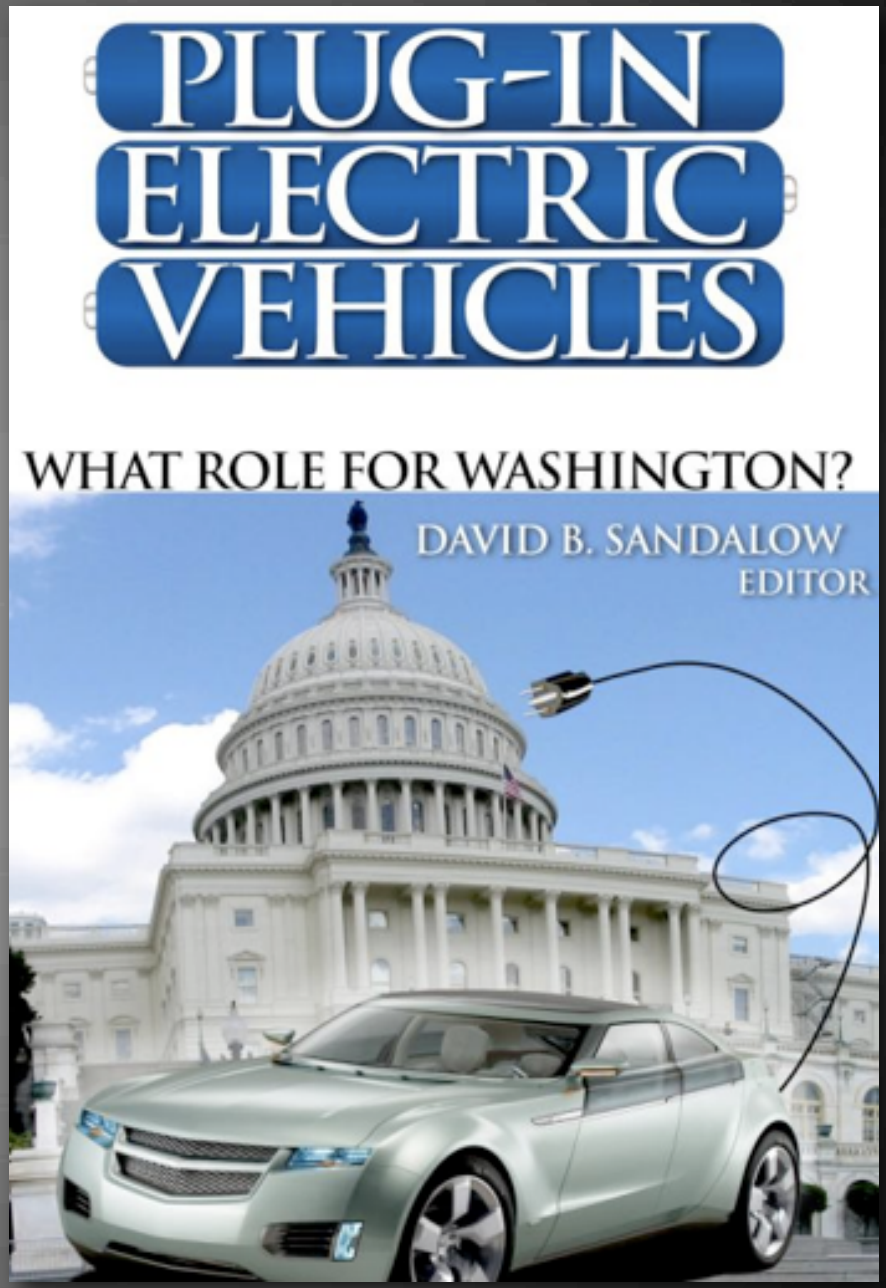
