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Economic Analysis of Commercial Idling Reduction Technologies: Which idling reduction system is most economical for truck owners?

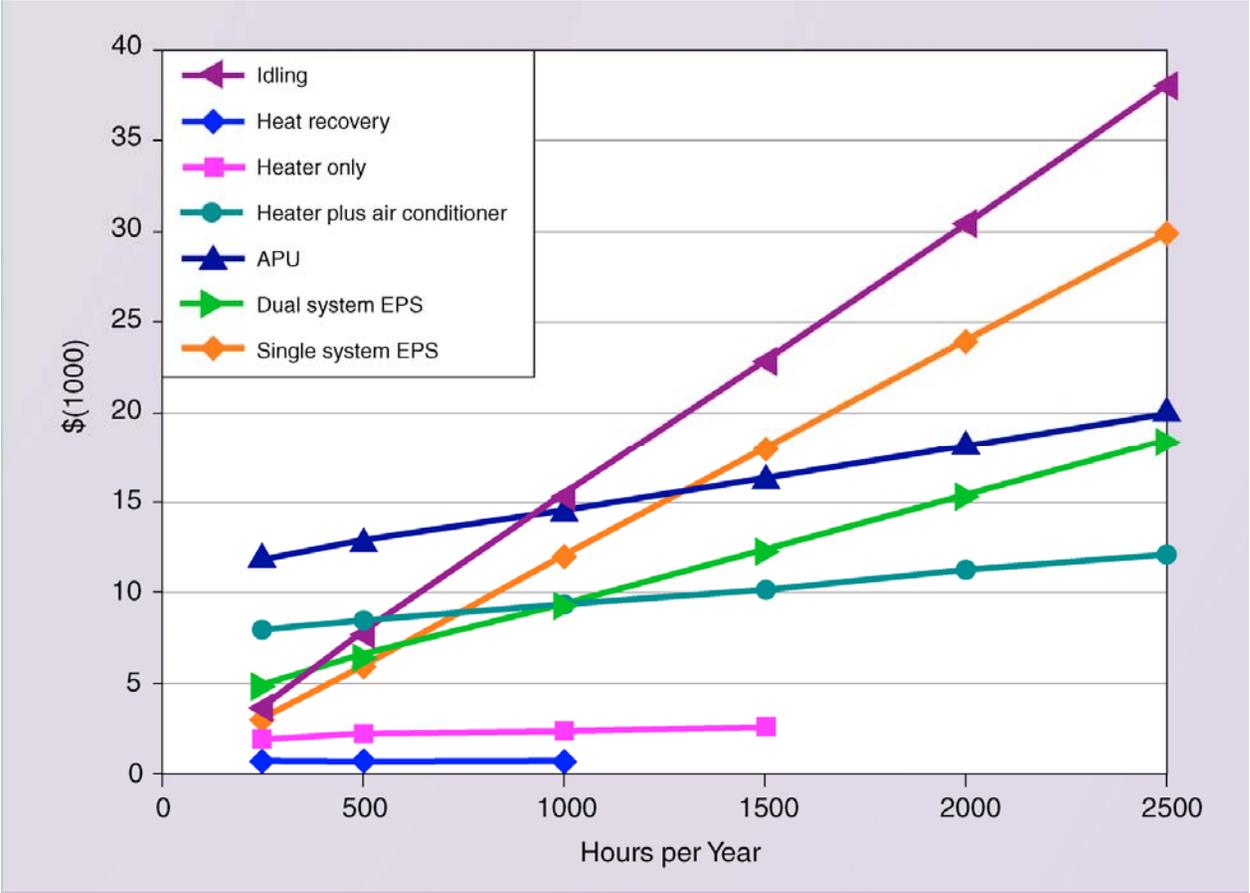
**Ontario Exhibit Hall, Level 3
Location P-17**

**Linda Gaines and Danilo Santini
Center for Transportation Research
Argonne National Laboratory**

**Diesel Engine-Efficiency and Emissions Research (DEER) Conference
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Our analysis can help truck owners choose the most economical equipment.

- *Increased interest in idling reduction led to proliferation of suppliers and devices, with conflicting claims about their financial merits.*
- *Worksheet allows truck owner to calculate payback time.*
- *Benefits are sensitive to fuel price, device cost, and hours idled.*



Cost to Owner for 6 Years Operation (\$3/gallon diesel fuel)