The CashBack Lite

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PHEV Economic Benefits to Utilities, Consumers, and Environment

- **★ Dual Economic Benefits**
 - Increases Utility Revenues from Customers from Additional Consumption
 - ★ While Lowering Consumer's Total Energy Bills (Gas at \$.60-\$1.00/gal Equivalent)
- **★ Spreads Utility Fixed Costs Over More kWh –**Lowering All Electric Consumer's Bills
- Reduces GHG by up to 27%
- Reduces Dependence on Foreign Oil by 52%
- Reduces Urban Air Pollution by up to 80%

CashBack Hybrid (V2G) Electric System Benefits

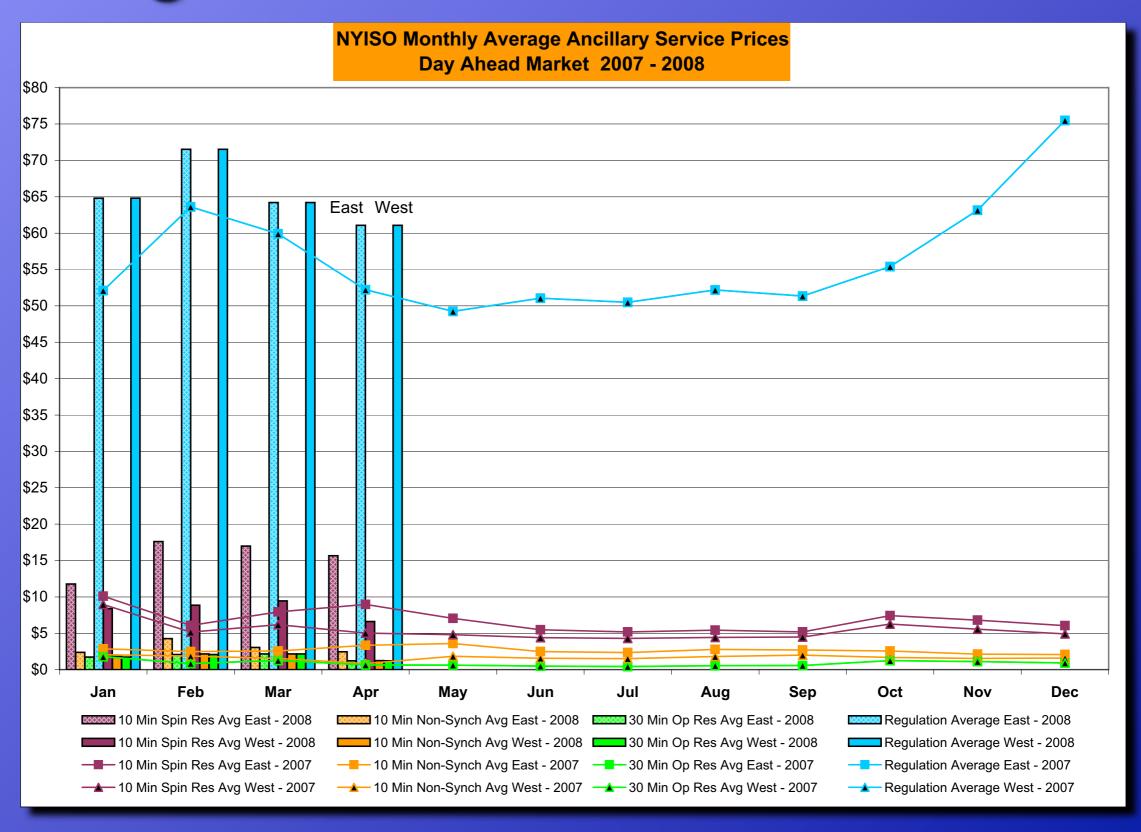
Efficient Grid Management

- Ancillary Services (Spinning Reserve & Regulation)
- Dispatchable Reactive Power
- Peak Demand Services (Demand Response)
- Reduced Operating and Planning Reserves
- Distribution/Substation Level Support
- Reduced Line Losses
- Improved Power Plant Efficiency
- Improved Load Factor
- ★ Storage & Integration of Renewable Power
 - Wind & Solar
 - Load Following
- **★** Emergency Power Supply
- ★ Electric Transit Support

