

# Wireless Power Transfer System

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## Background

Energy can be obtained directly without wires as a link

#### Methods

- HFSS for antenna simulation
- Inductive Coupling for Short range
  WPT
- Radiative Technology for Long range WPT

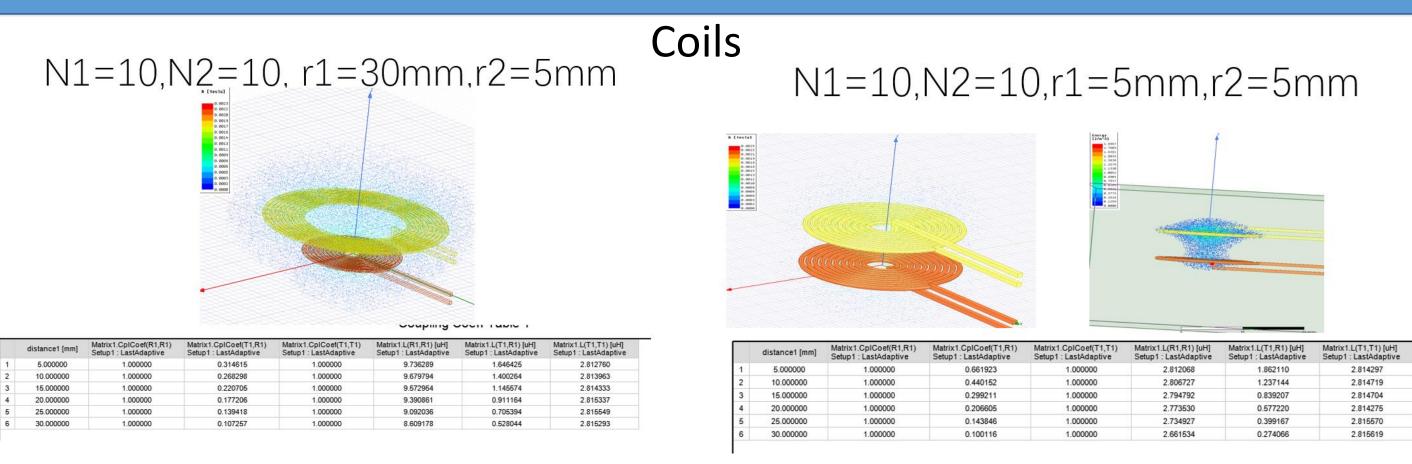
#### **Result & Conclusion**

- The range of Inductive coupling is still limited
- Antenna is good in simulation but has no real test data
- High frequency waves can cause health side-problems

## Acknowledgments

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### Simulation & Models



#### Antenna array

