Boral Resources offers a wide variety of coal ash-based products that can be beneficially used in manufactured goods, such as concrete and wallboard, as well as structural fill, soil, and agricultural applications. Whether derived from current-production sources (power plants) or harvested from landfills or ponds, these products are engineered to meet applicable ASTM and AASHTO standards and include:

**Fly Ash**—Boral’s Class F fly ash increases concrete’s ultimate strength, reduces drying shrinkage and permeability, lowers heat of hydration, and reduces creep. Our Class C fly ash is useful in applications where high early strengths are required, as well as in soil stabilization.

**Bottom Ash**—A heavier, granular material than fly ash that is collected from the bottom of coal-fueled boilers, bottom ash can be used to replace sand and gravel as an aggregate, construct structural fills and embankments, and as raw feed in cement manufacturing.

**Synthetic Gypsum**—A product generated by the flue gas desulfurization (FGD) systems that remove sulfur dioxide from the gas emissions of coal-fueled power plants. Dewatering can then produce a quality gypsum cake with diverse uses in the wallboard, cement, and agricultural sectors.

**Micron™**—An ultrafine pozzolan processed from selected fly ash that is used to improve the durability, strength, and impermeability of high-performance concrete.

**Sintered Light Weight Aggregate**—A high-value construction aggregate that can be produced by drying and sintering fly ash, either current production or recovered from landfills or ponds.

**Celceram®**—An engineered material comprising inorganic solid and semi-solid calcium aluminosilicate glass spheres that can be used as a functional filler in polyolefin, PVC, asphalt, reactive polyurethane, and latex-based products.