



## News Release

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For Immediate Release

For more information, contact:  
KUB Community Relations

### **KUB Awarded Funds for Clean Energy Project**

TVA's EnergyRight Solutions has announced that Knoxville Utilities Board's Kuwahee Wastewater Treatment Plant has been selected to receive \$622,000 in funds from TVA for its Waste Heat Recovery Project, one of 11 TVA-funded EPA mitigation projects focused on clean/renewable energy and energy efficiency.

"As part of our commitment to environmental stewardship, we are always looking for ways to be more efficient in our operations," said Mintha Roach, KUB President and CEO. "This partnership with TVA will allow us to make better use of the biogas from our wastewater plant, provide environmental benefits to the community, and reduce our operating costs. We are grateful for TVA's support in this effort."

The KUB-owned plant is a municipal wastewater treatment facility that features anaerobic digestion of bio-solids. The biogas generated in the digesters is currently used to heat the biosolids to maintain optimum volatile solids reduction, with waste biogas currently flared. The CHP project will use all of the biogas produced and generate up to 11,250 megawatt-hours annually. The power produced will be used by the plant to supply approximately 85 percent of its electrical demand, saving approximately \$320,600 per year. The project is estimated to reduce net CO2 equivalent emissions by approximately 20 million pounds each year, which is the equivalent to removing about 2,000 cars from roads in the Tennessee Valley.

"TVA congratulates KUB on their award and the use of this waste heat technology," said Cindy Herron, vice president of EnergyRight Solutions for TVA. "Projects like this can help wastewater treatment plants, landfills and others generate clean energy and more effectively serve their communities, while allowing TVA and KUB to study how distributed energy plays a role in the energy marketplace of the future."

*KUB is a municipal utility serving Knox and parts of seven adjacent counties and provides electric, gas, water, and wastewater services to more than 445,000 customers.*

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