police department (911), or the fire department. These calls would often be referred back to the Water Authority, and in many cases, duplication of problems/work requests occurred. For multi-family dwelling units like apartments & condos, for example, many tenants would call in for what was basically one problem at one address. In some of these cases, the problem was on the customer side and the apartment owners were not responding quickly enough for the tenants and repeat calls kept coming into Dispatch.
- E. The high volume of calls overloaded the staff's ability to quickly record and track them in MAXIMO, the work order management software used by the Water Authority. Sorting through the work requests to screen for duplicates and other problems also took time.
- F. Problems with the QWEST telephone lines were also noted. There are no specific details at this time but QWEST indicated the call volume overloaded their systems and took some time to stabilize.

- G. Plant Division-Water Production experienced problems related to sensors, SCADA, and disinfection units at some sites. This put additional burdens on those personnel resources. However, there was no significant loss of water production and there is no evidence that water quality problems occurred.
- H. During the cold snap, no main leaks were identified that were related to the cold temperatures. A small number of service leaks occurred but the number was nothing outside “normal” service leaks that can occur at any time and typical for a system of this size. No fire protection was compromised. The bulk of the problems were meters and house-side lines freezing. Fire department personnel helped with some water shutoffs by assisting individual residents with their plumbing and internal shutoff valves and they assigned a person to help Dispatch on 2/4/11.
- I. No wastewater collections problems were noted.
- J. Shown below are some selected metrics & comparisons noted during the cold snap:

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<i>Item</i>	<i>“normal” range</i>	<i># recorded by hand during cold snap</i>	<i>Multiplying Factor above “normal”</i>
<i>Calls rec'd/day</i>	90-185	1796 (on 2/3/11; QWEST may have been overloaded, too)	~9X--~20X
<i>“no water” calls pending/day</i>	Zero; high priority item	~333 on 2/4/11 at 7AM	Can't be calculated; multiply by zero
<i>Calls answered/day</i>	~77-167	~827 on 2/4/11	~5X--~11X
<i>Work orders created/day</i>	~110	~781 on 2/4/11	~7X
<i>Emergency Turn Offs (ETO/day pending)</i>	Zero; high priority item	~50 pending on 2/4/11 at 9 PM	Can't be calculated; multiply by zero
<i>Albuquerque Police</i>	Zero;	~38 calls on 2/4/11	Can't be calculated; multiply by zero

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<i>Department calls/day documented</i>			
<i>Total hours for personnel</i>	40 hours/week	~842 on 2/5/11	n/a; extra hours for emergency
<i>Priority 3 work orders pending</i>	Assign as crews are available	~187 pending for 2/8/11	Accumulates in backlog
<i>Paper work orders turned in for data entry</i>	~50-72	~332 for 2/8/11	~4X--~7X
<i>Meters changed/month</i>	~202-330	~1,000 in February, 2011	~3X—5X
<i>Work order backlog</i>	~30-458	~2,669 in February, 2011	Significant portion is residential “stopped meters”
<i>Documented radio calls</i>	Minimized to keep radios clear	~275 on 2/5/11	Radio traffic well above normal

2011

- **RUIDOSO-30 members of the National Guard Engineering Company from Roswell** provided valuable and needed assistance to local officials to help restore water. Approximately 2000 homes were without water for extended periods.
- **TIMBERON- Frozen water mains caused water restrictions.** The local water utility is restored service.
- **CLOUDCROFT-**All water mains and service to water meters were restored.
- **BONITA PIPELINE-**The pipeline that carries water from Bonita Lake to Alamogordo was impacted by the freeze.
- **The New Mexico Environment Department has issued a precautionary boil water advisory** for all communities impacted by the outage. Boil water for 5 minutes before drinking, cooking and washing dishes. Drink bottled water if possible.

