

Wind Power is Helping to Drive Car Production

Honda Transmission Mfg., Inc • Russells Point, Ohio



In an effort to reduce its CO₂ emissions, Honda decided to integrate wind power into the energy supply for its Russells Point production plant. Before signing a power purchase agreement with ConEdison Solutions, Honda expected the two wind turbines to generate 10,000 MWh annually of clean electricity – enough to cover 10% of the plant’s power needs. Once installed on the property outside the factory, however, the actual production exceeded these estimates – sometimes by more than 15% of the forecasted output. The wind turbines offset CO₂ emissions at the plant by at least 16 million pounds annually.



PROJECT HIGHLIGHTS

Environmental Benefits

CO₂ Offsets: 16,176,975 lbs annually
CO₂ Equivalent: 1,412 cars removed from the road annually

Technology

GE: 1.7-100
Turbines: 2

System Size

3,578 kW (DC)