Abstract Submitted
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Exploring the Power Output of Small Wind Turbines in Urban San Antonio, Texas[1] JOSE CASILLAS, STEPHANIE SPERDUTI, ROSA CARDENAS, The University of the Incarnate Word — The means of transporting power from a centralized power plant by transmission lines has several disadvantages. Electricity transmission and distribution networks are costly, require long planning processes and are unsightly to residents. These networks are also susceptible to natural disasters creating massive disruptions to consumers. For these reasons distributed power sources such as solar panels and small wind turbines are becoming a more desirable and viable means of energy production. We report on the status of a study to determine the maximum output power of small wind turbines in urban San Antonio, Texas. Wind speed data along with power measurements from small wind turbines in urban San Antonio will be reported.

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