2012 (as of June 20th)

▪ **RUIDOSO, LITTLE BEAR FIRE:**

60 percent contained, 41,562 acres burned. Water and Waste Water facilities threatened, by either fire, ash or potential future flooding. Communication facilities and secondary transmission line damage. 243 homes destroyed by fire. Some evacuations still active. New Mexico Environment Department (NMED) Drinking Water Bureau Field Staff have been dispatched into neighborhoods inside the Little Bear Wildfire Burn Area that have been reopened to evacuees. Preliminary assessments show that numerous drinking water systems within the burn area have been damaged and may be compromised. With these new assessments, the NMED has issued a mandatory boil water advisory for:

- Enchanted Forest Water Corporation
- Bonita Park Nazarene Conference Center
- Villa Madonna

The water system consumers of Enchanted Forest Water Corporation, Bonita Park Nazarene Conference Center and Villa Madonna are advised to seek an alternate source of drinking water, such as bottled water, or boil the water for five minutes before drinking, cooking, and dishwashing.

- **SILVER CITY, WHITE WATER-BALDY FIRE:**

80 percent contained, 296,562 acres or 463 square miles burned. Largest wild fire in New Mexico History, surpassing the Las Conchas fire in 2011. El Paso Electric owns a major transmission line to and from Palo Verde within 15 miles of fire area. Flooding and water contamination major issues.

- **BLOOMFIELD, CR4990 FIRE (BLANCO):**

50 percent contained, 352 acres burned. The fire is on both sides of the San Juan River, presently 6 miles of river front. Emergency responders evacuated people from neighborhoods near the flames. Livestock, boats and classic cars were moved from the fire location. The Sheriff's department is encouraging residents of the area to stay off their cell phones unless it is an emergency to enable emergency crew correspondence. Potential contamination of water resources. Electric power lines (1 mile) and gas lines (1/2 mile) are potentially threatened.

Resources:

U.S. Geological Survey
Albuquerque/Bernalillo County Water Utility Authority Web Site
Albuquerque/Bernalillo County water Utility Authority staff
Albuquerque Journal
The Farmington Daily Times
KRQE Television
World Book
New Mexico Homeland Security

Appendix H – 2011 Gas Outage Investigation

March 2013 | nmgco.com

2011 Outage Investigation Update

https://www.nmgco.com/pdf/Pipeline_March2013.pdf

As a result of the natural gas outages which occurred in New Mexico – and throughout the Southwestern United States – in February 2011, the New Mexico Public Regulation Commission (NMPRC) initiated an investigation into the curtailments. The NMPRC issued its Final Order in December 2012. Here is a summary of the Findings and Conclusions of the NMPRC in its Final Order:

<ul style="list-style-type: none"><input type="checkbox"/> The curtailments were caused by a combination of a failure of supply to NMGC caused by a severe winter storm affecting the southwestern U.S., weather-driven freeze-offs and rolling electrical blackouts in Texas, and high weather driven demand for gas by NMGC customers;<input type="checkbox"/> NMGC reasonably and prudently anticipated and planned for this winter storm and purchased significantly more than enough gas supplies to meet the anticipated needs of its customers;<input type="checkbox"/> NMGC reasonably and prudently mitigated the resulting curtailments of gas utility service by first voluntarily curtailing large end-users and customers, then by seeking voluntary reduction of gas usage by all customers, then by initiating involuntary curtailments of large customers, and finally by curtailing gas utility service to customers as necessary to maintain the integrity of as many segments of the system as possible;<input type="checkbox"/> Given the options available and the timeframes within which actions had to be taken, NMGC made reasonable and prudent decisions in determining the segments of the NMGC system in which gas utility service to customers should be curtailed;	<ul style="list-style-type: none"><input type="checkbox"/> Had NMGC not declared system emergencies on February 3, 2011, and curtailed, uncontrolled outages would have occurred that would have threatened the public health and safety as well as continued gas utility service to the remaining segments of the NMGC system;<input type="checkbox"/> NMGC restored service in a reasonable, prudent, and timely manner, consistent with industry standards, and consistent with all applicable rules, regulations, and tariffs;<input type="checkbox"/> Throughout all its actions in February 2011, NMGC complied with all applicable rules, regulations, and tariffs;<input type="checkbox"/> NMGC could have communicated better with local officials and the Public. <p>In addition to the investigation conducted by the NMPRC, the Federal Energy Regulatory Commission (FERC) conducted a separate investigation into the causes of the outages throughout the Southwestern United States. In August 2011, FERC issued a lengthy report summarizing its investigation and setting forth its findings, conclusions, and recommendations. You can find the FERC Report on their website at http://www.ferc.gov/legal/staff-reports/08-16-11-report.pdf.</p>
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The complete NMPRC Final Order can be found at www.nmgco.com/regulatory_filings or on the NMPRC website at www.nmprc.state.nm.us/utilities/docs/2011-12-21_Final_Report_NMPRC.pdf.

