

ROMEOVILLE QUARRY ACHIEVES ENERGY STAR® CHALLENGE

Lehigh Hanson, Inc. is pleased to announce that its Hanson Material Service Romeoville Quarry in Illinois, has achieved the U.S. Environmental Protection Agency's (EPA's) ENERGY STAR Challenge for Industry by reducing its energy intensity by 10.3% within two years. The Romeoville Quarry is among five Lehigh Hanson facilities to achieve the ENERGY STAR Challenge for Industry; the company also has the unique distinction of being the only aggregates producer to have any of its facilities achieve this recognition.

The EPA estimates U.S. manufacturing industry is responsible for nearly 30 percent of greenhouse gas emissions in the United States and spends almost \$100 billion annually on energy. Under the umbrella of the ENERGY STAR Challenge for Industry, EPA is working with individual manufacturing sites and their parent companies to fight climate change through improvements in energy efficiency.

The ENERGY STAR Challenge is a national call-to-action to improve energy efficiency of America's commercial and industrial buildings by 10% or more. Lehigh Hanson's Romeoville Quarry was able to reduce its energy intensity by taking a hands-on approach to assessing the facility's energy consumption and developing a realistic strategy to achieve its reduction goal. Plant management, with support from personnel at the company's technical competency center in Irving, Texas, completed a comprehensive review of the major systems at the plant, including crushers, pumps, lighting systems and other machinery.

"We approach all of our energy evaluations as a holistic process," said Leroy Goree, Senior Electrical Engineering Manager. "We review the plant's entire production process to ensure we are getting the most tons-per-hour for the energy utilized."

Based on the findings from the review, a number of energy-related projects were planned and implemented. The projects concentrated on upgrading two cone crushers, optimizing pumping systems, implementing demand management strategies and minimizing parasitic loads on the weekends.

"We are extremely proud of achieving the ENERGY STAR Challenge for Industry," said Chris Pronoitis, Plant Manager at the Romeoville facility. "By looking closely at the processes that used the most energy, we were able to optimize energy usage and improve productivity."

"Energy efficiency is a key aspect our overall sustainability strategy," said Tom Chizmadia, Senior Vice President of Government Affairs, Public Relations and Sustainability. "Programs such as the EPA's ENERGY STAR Challenge for Industry provide our management teams with additional tools and resources to help identify areas for improving energy efficiency by managing energy strategically."

Lehigh Hanson currently has six additional aggregate facilities participating in the ENERGY STAR Challenge for Industry and expects more of its plants to join the program in the near future. The company operates more than 200 aggregates plants in the U.S.