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**Cardinal Plant Partners with Separation Technologies to Sell Fly Ash
from Coal-Fired Electricity Generation to Make Variety of Concrete Products**

BRILLIANT, Ohio—Cardinal Operating Company has always sought innovative ways to keep its commitment to generate reliable, environmentally responsible, affordable electricity for its cooperative members.

Cardinal Operating Company has reached an exclusive agreement with Separation Technologies LLC, a subsidiary of Titan America, to market fly ash produced by the plant for the next several years and sell it for use in production of cement and concrete products. The deal gives Separation Technologies exclusive rights to the recycling of Cardinal’s fly ash and eliminates the need for keeping the fly ash in a landfill.

“We have always been committed to generating reliable, affordable, environmentally responsible electricity—and this helps us do that. Cardinal Plant will save money by not having to transport and store fly ash in a landfill, and that’s not only good for the environment around the plant but being able to recycle waste from our plant is a win for everyone. We look forward to working together in a win-win arrangement,” said Patrick O’Loughlin, President of Cardinal Operating Company.

“Our expertise to produce value streams from waste for the production of concrete, cement, and related products, combined with an understanding of the challenging issues faced by power companies, is why our agreement with Cardinal Power makes sense,” said Tom Cerullo, President of Separation Technologies. “Using this material in construction projects and keeping it out of landfills is the right thing to do from an environmental and a business standpoint. Utilizing waste streams like fly ash in beneficial applications fits into Titan’s commitment to decarbonize its cement and concrete business.”

About Cardinal Operating Company Cardinal Power Plant has three coal-fired generating units of a capacity up to 1,800 MW. It’s situated on the Ohio River in Brilliant, Ohio, about 50 miles west of Pittsburgh and 15 miles north of Wheeling, West Virginia. Cardinal Plant generates electricity transmitted to 25 electric distribution cooperatives serving 380,000 homes and businesses in 77 of Ohio’s 88 counties, and parts of Indiana, and Michigan. Over a decade, and culminating in 2012, Buckeye Power invested \$1.2 billion in emissions-control equipment on Units 2 and 3, making Cardinal Power Plant one of the cleanest power plants of its kind in the world. With about 275 employees, and scores of vendors and contractors supporting them, Cardinal Power Plant is a major economic force in the region. www.ohioec.org.

About Titan America LLC Titan America LLC (www.titanamerica.com) and its family of companies are leading heavy building materials producers in the Eastern United States. Titan America is headquartered in Norfolk, VA and its subsidiary companies produce cement, aggregates, ready mixed concrete, concrete block, and beneficiated fly ash. Titan America is a member of TITAN Cement Group, an international cement and building materials producer. The Group employs about 5,500 people and is present in more than 15 countries. Throughout its 120-year history, it has aspired to serve the needs of society, while contributing to sustainable growth with responsibility and integrity. For more information, visit www.titan-cement.com.

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