

CLEAN AND RENEWABLE ENERGY PRODUCTION & MANUFACTURING.

New Mexico's combination of visionary leadership and abundant natural resources positions it to be a leader in the field of renewable energy. As a former U.S. secretary of energy, Governor Bill Richardson understands our country's growing energy needs and the kind of research and development it will take to meet them in the future.

Sun & Wind. New Mexico's combination of ideal weather and entrepreneurial spirit make it a potential epicenter for renewable energy in the twenty-first century. McKinley County experiences more than 340 days of sunshine per year. Not only are we blessed with sunny skies, but the high altitude and low cloud cover makes the sunlight here more intense, ranking the State second in the nation in solar energy potential. Wind is moderate throughout the County with several areas that are investment grade.

Research. Research in renewable energy is thriving here. In 2004, New Mexico received \$40.4 million from the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy for a variety of state and federal programs relating to renewable energy development. Both Los Alamos and Sandia National Laboratories are leaders in the quest for new, affordable energy sources. Research is also burgeoning at University of New Mexico, New Mexico Tech, New Mexico State University, and Northern Arizona University.

Workforce. Farmington's San Juan College offers a unique renewable energy degree program for undergraduates and Navajo Technical College offers an alternative energy program.

NM Renewable Energy Production Tax Credit. Each qualified energy generator may earn an income tax credit of one cent (\$.01) per kilowatt-hour for the first four hundred thousand megawatt-hours (=400,000,000 kilowatts) of electricity produced using a qualified energy source for ten consecutive years, beginning with the first year of production. Qualified energy generators are producers with at least ten megawatts generating capacity located in New Mexico that produce electricity using a qualified energy resource and that sell that electricity to an unrelated person. Qualified energy resource means a resource that generates electrical energy by means of a fluidized bed technology (or similar low emissions technology) or zero-emissions generation technology that has substantial long-term production potential and that uses only biomass, solar light, solar heat, or wind.



NM is second in the nation in solar energy potential, and over 30 solar-energy enterprises are located here.



CLEAN & RENEWABLE ENERGY PRODUCTION & MANUFACTURING: OUR COMPETITIVE ADVANTAGES

LOCATIONAL ASSETS.

- EXCELLENT TRANSPORTATION CORRIDORS: I-40 (E &W) & US491 (N &S);
- LOCATED IN FOUR CORNERS REGION, SERVING **SOUTHWEST AND WEST COAST MARKETS**;
- STRATEGICALLY CENTERED ALONG A MAIN **RAIL** LINE;
- SEVERAL **TRANSMISSION LINES** PASS THROUGH THE COUNTY;
- CITY OF GALLUP RUNS A **MUNICIPAL UTILITY SYSTEM**.
- LARGE REGIONAL NETWORK OF RENEWABLE ENERGY SUPPLIERS, DISTRIBUTORS, AND MANUFACTURERS INCLUDING:
 - Over 400 companies in the Southwest, including a new facility being constructed for **SCHOTT AG** of Germany in Albuquerque, NM.

HUMAN CAPITAL.

- A **DIVERSE, READY, AND TRAINABLE** WORKFORCE;
- A REGIONAL POPULATION OF OVER **230,000**.
- AREA **COLLEGES** OFFER **RENEWABLE ENERGY PROGRAMS**:
 - Farmington's San Juan College offers a unique renewable energy degree program for undergraduates and Navajo Technical College (formerly Crownpoint Institute of Technology) offers an alternative energy program.
- REGIONALLY-BASED **RESEARCH FACILITIES** INCLUDE:
 - Los Alamos National Laboratories, Sandia National Laboratories, and National Renewable Energy Laboratories.
 - Research is also burgeoning at University of New Mexico, New Mexico Tech, New Mexico State University, and Northern Arizona University.

STATE AND LOCAL TAX INCENTIVES.

<http://www.edd.state.nm.us/businessAssistance/incentives/industrySpecific/index.html>

- INDUSTRIAL REVENUE BONDS (LOCAL).
- OTHER LOCAL INCENTIVES CAN BE NEGOTIATED

Highlighted Project:

GALLUP SOLAR

Gallup Solar, a project of Work in Beauty, Inc., is a community-driven project to advance the development of a 40 MW solar power plant in McKinley County. Gallup Solar has achieved many milestones in a short amount of time, including:

- Completion of a feasibility assessment,
- Identification potential sites,
- Leveraging local and State funding for Phase II planning and design,
- Garnering both public and private sector support; and
- Consulting with industry representatives and financial investors.

To find out more about this organization and its achievements:

Go to: <http://www.gallupsolar.org/>

Highlighted Business:



McKinley Paper Company – strategically located in McKinley County primarily because of three factors:

- SHIPPING: Location to I-40 and access to rail, and location to major markets.
- ENERGY: Co-located next to Tri-State power plant and contacts to use their steam;
- INCENTIVE: Worked with McKinley County to receive an Industrial Revenue Bond.

McKinley Paper Company operates one of the most modern and efficient paper mills in the US. The company produces 220,000 tons of high quality containerboard annually for the manufacturing of corrugated packaging.

This industrial complex is strategically located in Prewitt, NM to supply the paper required by Durango-McKinley Paper Company's Packaging division in Texas, as well as the Independent Corrugated market in the Western US. The company has the most advanced technology in paper manufacturing and is one of the very few plants, globally, that operates on closed circuit under the certified "zero discharges" and "zero emissions" scheme, which makes it one of the most environmentally friendly paper mills in the United States, having been recognized for this with several environmental awards.

McKINLEY PAPER COMPANY: A NEW GENERATION OF HIGH-TECH ENVIRONMENTALLY FRIENDLY PAPER MILLS

Our Advanced Paper Manufacturing Process

- McKinley's paper mill does not need to be next to the forest since 100% of its raw material is recycled paper – OCC (Old Corrugated Containers). McKinley is conveniently located close to the “urban forests” of the Southwestern US. This means that we participate in the conservation efforts of our forest and the preservation of our landfills.
- McKinley does not need to be close to a river or lake since it operates with a completely closed process, with zero-liquid effluents leaving the plant, thus its water consumption is one of the lowest in the world for a paper mill. 100% of the water used in the papermaking process is treated, recycled, and used in the process again and again.
- The McKinley paper mill is the only facility of its kind in the country that operates without environmental permits since it does not exchange anything - liquids or gases - into the environment. Steam and water are supplied, through a long term supply contract, to the paper mill by a power plant located close to the mill.
- Durango-McKinley's paper mill was designed to produce primarily light-weight papers for the future. As the world containerboard industry moves towards a more efficient use of fiber through the use of stronger and lighter boxes, McKinley is well positioned to operate in this new, more cost efficient economic environment.
- The mill is strategically located to take advantage of the fiber - OCC - supply from the Southwestern and Central US. its location also allows it to efficiently supply paper to the independent corrugated market in the Western US, as well as the industry in the Western Mexico-US border region.

To find out more about this organization and its achievements:

Go to: <http://www.mckinleypaper.com/>