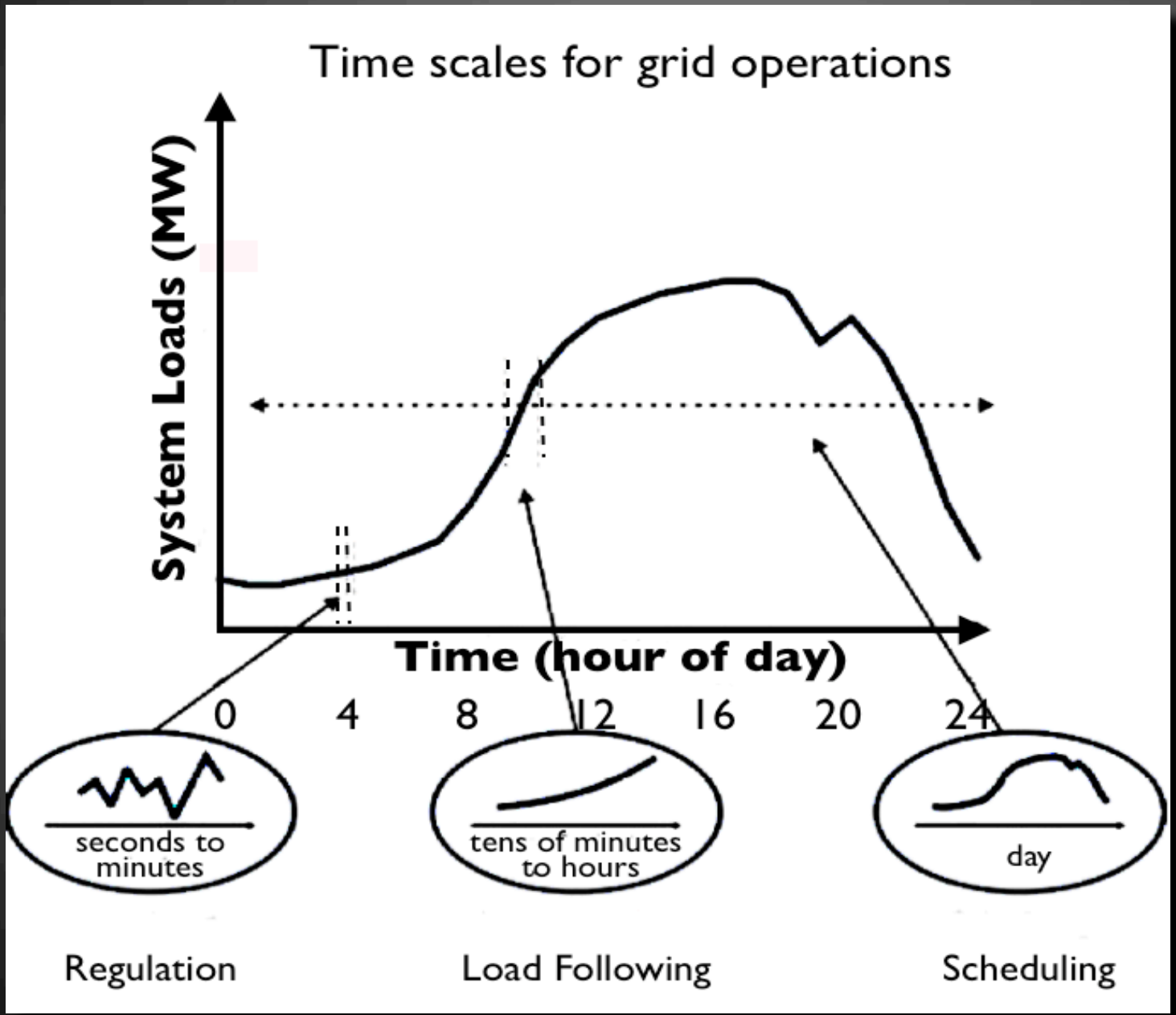
Jon Wellinghoff

