



CLARITY

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Progress of Environmental Efforts





FCV (Fuel Cell Vehicle)
EV (Electric Vehicle)
PHEV (Plug-in Hybrid Electric Vehicle)





Transition to next-generation energy

Dependence on fossil fuels

Zero-emission technology

Reducing CO2 emissions

Global warming

Electrical efficiency technology

Air pollution

Cleaner exhaust gas

Thermal efficiency technology



2017 North American Environmental Report



- CO2 reduction targets:
 - Reduce 30% by 2020
 - Reduce 50% by 2050
- 90% Design for Recyclability
- Landfill waste cut 87% from 2020

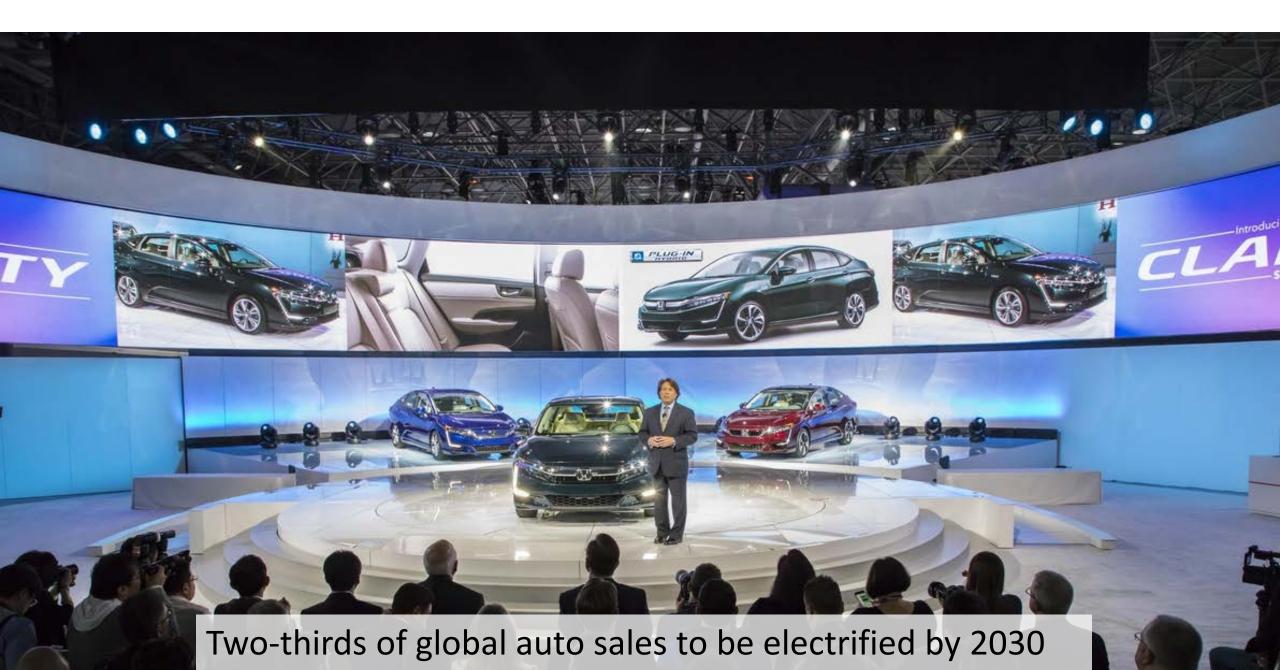




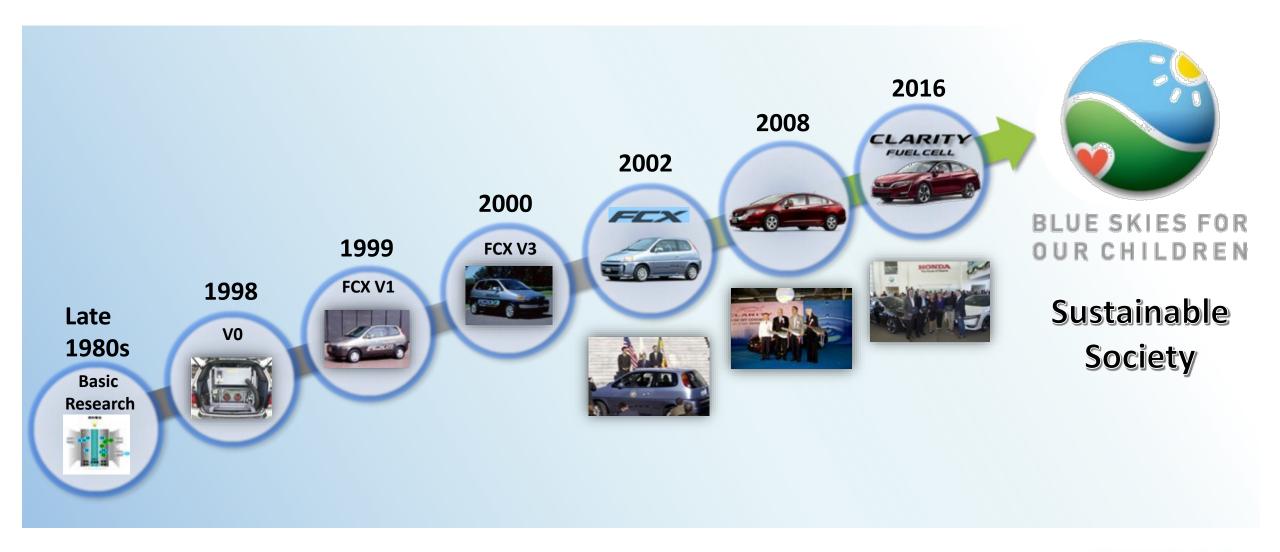




Honda Electrification Initiative



Honda Fuel Cell Vehicle History











1st Clarity Deliveries – Dec. 19, 2016

1st Bay Area Clarity Delivery – Feb. 6, 2017





Honda led the industry in leasing FCVs to individual customers

FCX Clarity customers' honest feedback and requests urged us to develop the all-new Clarity Fuel Cell

