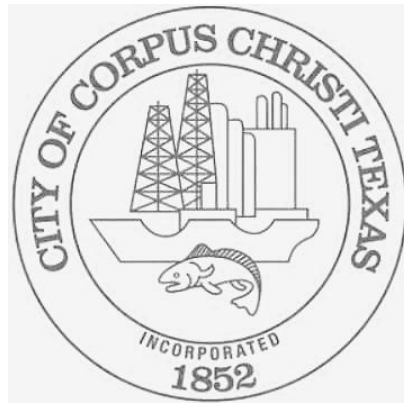


City of Corpus Christi Compressed Natural Gas (CNG) PROGRAM



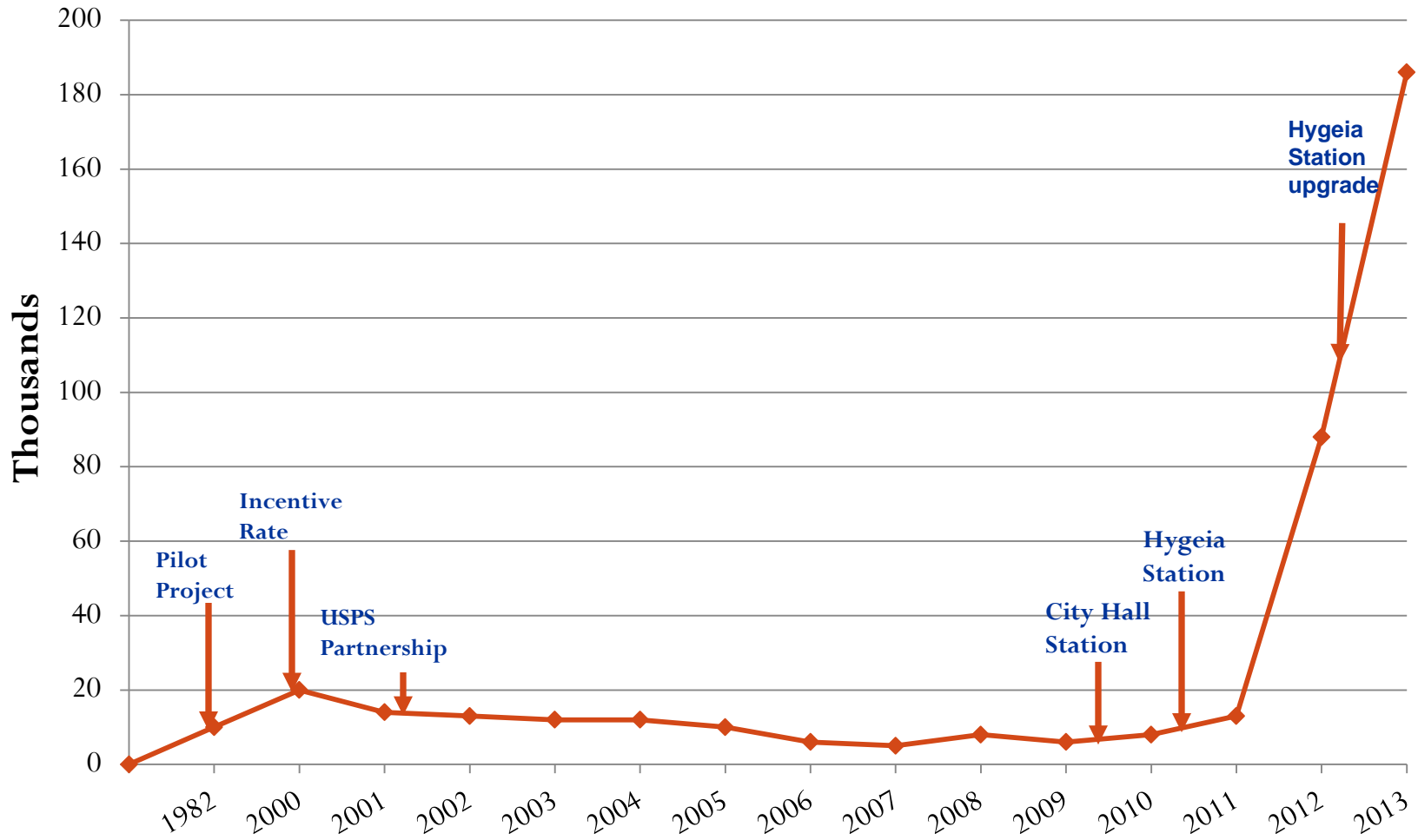
“To establish an economically sustainable CNG market in
Corpus Christi”

