

# **CNG REFUELING STATION REQUIRED EXPANSION**

Fleet Services Department

# CNG Refueling Station

## Required Expansion

- Station Expansion

- 28 additional Time-Fill CNG Dispensers
- Contract amount \$250,000



CNG

# CNG Refueling Station

## Required Expansion

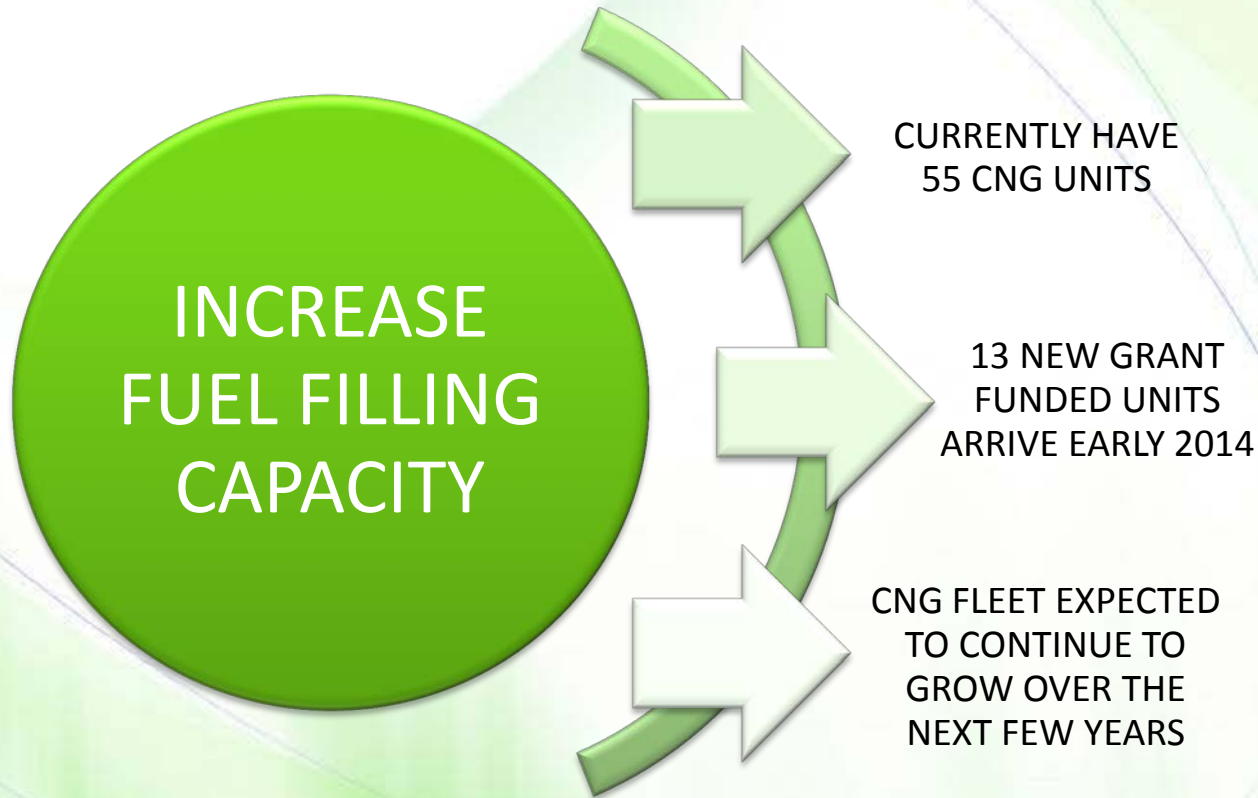
- Existing Refueling Station Dispensers
  - One dual fast-fill
  - 28 time-fill





# CNG Refueling Station

## Required Expansion



# CNG Refueling Station

## Required Expansion

- Trillium CNG 10/13/06 RFP
  - Design, Construct, Install
- + 10-year Contract
  - Operate, Manage, Maintain
- Contract Expires February 2018
  - One 5-Year Extension Option
- Station Upgrade Provision
  - Accommodate more vehicles



# CNG Refueling Station

## Required Expansion

### CNG Expansion

- Trillium sole provider  
Certificate of Exemption executed and filed with CPO
- Patent on technology
- Only known provider of this technology
- Warranty concerns and liabilities  
on use of different type of fuel dispenser equipment
- Trillium software provides individual metering  
of each time-filling post
- Software gives Fleet the capability to meter the volume  
of fuel used by each truck

# CNG Refueling Station

## Required Expansion

- Cost Savings

- Trillium compensated by
  - Set volume dispensed
  - Additional throughput volume discounts

- GGE Discount

- Expect to dispense twice the volume
- Reducing GGE .14¢
- \$31,900 savings annually



# CNG Refueling Station

## Required Expansion

### CARBON NEUTRALITY

NO<sub>x</sub> Reduction  
= 6.78 tons  
annually

Reduction of  
33.90 total tons  
over 5-year  
vehicle life



**CLOSER TO 2020 GOAL**