



News Release

For Immediate Release

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Flint Hills Resources Pine Bend refinery considers solar to help meet power needs

30-megawatt solar development would be among the largest of its kind in the nation

Rosemount, Minn. – The Flint Hills Resources Pine Bend refinery is seeking bids for the construction of a large-scale solar development on the company’s property in Rosemount, Minnesota, to help meet the refinery’s electrical power needs and lower its energy costs. The 30-megawatt solar development would be among the largest of its kind in the nation where all the power is generated and consumed by a single business. The company has requested bids from select solar companies that specialize in building commercial-scale solar farms and integrating them within established operations. A decision on whether to proceed with the project is expected by mid-year 2021.

The Pine Bend refinery supplies most of the transportation fuels used in Minnesota and a significant portion of the fuels used throughout the Upper Midwest. It also produces approximately 10 percent of the nation’s total demand for road and roofing asphalt as well as other essential products such as home heating fuels and the raw materials used in the manufacturing of fertilizers, pharmaceuticals and plastics.

The solar development would be located west of the refinery on 200 to 300 acres of farmland owned by Flint Hills Resources. The refinery recently commissioned a new Combined Heat and Power (CHP) system, which produces about 50 megawatts of electricity or roughly 40% of what is required to power the refinery’s daily operations. The solar development would provide additional lower cost, highly efficient power that together with the CHP, under optimal conditions, could satisfy more than half of the refinery’s daily power needs.

In the past five years, Pine Bend has improved its energy efficiency by 10%, advancing it into the top quartile of all U.S. refineries. The refinery recently earned the U.S. Environmental Protection Agency’s ENERGY STAR certification for the second consecutive year. Since 1997, the Pine Bend refinery has lowered emissions of traditional criteria pollutants by approximately 70%, while increasing production to help meet demand for transportation fuels. The refinery has reduced total on-site emissions in 11 of the last 15 years, and its emissions per barrel are approximately 20% lower than other U.S. refineries.

“Continually improving our energy efficiency and reducing our energy costs are critical to our ability to remain competitive,” said Geoff Glasrud, Flint Hills Resources plant manager and vice president of operations. “We are in a highly competitive commodity business where many of our competitors pay far less for the energy required to power their operations than we do. This type of co-generation would also improve the overall efficiency of our operations and help us continue to lower emissions associated with producing the fuels and other products that people rely on every day.”

Wichita, Kansas-based Flint Hills Resources’ other renewable energy and disruptive technology holdings include investments in bioplastics and battery technologies. The company is the fifth largest biofuels producer in the United States.

About Flint Hills Resources

Flint Hills Resources, LLC, through its subsidiaries, is an industry leader in refining, chemicals, and grain processing, with operations primarily in Texas and the Midwest. Flint Hills Resources’ subsidiaries produce and market gasoline, diesel, jet fuel, asphalt, ethanol, biodiesel, liquified natural gas, olefins, polymers, intermediate chemicals, as well as base oils, corn oil and dried distillers grain. Based in Wichita, Kansas, the company has approximately 4,000 employees and is a wholly owned subsidiary of Koch Industries, Inc. www.fhr.com

The Flint Hills Resources Pine Bend refinery produces transportation fuels used throughout the Midwest, including most of Minnesota’s gasoline, diesel fuel, jet fuel, as well as other products people rely on such as propane and asphalt. Located 17 miles southeast of Minneapolis, Pine Bend has a refining capacity of 375,000 barrels per day and is among the most efficient and safest oil refineries in the country. Flint Hills Resources directly and indirectly supports more than 4,000 Minnesota jobs and has invested nearly \$1.7 billion in upgrades and improvements to its Minnesota facilities since 2010. With 1,000 full-time employees, the Flint Hills Resources Pine Bend refinery is one of the largest employers in Dakota County. More information about the Pine Bend refinery is available at pinebendrefinery.com.

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