



## **Renewable Facilities**

Thanks to the demand of Green Mountain Energy Company's customers, over 40 wind and solar facilities have been built since 1999. Our facilities are owned and operated by third parties and branded as Green Mountain through licensing agreements because the demand from our customers played a significant role in getting these projects built. In one year, all of these facilities together can generate over 320,000 megawatt hours (MWh) of new renewable energy, enough to power over 26,000 homes for a year. Below are dozens of the major facilities Green Mountain's customers have helped develop in Texas:

### **October 2010 — Green Mountain Energy® Solar at The da Vinci School — Dallas, Texas**



This 28.8 kW array was donated by the [Big Texas Sun Club®](#) and will produce around 40,000 kilowatt hours (kWh) of clean energy annually and save the school as much as \$250,000 in electricity costs over 30 years..

### **September 2010 — Green Mountain Energy® Solar at the Dallas Children's Theater**



This 16.2 kW array was donated by the [Big Texas Sun Club®](#) and is expected to produce more than 21,000 kWh of electricity per year.

### **June 2010 — Green Mountain Energy® Solar at the Texas State Aquarium — Corpus Christi, Texas**



This 2.3 kW array was donated by the [Big Texas Sun Club®](#) and will produce over 12,000 kWh of clean energy annually.

### **April 2010 — Green Mountain Energy® Solar at the McAllen Chamber of Commerce — McAllen, Texas**



This 2.3 kW array was donated by the [Big Texas Sun Club®](#) and will produce over 4,500 kWh of clean energy annually.

### **March 2010 — Green Mountain Energy® Solar at Fort Worth Museum of Science and History — Fort Worth, Texas**



This 10.2 kW array was donated by the [Big Texas Sun Club®](#) and will produce over 20,000 kWh of clean energy annually, saving the museum more than \$283,000 in electricity costs over its 30-year lifetime.

### **November 2009 — Green Mountain Energy® Solar at Chinquapin School — Highlands, Texas**



This 3.2 kW array was donated by the [Big Texas Sun Club®](#) and will reduce the school's electricity bill by 30 percent.

### **September 2009 — Green Mountain Energy® Solar at Girl Scouts of San Jacinto Council, Houston, Texas**



This 10.08 kW array was donated by the [Big Texas Sun Club®](#) and will save the organization approximately \$300,000 in electricity costs over its 30-year lifetime.

### **August 2009 — Green Mountain Energy® Solar at Texas State Technical College — Harlingen, Texas**



This 10.08 kW array was donated by the [Big Texas Sun Club®](#) and will save the college approximately \$300,000 in electricity costs over its 30-year lifetime.

### **August 2009 — Green Mountain Energy® Solar at Eastfield College — Mesquite, Texas**



This 4.4 kW array was donated by the [Big Texas Sun Club®](#) and will save the college approximately \$100,000 in electricity costs over its 30-year lifetime.

**May 2009 — Green Mountain Energy® Solar at Ballroom Marfa — Marfa, Texas**



This 5.25 kW array was donated by the [Big Texas Sun Club®](#) and offsets approximately 15 percent of the facility's annual electrical usage.

**April 2009 — Green Mountain Energy® Solar at Satori Elementary School — Galveston, Texas**



This 2.8 kW array was donated by the [Big Texas Sun Club®](#) and is expected to produce approximately 5,500 kW of electricity per year.

**January 2009 — Green Mountain Energy® Solar at Workshop Houston — Houston, Texas**



This 2.26 kW array was donated by the [Big Texas Sun Club®](#) and offsets approximately 13 percent of the facility's annual electrical usage.

**September 2008 — Green Mountain Energy® Solar at the Waco Chamber of Commerce — Waco, Texas**



This 9.6 kW array was donated by the [Big Texas Sun Club®](#) and offsets approximately 6.5 percent of the new chamber building's annual electrical usage.

**April 2008 — Green Mountain Energy® Solar at the Houston Zoo — Houston, Texas**



This 6.4 kW array, the first to power a Texas zoo exhibit, was donated by the [Big Texas Sun Club®](#).

**March 2008 — Green Mountain Energy® Solar at the Museum of Nature & Science — Dallas, Texas**



The 640W solar array powers an educational exhibit in the Children's Museum. It was donated by the [Big Texas Sun Club®](#).

