



## Fleet Management Department

# Electrification of Fleet General Policy Committee

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# Fleet's Transition to Electric Vehicles

- Fleet has budget to purchase six (6) Plug-In Electric Motor pool vehicles in FY 18. Another five (5) are budgeted for FY 19. This will complete the electrification of the pool fleets at City Hall and Thomas Center.
  - 2018 Nissan Leaf (NJPA Contract) \$ 25,756
  - Charge Point Station(Equipment & Installation-NJPA Contract) \$ 27,000
- Plug-in Electric Vehicles (PEVs) will lower fuel costs, maintenance, emissions, and the energy dollars will stay in our local utility.

# Fleet's Transition to Electric Vehicles

- Almost 27,000 Electric Vehicles are registered in the State of Florida.
- Preserving Florida's environment as well as being one of the proactive cities in Florida to support and help promote electric vehicles.
- Potential to qualify for State and Federal funding due to meeting the emissions/energy/alternative.
- On November 28, 2017 the State of Florida elected to become a beneficiary under the Volkswagen Environmental Mitigation Trust Agreement.

# Fleet's Transition to Electric Vehicles

- City of Los Angeles predicts it will save 40% in operating costs as compared to internal combustion engine vehicles of the same class.
- Savings on fuel will directly effect how fuel prices change.
- Vehicle cost including purchase of a charging station will be approximately 3 times the cost as an internal combustion engine vehicle.

# Fleet's Transition to Electric Vehicles

## ■ Recommendation:

Schedule a broader discussion of EV's with representatives from Public Works, GRU, and community partners to include:

- Location of charging stations;
- Public use of charging stations;
- Renewable energy/solar charging stations; and
- Potential partnerships.