

Full-scale Dynamic Wireless Power Transfer and Pilot Project Implementation





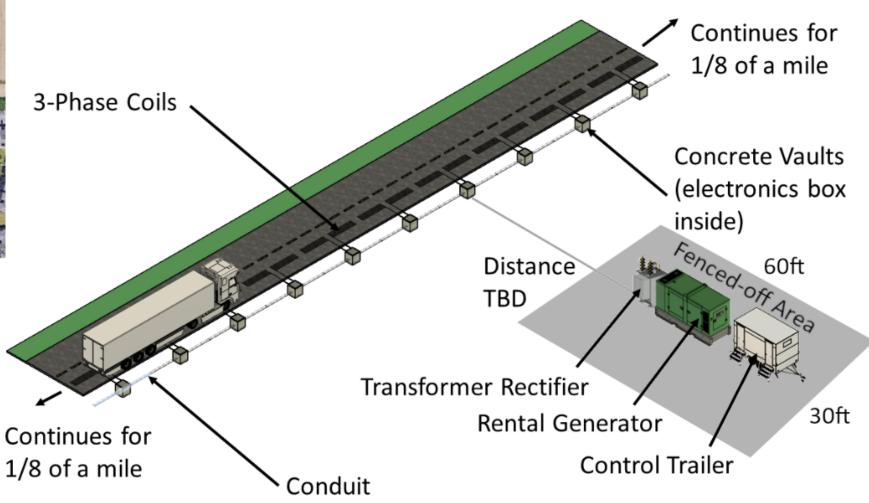
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Indiana Pilot Concept (Ongoing)

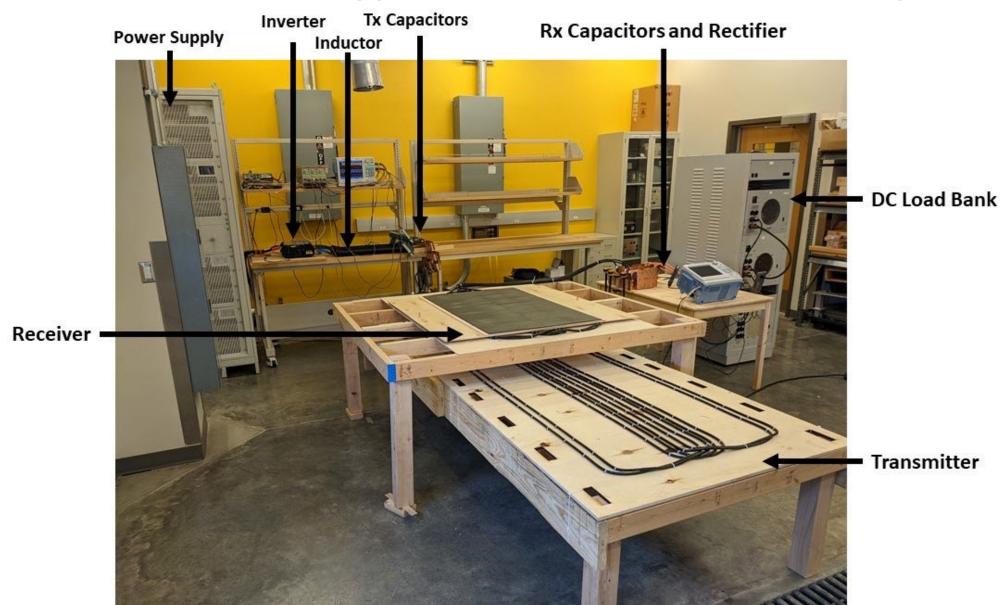


US-231





220-kW Prototype at Purdue EE Laboratory



Structural & Thermal Testing in APT (INDOT)





Key Takeaways

- Three-phase topology designed for constant power output, reduced voltage and current ratings
- Simple in-road installation
- No ferrite in roadway
- Meets international standards for field emissions (safe)
- Readily scaled across vehicle classes
 - Change length of receiver
- Interoperable with static topologies
- Financially feasible, if adopted at scale by HDVs