CashBack Hybrid (Lite) Electric System Benefits

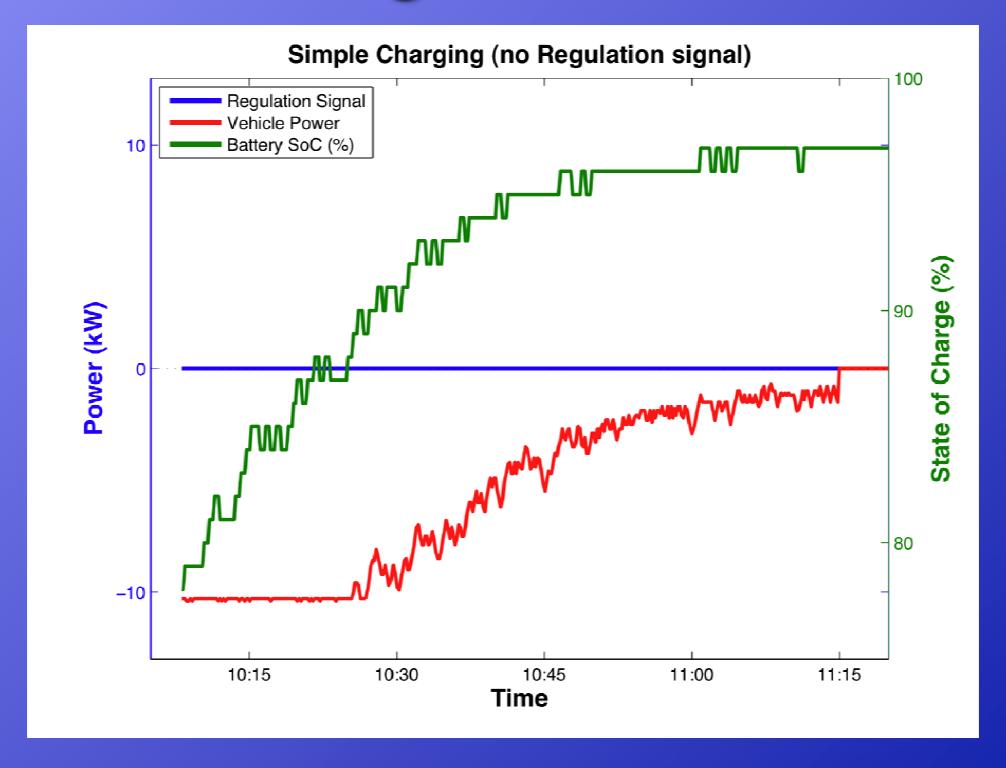
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Grid Regulation Services