**Nov. 2007 — Green Mountain Energy® Solar at the Ronald McDonald House — Austin, Texas**



The 10.8 kW solar array is the first for a Ronald McDonald House. It was supported by the [Big Texas Sun Club®](#).

**Dec. 2005 — Green Mountain Energy® Solar at The Heard Museum — McKinney, Texas**



This 6 kW solar array is one of the most recent solar projects that Green Mountain Energy Company has created. It was supported, in part, by the [Big Texas Sun Club®](#).

**Dec. 2003 — The Wind Farm at Brazos — Borden & Scurry Counties, Texas**



The 160-MW wind farm in West Texas was the first and largest wind farm built after Texans were given the option to choose their Retail Electric Provider (REP) in January 2002. When the facility began operating, it was tied for second largest in the state of Texas and one of the top 10 nationwide.

**Nov. 2003 — The AMP-Ohio Wind Farm — Bowling Green, Ohio**



The first utility-scale wind farm in the state of Ohio, this wind farm originally consisted of two 1.8 MW wind turbines, the largest east of the Rockies. The capacity was doubled in 2004 when two more turbines were added.

**June 2002 — Green Mountain Energy® Solar at The Discovery Museum — Bridgeport, Conn.**



This facility, one of the largest in Connecticut, is a commercial scale, 19-kW solar array with 198 panels installed at ground level near the Discovery Museum's parking lot.

**June 2002 — Green Mountain Energy® Solar at Upper Kirby District — Houston, Texas**



This facility, one of the largest in Houston, is a commercial scale, 43-kW solar array with 440 panels located on top of the Upper Kirby District Foundation building. The facility was constructed, in part, due to the support of [Big Texas Sun Club®](#) members.

**May 2002 — Green Mountain Energy® Solar at The Winston School — Dallas, Texas**



This commercial scale, 58-kW facility, consisting of 594 solar panels, is the largest solar array in Dallas. The facility also serves as a learning tool for the students at The Winston School and was constructed, in part, due to the support of [Big Texas Sun Club®](#) members.

**May 2002 — Green Mountain Energy® Solar at Lake Farm Park — Kirtland, Ohio**



This ground-mounted facility is a commercial scale, 26-kW solar array comprised of 264 solar panels. The array also serves as a solar education opportunity for visitors to Lake Earmarking Kirtland, Ohio.

**May 2002 — Green Mountain Energy® Solar at Southern New Jersey — Deptford, N.J.**



This 52-kW system consists of 1,330 solar panels.

**Feb. 2001 — Green Mountain Energy® Solar at Pittsburgh — Pittsburgh, Penn.**



This 30-kW system is comprised of 175 solar panels installed on top of the IKEA store in Robinson Towne Centre.

**Dec. 2000 — Green Mountain Energy® Solar at Berkeley — Berkeley, Calif.**



This 100-kW facility has 924 panels and, when completed, was the largest solar array in the San Francisco Bay area.

**May 2000 — Green Mountain Energy Wind Farm at Garrett, Penn. — Garrett, Penn.**



The company's first commercial wind farm (also a first for Pennsylvania) consists of eight, 187-foot high wind turbines. The wind farm is 10.4 MW in size.

**Sept. 1999 — Green Mountain Energy® Solar 2000 Mendocino — Hopland, Calif.**



This 106-kW facility is comprised of 1200 photovoltaic panels.

**April 1999 — Green Mountain Energy BJ's Solar — Conshohocken, Penn.**



This 50-kW facility, located on the roof of BJ's Wholesale Club, was the largest solar generation facility in Pennsylvania when built.

***About Green Mountain Energy Company***

*Green Mountain, the nation's leading competitive retail provider of cleaner energy and carbon offset solutions, was founded in 1997 "to change the way power is made." The company is the longest serving green power marketer in the U.S. Green Mountain offers consumers and businesses the choice of clean electricity products from renewable sources, such as wind, as well as a variety of carbon offset products. Green Mountain customers have collectively helped avoid over 11.3 billion pounds of CO<sub>2</sub> emissions. As a wholly-owned subsidiary of NRG Energy (NYSE:NRG), Green Mountain is backed by one of the nation's largest renewable power producers. For more information, visit [GreenMountain.com](http://GreenMountain.com).*

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