

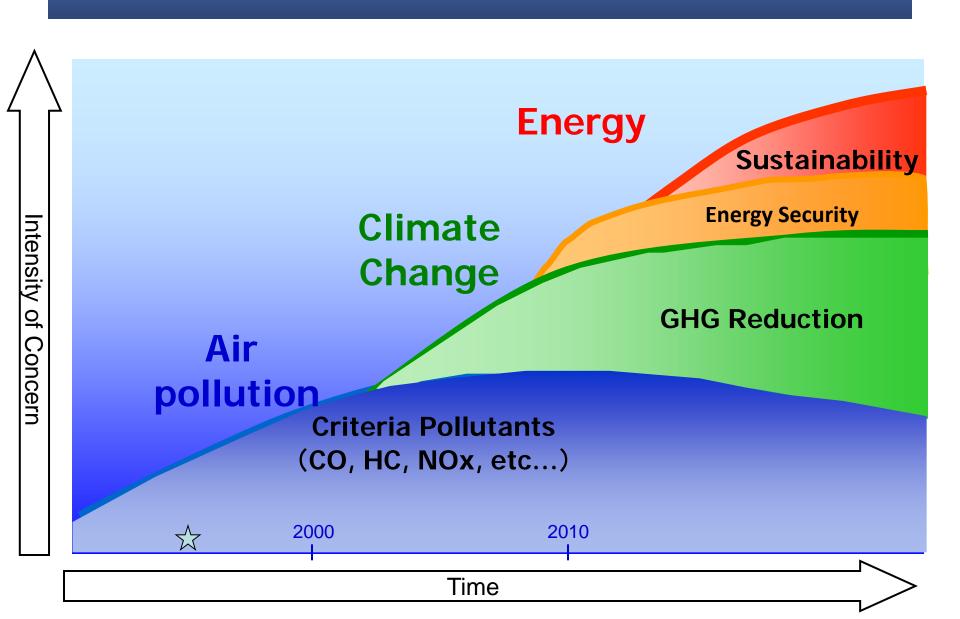
#### American Honda's Civic Natural Gas

Southern California Gas Company Light-Duty Natural Gas Vehicle Conference Energy Resource Center, Downey, CA September 25, 2012

American Honda Motor Co, Inc. Annabel Cook AFV Sales & Marketing



#### Transition of Environmental Issues



#### Honda Portfolio of Alternative Fuel Vehicles

BENEFITS TO SOCIETY

Gasoline-Electric Hybrids

Insight

Plug-in Hybrid Electric Vehicles

A RYBRID

**PHEV Concept** 

Battery Electric Vehicles

Hydrogen Fuel Cell Electric Vehicles

Natural Gas Vehicles



**Civic Natural Gas** 



Fit EV



**Clean Gasoline** 



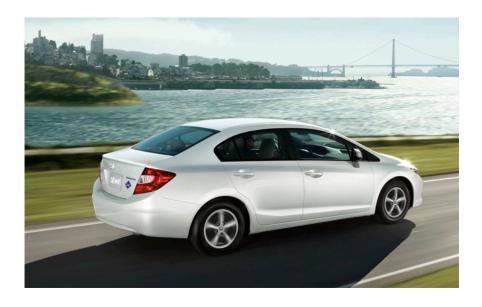
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#### Honda Natural Gas Vehicle

# CIVIC













### 2012 Civic Natural Gas Vehicle - Specifications and Pricing

- •110-hp, 1.8-liter i-VTEC® 4-cylinder engine
- 5-speed automatic transmission
- Eco Assist™ system
- 27 / 38 / 31 City/Hwy/Combined EPA MPG
- MacPherson strut front suspension
- Multi-link rear suspension
- 15-inch alloy wheels
- Six airbags
- Advanced Compatibility Engineering<sup>™</sup> (ACE<sup>™</sup>) body structure
- Vehicle Stability Assist<sup>™</sup> (VSA®) with traction control
- Security system with remote entry and trunk release
- Intelligent Multi-Information Display (i-MID)
- Bluetooth® HandsFreeLink®
- Multi-reflector halogen headlights with auto-off
- Air conditioning with air filtration system
- Cruise Control
- Tilt and telescopic steering column
- Center console with armrest and storage compartment
- Headlights-on reminder

- Map lights
- Floor mats
- 160-watt AM/FM/CD audio system with 4 speakers
- USB Audio Interface
- Bluetooth® Streaming Audio Capability
- MP3/auxiliary input jack
- MP3/Windows Media® Audio (WMA) playback capability
- Radio Data System (RDS)
- Blue backlit gauges
- Digital speedometer
- Instant fuel economy indicator
- System message indicator
- Two-tier instrument panel
- Available Honda Satellite-Linked Navigation System<sup>™</sup> with Voice Recognition, XM® Radio,

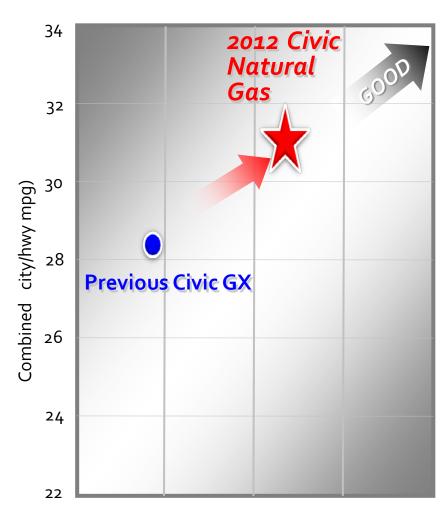
## FM Traffic and <u>CNG refueling station POI</u> mapping

- Price
  - Base Model \$26,305
  - Navigation Model \$27,805

### 2012 Civic Natural Gas Vehicle – Technical Improvements

• Improved driving range and acceleration for 2012 model





Previous Civic GX 2012 Civic Natural Gas

Acceleration 0-100km/h (sec)

## Honda Civic i-MID (intelligent Multi-Information Display)



#### **Dash Display**

- Fuel Gauge
- Speed
- Real-Time Fuel Economy

#### i-MID

- Bluetooth info
- Audio info
- Range / Avg FE
- Temp / Miles / Time



## Honda Voice Activated Navigation

- Voice Command "Find nearest CNG station"
- Bluetooth phone integration

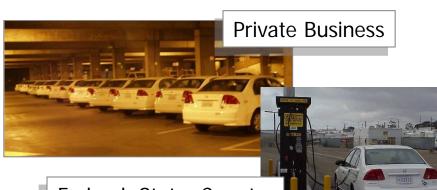


#### World's Cleanest Taxi Cab!









Federal, State, County Governments







## Honda Manufacturing Indiana















Honda America Manufacturing - Ohio: 1998 ~ 2010

**Honda Manufacturing Indiana - Indiana: 2011 ~ Today** 

- Full assembly line production

## **Energy Security Focus**



### Summary

- Dedicated technology
  - Lowest emissions
  - 100% fuel use / oil displacement
- Maximum incentives, when / where available
- EPACT Compliance
- Retail Sales Emphasis and Dedicated role:
  - Supports a national infrastructure
    - Guarantees fuel usage, gasoline displacement 1-1
    - Requires "bridging the gap" ie, SLC to Denver, Denver to St. Louis
- 15 year track record
- Dealership sales and service support expansion
- Field support staff

## **2012 AFV Field Sales Consultant Map**