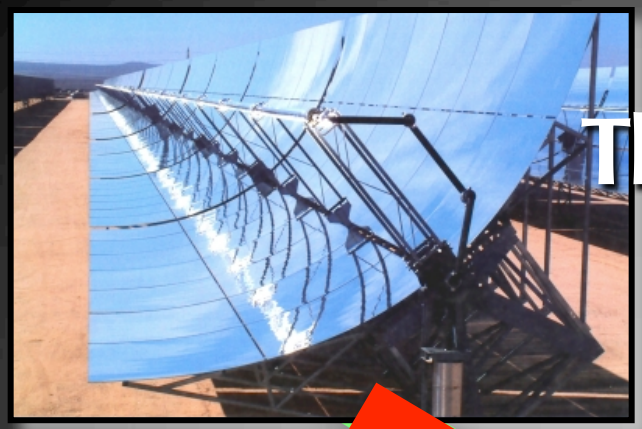
Federal Energy Regulatory Commission

September 23, 2009

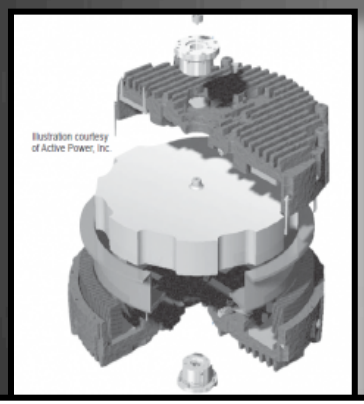


Regulation Services



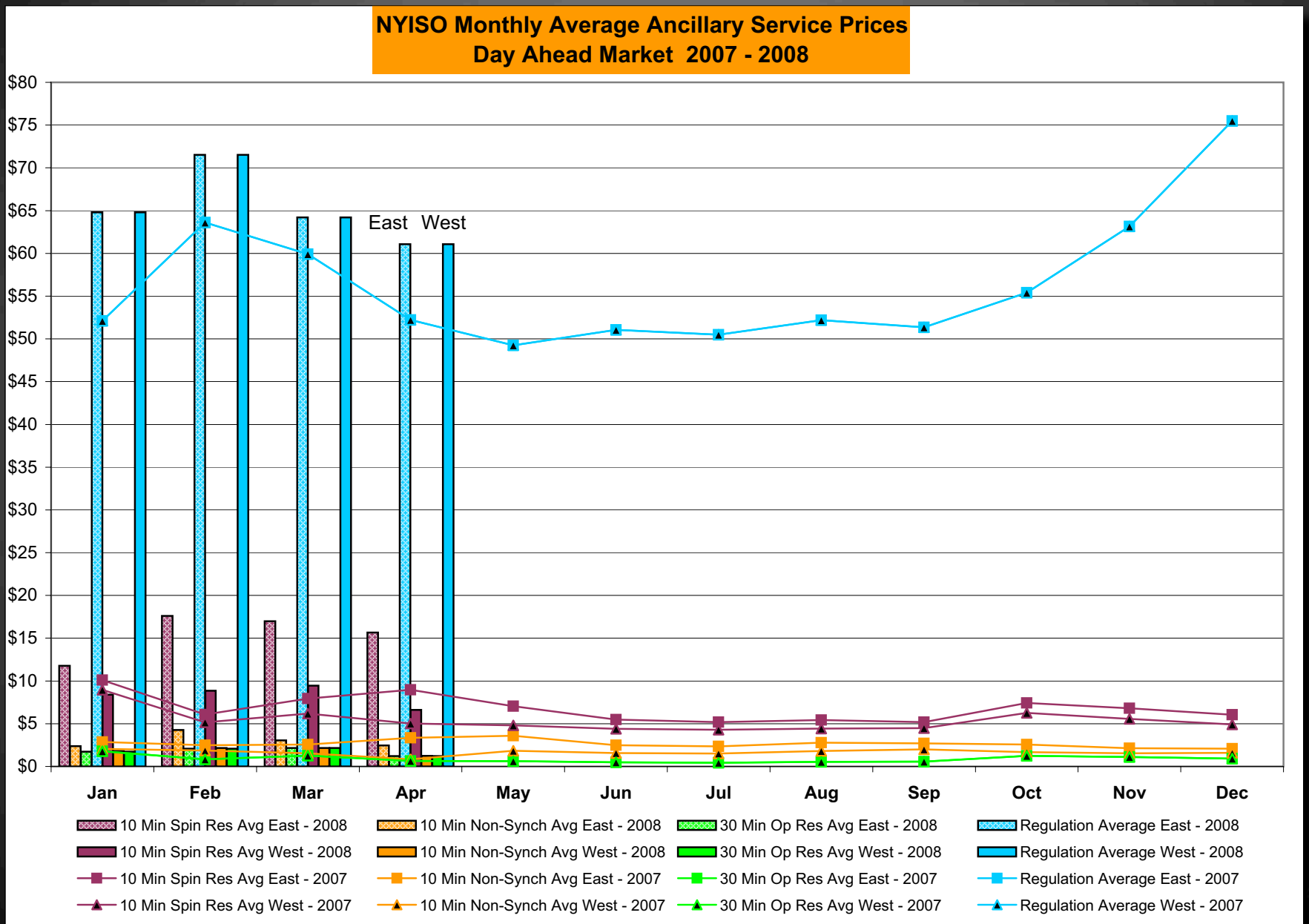


The More of This



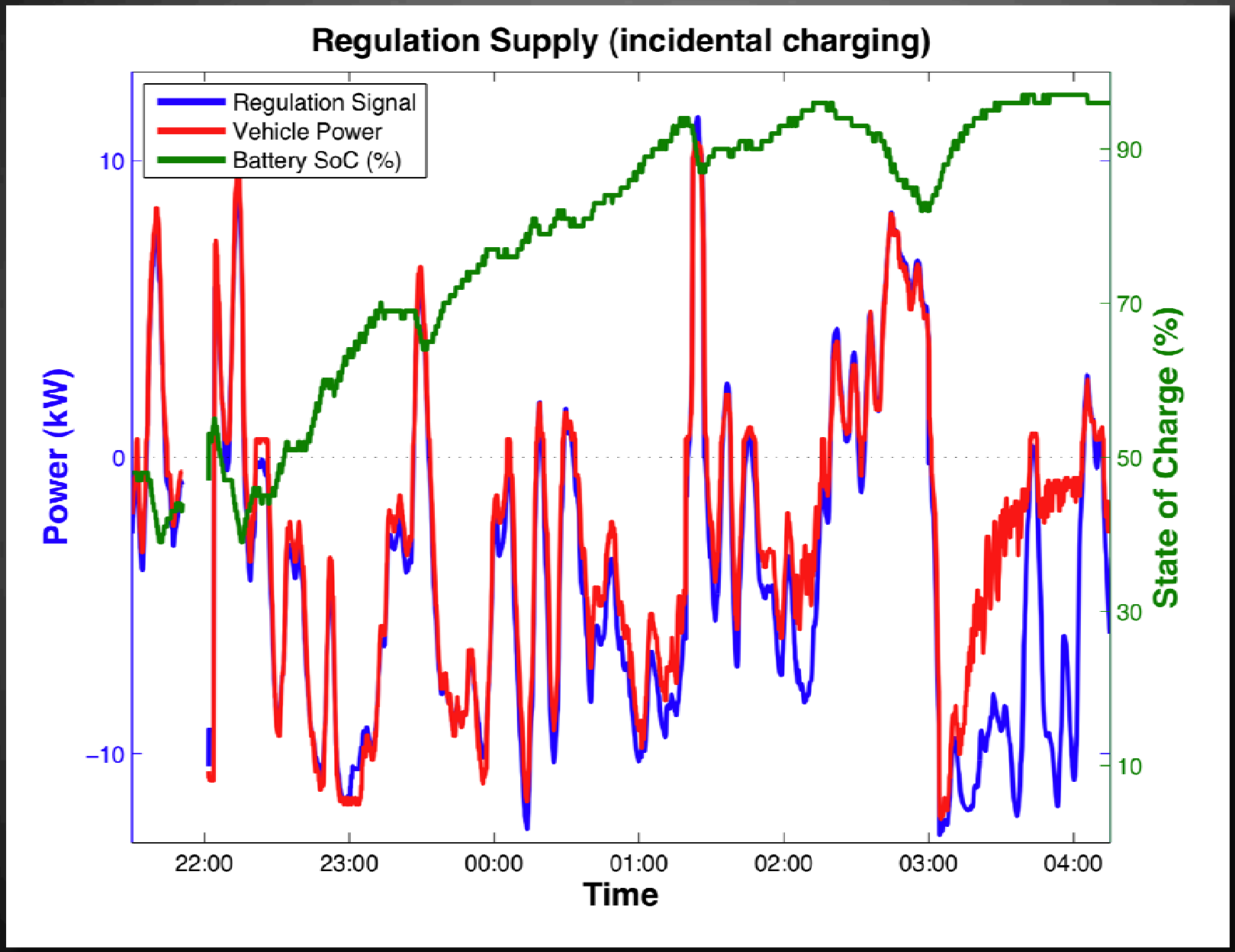
The More We Need Regulation Services

Value of Regulation Services

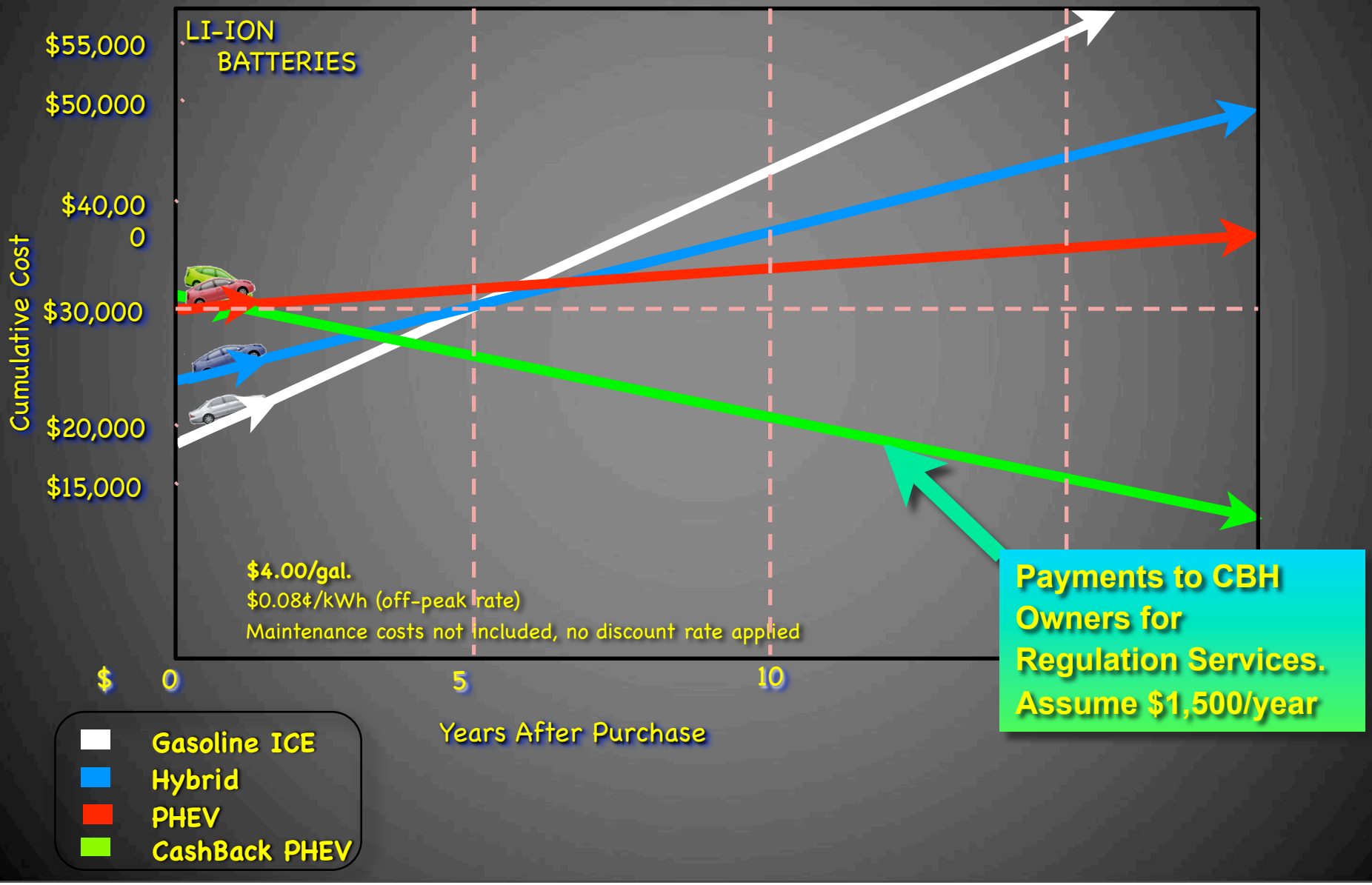


Demonstration of Regulation Services

Providing Regulation Services While Charging



Regulation Service Payments- Cash in the "CashBack" Hybrid



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**

Conclusions

- **The CashBack Hybrid Will:**
  - Save Their Owners Money on Total Energy Bills
  - Cost Less Than a Conventional Gasoline Car on a Life/Cycle Basis in 4-6 Years Depending on Gas and Electric Prices
  - Improve the Overall Efficiency of the Electric System Saving All Electric Customers Money
  - Allow Maximum Renewable Interconnection to Grid
  - Reduce GHGs and Urban Pollution Even if Electricity Source Primarily Coal
  - Reduce Foreign Oil Imports
  - Improve Grid Reliability and Security


Thank
You