

Welcome to Idle Reduction Technology An Easy Win



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Lime



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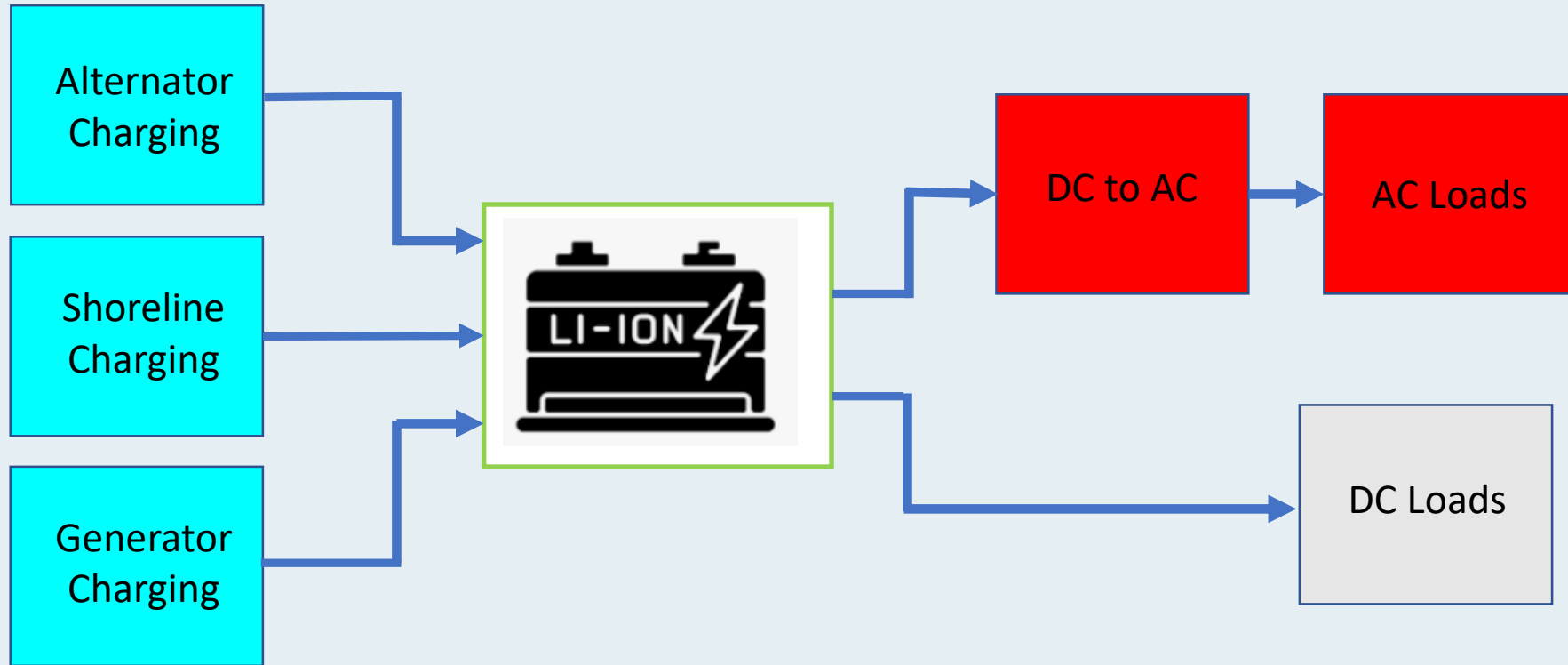


 **SUSTAINABLE
FLEET
TECHNOLOGY**
CONFERENCE & EXPO 2022









IRT: What are the parameters?

- How much power do you use in stationary mode, sitting idle?
- Am I using a PTO when sitting idle?
- What type of devices are being powered up at idle?
- How long do you sit idle at one jobsite or scene
- Do you return back to the shop or garage frequently between jobs
- How long between jobs
- How far do you travel between jobs

IRT: Case Study: Fire Truck

- The typical life cycle of a fire truck is 17-years
 - Trucks burn 1.65 gallons per hour at idle
 - 730 hours of idling per year (2 hours / day)
 - \$5.00 per gallon for diesel fuel
 - = \$6022 fuel savings per year
- \$6022 x 17 years = **\$102,374 lifetime fuel savings**



IRT: Case Study: Fire Truck

Total Economic Savings

- Fuel \$102,743
- Oil Changes Avoided \$.....
- Engine Repairs Avoided \$.....
- DPF regens Reduced \$.....
- DPF service Avoided \$.....
- **\$102,743++** total lifetime savings