Discussion Items

- History
- Standards
 - Reliability
 - Specifications
 - Economics
 - Exclusions
- Future
- Conclusion

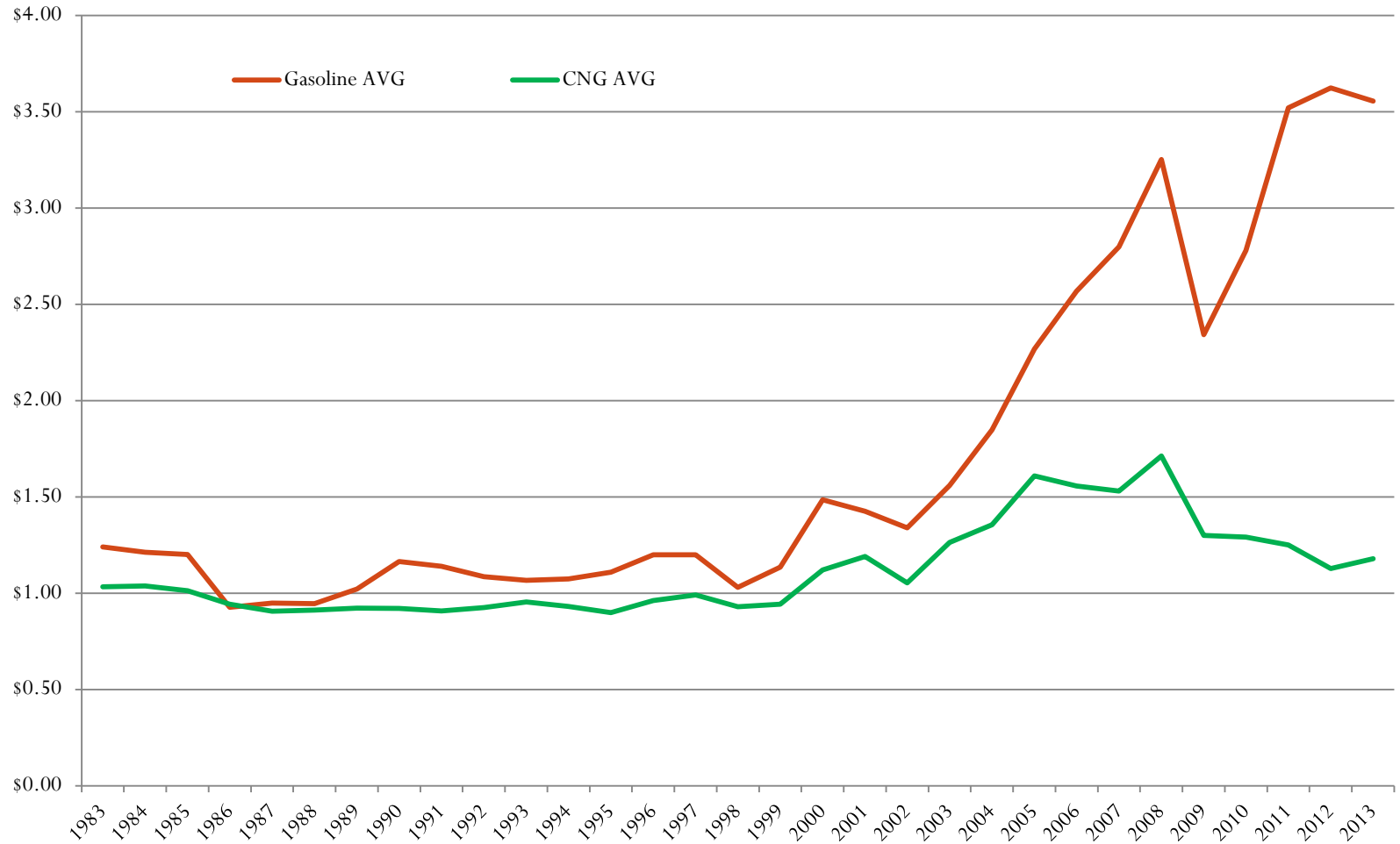
History

Historical CNG sales in equivalent Gallons



History

Historical price of CNG and Gasoline



Standard 1- Reliability

- Only **Original Equipment** from **Manufacturer** “OEM” will be purchased.
- Local dealership support must be available for OEM model.

Standard 2- Specifications

- Heavy duty vehicles are CNG dedicated only by design.
- Light duty vehicles are to be bi-fuel with CNG as primary fuel.

Standard 3- Economics

- Savings will exceed the costs of the additional investment.
- Additional costs can be financed over 5 years and paid for by annual fuel savings.
- Justification will be based on historical fuel usage of similar vehicle or equipment.

