The Real AZ Corridor – Arizona’s Energy Future ... At Work!

The Real AZ Corridor is home to a growing list of companies and initiatives that are putting the region’s abundant, diversified resources, energy potential and access to work to build a strong economy and to assure America’s energy future. They include:

Wind

Dry Lake Wind Farms (Iberdrola Renewables) operates two wind farms with a total of 61 towers and an output of approximately 130 MW on more than 16,000 acres of private, State and Federal land north of Snowflake.

Disgen Marcou Mesa Wind Farm has approval to develop a 390 MW wind farm with up to 194 turbines on approximately 34,000 acres of private and State land north of Holbrook. The project is expected to be operational in late 2012.

RES Americas has installed a meteorological testing tower (MTT) near Heber and has approval to site three additional towers in the same area. MTTs are used to measure wind for the potential to generate renewable energy.

Pacific Wind Development, LLC, a subsidiary of Iberdrola Renewables, Inc., has received a permit to site a meteorological testing tower (MTT) northwest of Snowflake (north of the Dry Lake Wind Farms).

Apache Wind District, a subsidiary of Juwi Wind, LLC, is working to site a meteorological testing tower (MTT) southwest of Holbrook.

Biomass

An $85 million 25MW biomass electrical generation plant was built near Snowflake in 2006 and sold to Snowflake Power LLC in 2010. The plant is fueled by woody waste from the White Mountain Stewardship and, potentially, the Four Forests Initiative, and by waste recycled material from the Catalyst paper mill.

Solar

Aurora Solar, a subsidiary of Iberdrola Renewables, has received approval to develop a 50 MW solar photovoltaic facility within the Dry Lake II wind farm north of Snowflake.

Future Forest/Forest Management

The Four Forest Restoration Initiative (4FRI) signed in February 2011 is working to restore 2.4 million acres of the Southwest’s National Forests through accelerated, large-scale small timber management and the re-introduction of industry into the forests. Navajo County and the Real AZ Corridor have been leaders in the movement, which includes environmentalists, industry groups and scientists. 4FRI will also create opportunity in the Apache-Sitgreaves Forest for sustainable forest industries and environmentally-minded harvesting operations. The U.S. Forest Service awarded the contract for the first 300,000 acres in April 2012. It is the largest restoration contract ever awarded by the Forest Service.

Algae

Algae Biosciences Inc. in Holbrook researches, develops and manufacturers micro and macro algae for use in nutraceuticals (including Omega-3 fatty acid oils), food additives and pharmaceuticals. Near-perfect algae growing conditions, a pristine brine water supply and demand which far exceeds industry capacity have the company on a fast growth track. A $5 million expansion in 2012 gave the company large-scale commercial production capabilities.

Geothermal Resources

GreenFire Energy is refining CO2-based geothermal energy technology near Springerville. The company is working to become the first company in the world to produce electric power at commercial scale, using geothermally heated CO2.

CO2 Storage

Several sites are being evaluated by US Geological Survey and WESTCARB (West Coast Regional Carbon Sequestration Partnership) for their potential to store CO2 in wells drilled in secure geological formations. The Colorado Plateau is considered ideal for long-term CO2 storage.

Kinder Morgan Co. acquired the St. Johns Dome and is evaluating wells on that and other assets in the Corridor to determine potential CO2 production. A strategy to lay 400 miles of pipeline is being developed, along with plans for a plant in Springerville.

Potash

The Real AZ Corridor is well positioned to become a significant potash producing region, with multiple exploration projects underway.

American West Potash (AWP) has completed the second phase of drilling on 95,000 acres in the Holbrook Basin. AWP expects to begin engineering in 2013 and have its mine operational by 2014.

Passport Potash has completed test drilling of 52 sites on 81,000 acres near Holbrook. Resource reports indicate widespread resource availability and mining potential at shallow depths.

Other

NZ Legacy — The company’s land holdings in northeastern Arizona hold potential for potash, solar, wind, biomass and energy storage.

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