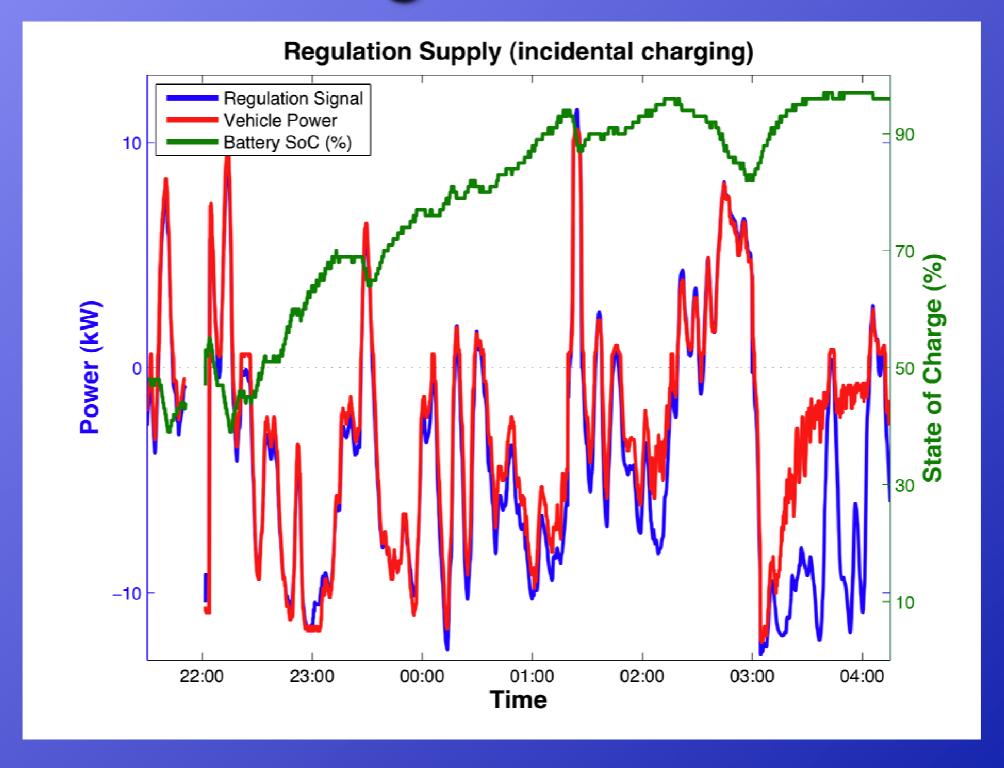




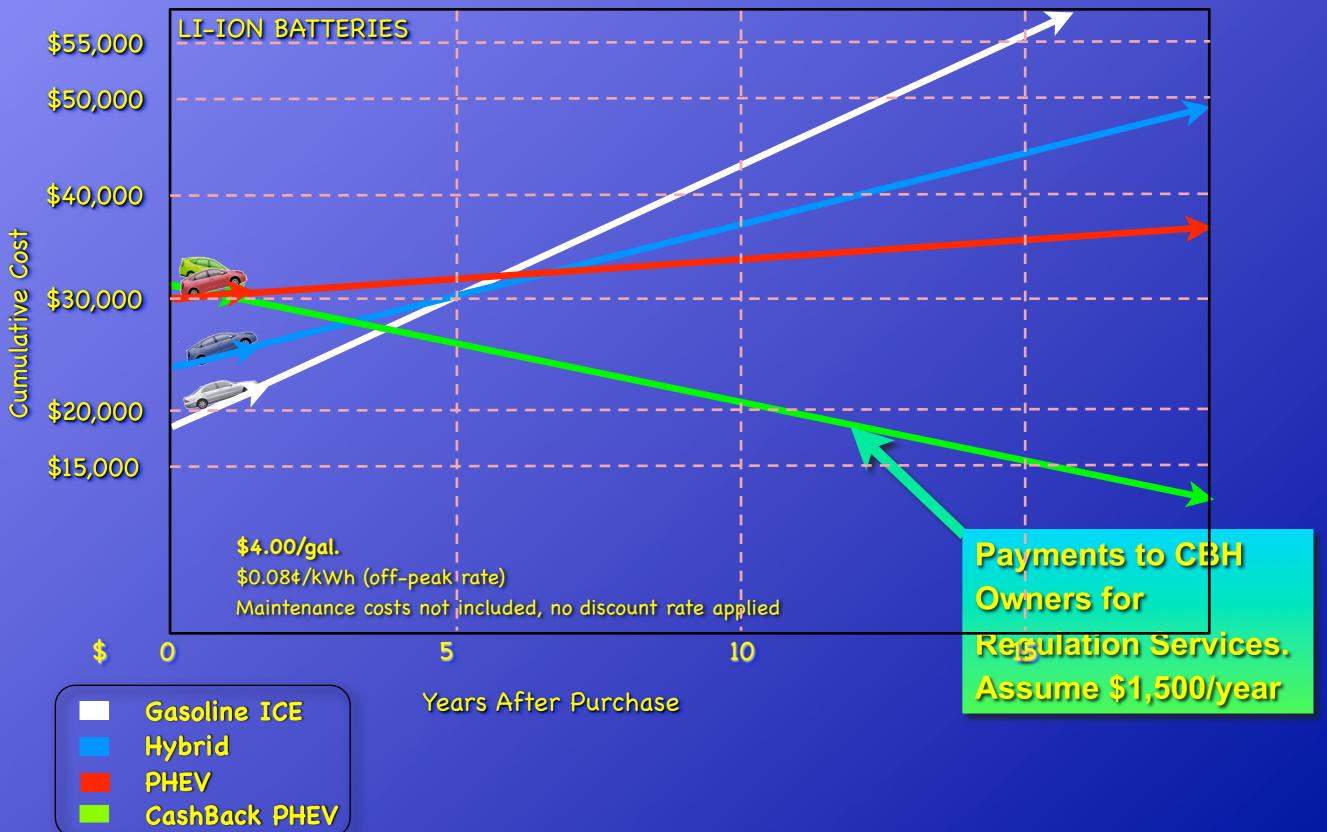
V2G for Grid Regulation Services



V2G for Grid Regulation Services



The "Cash Back" in CashBack Hybrid



Conclusions

★ The CASHBACK Hybrid:

- Will Save Their Owners Money on Their Total Energy Bills
- Will Cost Less Than a Conventional Gasoline Car in 4 Years or Less of Ownership (Incorporate Savings into Financing to Lower 1st Costs)
- Will Improve the Overall Efficiency of the Electric System and Save All Consumers on Their Electric Bills
- Will Reduce GHG and Urban Pollution
- Will Reduce Foreign Oil Imports
- Will Improve Electric Grid Reliability and Security