Standard 4- Exclusions

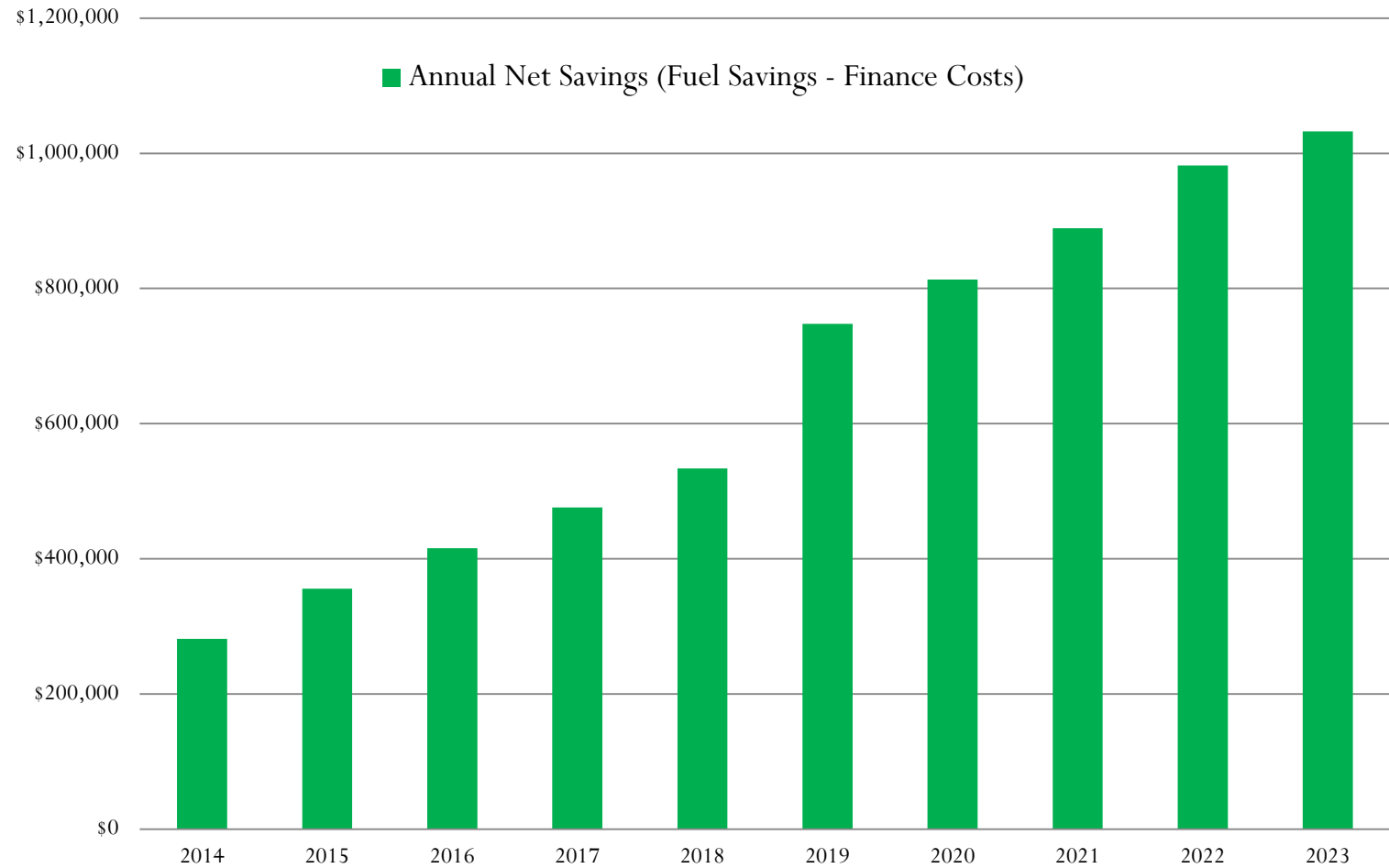
- Any vehicle request excluding CNG requires justification and written approval.
- Vehicle models not offered OEM CNG will be automatically excluded.
- Mission capability of the vehicle must not be disrupted.