Appendix I – Homeland Security Cyber Attacks

HOMELAND SECURITY INVESTIGATES CYBER ATTACKS ON GAS PIPELINES

A Pipeline & Gas Journal Staff Report

June 2012 Vol. 239 No. 6



There has been an "active series" of cyber attacks on natural gas pipeline companies' computer networks over the past four months, according to the Department of Homeland Security (DHS).

The DHS said "the spear-phishers" (defined as attempting to gain unauthorized access to confidential data), who were first detected in March, have targeted a small, select group of employees at U.S. gas companies. DHS officials acknowledged they are working with the FBI and other federal agencies as well as pipelines to find out who may be behind the intrusions and malicious e-mails. The FBI declined to comment on the case when contacted by ABC News.

According to U.S. officials, it's unclear if a foreign power is trying to map the gas systems or if hackers are attempting to harm the pipelines. A previous attack on the oil and gas sector seemed to originate in China.

The hackers are using the spear-phishing technique, according to the DHS, in hopes of stealing passwords and gaining access to the pipelines' control systems. Spear-phishers send targeted e-mails to specific individuals that seem to come from friends or associates, and when opened, attachments or links in the e-mails release malware into the victim's computer.

"DHS is coordinating with the FBI and appropriate federal agencies, and ICS-CERT [Industrial Control Systems Cyber Emergency Response Team] is working with affected organizations to prepare mitigation plans customized to their current network and security configurations to detect, mitigate and prevent such threats," DHS spokesman Peter Boogaard told Natural Gas Intelligence.

He said ICS-CERT has held several classified briefings across the country with pipeline owners and operators to share information related to the cyber attacks.

Various sources have provided information to the Homeland Security's ICS-CERT unit, which investigates threats to public infrastructure, "describing

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targeted attempts and intrusions into multiple natural gas pipeline sector organizations," said the ICS-CERT "Monthly Monitor" report.

"Analysis of the malware [malicious software] and artifacts associated with these cyber attacks has positively identified this activity as related to a single campaign. The campaign appears to have started in late December 2011 and is active today. Analysis shows that these spear-phishing attempts have targeted a variety of personnel within these organizations; however, the number of persons targeted appears to be tightly focused. In addition, the e-mails have been convincingly crafted to appear as though they were sent from a trusted member internal to the organization," the ICS-CERT report said.

ICS-CERT said it has been working with critical infrastructure owners and operators in the oil and gas sector since March to address the series of cyber intrusions targeting pipeline companies.

The oil and gas sector has been targeted before. In February 2011 the computer security firm McAfee discovered a computer intrusion labeled "Night Dragon" that was traced to China. As part of that attack, individuals tried to obtain sensitive data and financial documents from the oil and gas companies about bids and future drilling exploration projects.

In Washington, Don Santa, president and CEO of the Interstate Natural Gas Association of America, released the following statement in response to the report:

"INGAA and its members take all security issues, including cyber security, very seriously. We have a good, long-standing working relationship with DHS and its agencies. We are working to reinforce to our members the importance of being vigilant against potential cyber threats.

"To our knowledge, the 'cyber intrusions' reported to DHS have had no impact on deliveries or the safety of the pipeline system.

"As ICS-CERT said in its article, this particular cyber campaign was brought to its attention by private-sector company reports, demonstrating that existing government-industry collaborative protocols work. The industry will continue to work with the government to ensure the effectiveness of our system protections."
