



NAFA®
Fleet Management Association



***Fleet Solutions
for Fleet Professionals***

What Is NAFA?

Not-for-profit
membership society
serving the needs of
those practicing the
art and science of
automotive fleet
management



*What AMA is to
doctors, NAFA
is to fleet.*



FPL[®]



UCDAVIS
AGGIES

Who Is NAFA?

- More than 3,200 Members and Suppliers across the US and Canada, in every state and province
 - Average fleet size: 2,100 vehicles



What Does NAFA Do?



Networking

70+ programs in 5 business lines



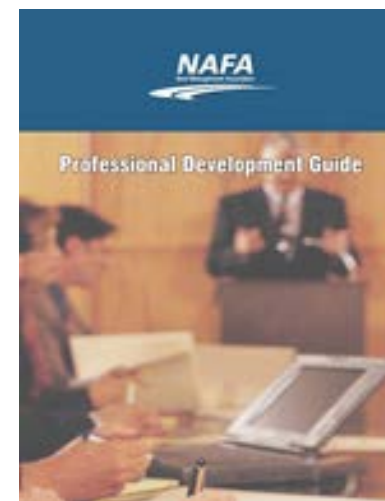
Continuing Education



Advocacy



Publications



Resources, Info, Data

Why Are We Here Today?

NAFA[®]
Fleet Management Association

To Provide Real-Life, Fact-Filled Information



**REPUBLIC
SERVICES**



**UC DAVIS
AGGIES**



FPL[®]





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Florida Power & Light Fleet Alternative Fuel Program

**Claude Masters, CAFM
April 1, 2014**

FPL's experience with electric vehicles is extensive and we operate one of the largest green utility fleets in the nation

FPL's Light-Duty Fleet – Current Status

- FPL has been operating battery electric vehicles (BEV's)/plug-in electric vehicles (PHEV's) since the 1990s**
- FPL currently has 28 cars/light trucks (5%) classified as pure BEV**
- FPL currently has 35 cars/light trucks (6%) classified as PHEV**
- FPL currently has 497 cars/light trucks (85%) which are classified as hybrid electric vehicles (HEV)**

Note: Percentages above are with respect to the total FPL light duty fleet



We currently have 11 different models of EV/PHEV/HEV in our Fleet today and have recently standardized our acquisition strategy



FPL operates one the largest hybrid electric bucket fleets in the nation and is recognized as an industry leader

FPL's Medium-Duty Fleet – Current Status

- **First utility to put a medium-duty hybrid bucket truck into service in 2006**
 - Deployed first plug-in hybrid electric bucket truck in 2008
- **FPL currently has 74 hybrid buckets in operation which is 9% of the bucket truck fleet. This number will jump to 17% in 2014**
- **FPL currently has five Navistar E-Star and 10 Ford EV Transit Connects (BEV Vehicles)**



FPL Chaired The Working Group That Led The Development of Hybrid Bucket Trucks



FPL operates the #8 largest hybrid electric fleets in the nation and has been recognized by industry trade publications

FPL's Hybrid Electric Fleet Nationally Recognized

- **FPL Fleet has the #8 largest electric fleet in the nation as ranked by Green Fleet Magazine in their May/June 2013 publication**
- **FPL's 560 hybrid/electric vehicles represent 23% of the company's car and truck fleet**
- **2014 vehicle purchases will increase the percentage of hybrid/electric to 28%**



Hybrid/Electric vehicles are continuing to develop from a technology perspective as commercial applications gain acceptance



According to the DOE, FPL is one of the largest users of biodiesel in the southeast

FPL Biodiesel Program Highlights

- **FPL has 1700 trucks that run on B20 biodiesel**
- **FPL fleet burns 2 million gallons of B20 annually**
- **Use of B20 and HEV/PHEV/BEV vehicles reduced FPL's fuel burn by 565,517 gallons in 2011**
- **Reduced our carbon footprint by 5,000 metric tons of CO₂**



Use of biodiesel aligns with our corporate strategy to use renewable energy and reduce our dependence on foreign oil

Thank You