Future Cost Comparison

Vehicle Model	Fuel Type	Purchase Cost	Maintenance	Fuel Cost	Total	Delta
1/2 Ton Pickup (10 year life)	Gasoline	\$23,000	\$6,572	\$24,879	\$54,451	\$8,743
	CNG	\$31,500	\$5,915	\$8,293	\$45,708	
3/4 Ton Pickup (10 year life)	Gasoline	\$24,000	\$8,640	\$31,260	\$63,900	\$11,704
	CNG	\$34,000	\$7,776	\$10,420	\$52,196	
Refuse Truck (7 year life)	Diesel	\$280,000	\$247,719	\$232,992	\$760,711	\$132,760
	CNG	\$327,340	\$222,947	\$77,664	\$627,951	

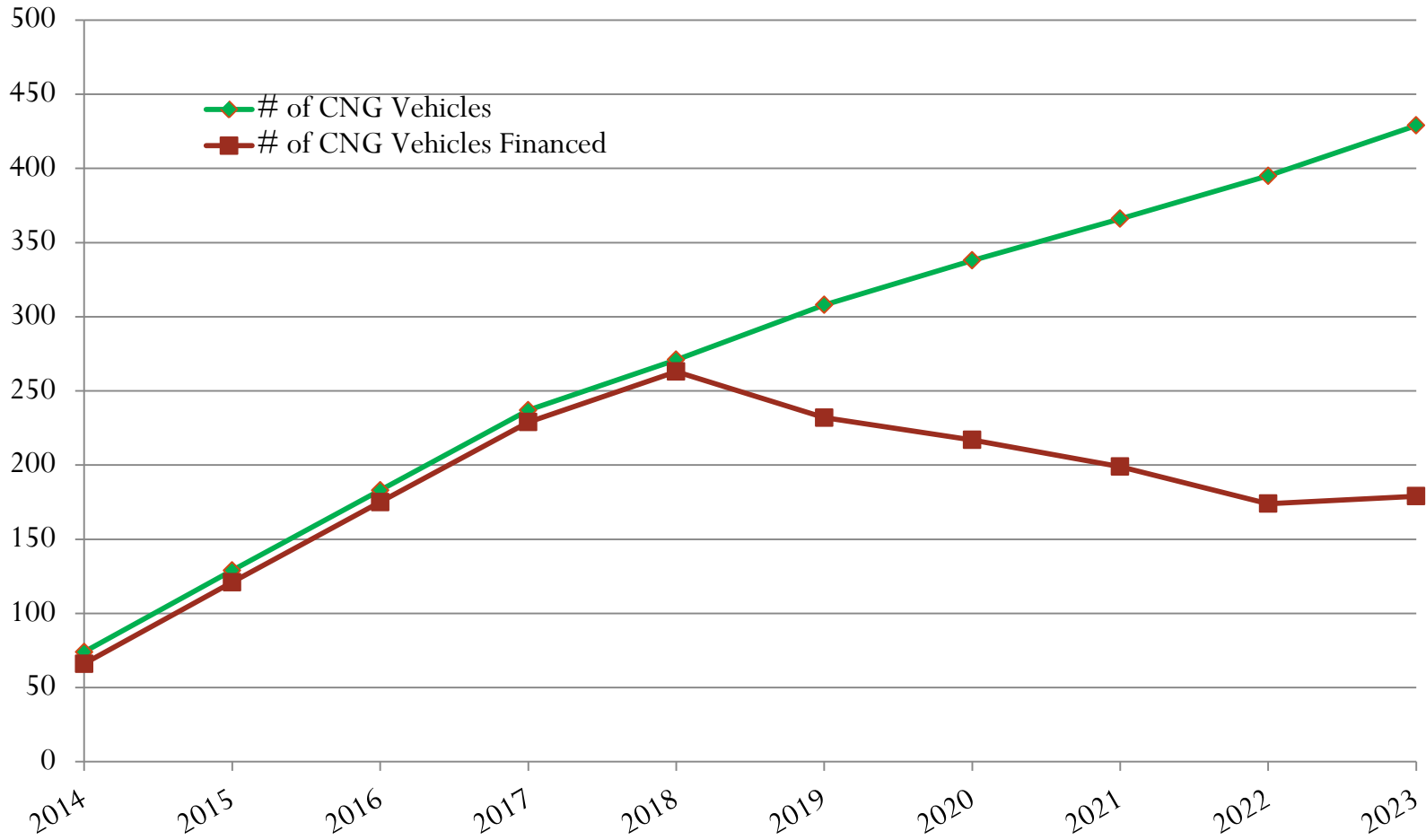
Future

Estimated fuel savings due to program over 10 years



Future

Total CNG vehicles and number financed over 10 years



Conclusion:

- City will purchase CNG vehicles whenever purchase is in alignment with established standards.
- Departments can use fuel savings to expedite vehicle replacement with CNG vehicles.
- Emission reductions can range from 10% to 20% per vehicle.