

OKLAHOMA CITY - All but two turbines from Oklahoma's 2,000 utility-scale wind turbines are located outside of new siting limits signed into law earlier this year, according to a new study by Oklahoma State University researchers. Shannon Ferrell and Joshua Conaway with OSU's Department of Agricultural Economics performed a geographical analysis to see if turbines from 30 existing projects would have been approved under new setbacks of 1.5 nautical miles from schools, hospitals and airports. "The results of this project show Oklahoma wind energy projects occupy far less land than suggested by industry estimates," Ferrell and Conaway wrote. "Turbine spacing allows ample and diverse land uses within project 'footprints,' and existing wind projects largely avoid locations such as hospitals, airports, and schools by wide margins." Senate Bill 808 went into effect Aug. 21. The law said new wind turbines must not be within 1.5 nautical miles (about 9,100 feet) of schools, hospitals or airports. The legislation was pushed by several landowner groups concerned about the encroachment of turbines, including the Oklahoma Property Rights Association. [Subscribe to Daily Headlines Sign up!](#) \* I understand and agree that registration on or use of this site constitutes agreement to its user agreement and privacy policy.