"Sedans should have five seats"

"Features are lacking"

"Cruising range is short"









No Compromise Packaging





Comfortable sedan package design focused on space for people



Fuel Cell powertrain under the hood

Comfortable 5-passenger sedan packaging

Top-class cargo space for FCV sedan



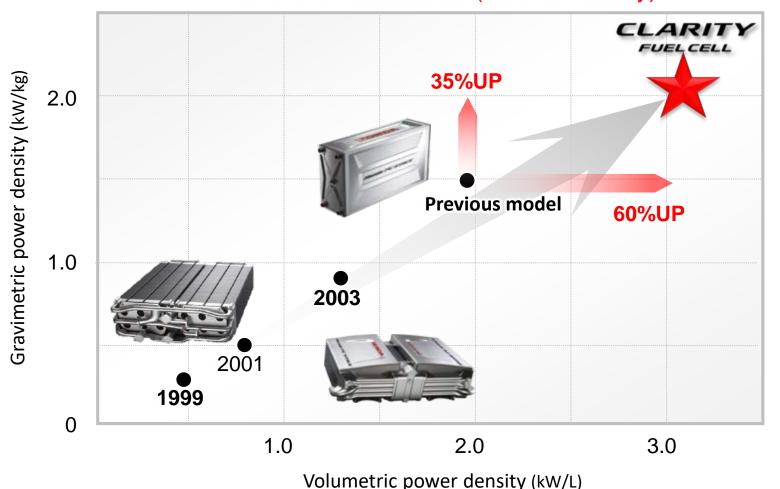
Compact Fuel Cell Powertrain





→ Evolution of downsizing fuel-cell stack

33% smaller (vs. FCX Clarity)





Reduction in size enables stack to be positioned under the hood



"Having everything expected of a sedan"



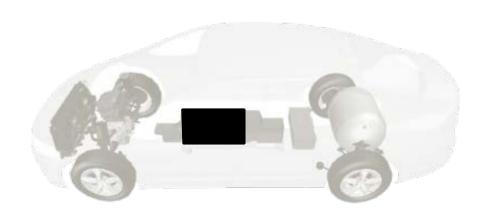
Previous Model Length Wheelbase Height Width New Model Length Height Wheelbase Height Width





→ Downsizing drive unit: reduction in height

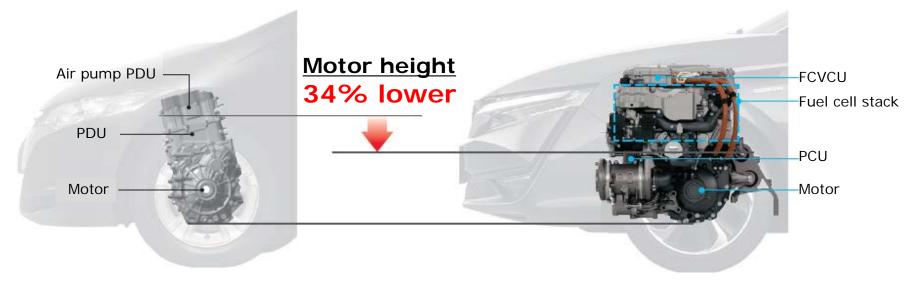
FCX Clarity (previous)





Clarity Fuel Cell (new)





Powertrain

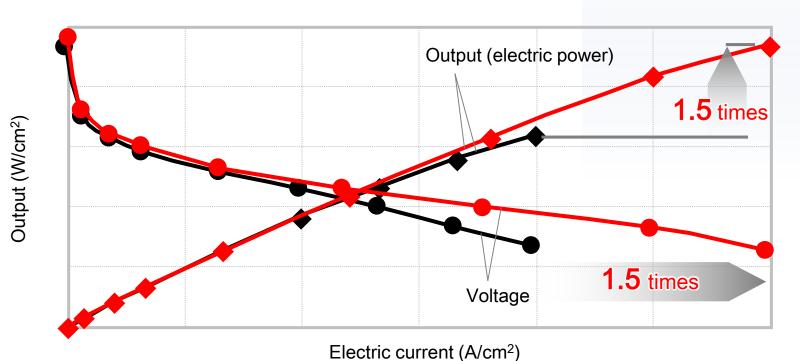


Cell voltage (V)



→ Downsizing fuel-cell stack: output per cell (electric power)

Generation performance ⇒ No. of cells: of each cell: 1.5 times Reduced by 30%





New modelPrevious model





World's first FC powertrain installed under sedan hood

System configuration



Fuel cell stack

33% more compact

Drive unit

Drive motor, gear box, power control unit-integrated system

Newly-developed FC



ck. itage. ause of a SiC

er (FCVCU)

Hydrogen supply system

Air supply system

Electric turbocharger-type air compressor

Air supply pressure: 1.7 times compared to previous model





Compact powertrain → equivalent to V-6 powertrain

→ Size comparison

Fuel cell powertrain

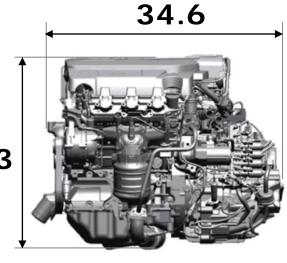
27.6

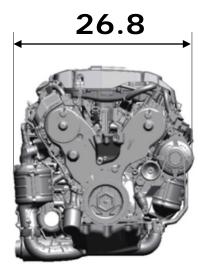
34.1

24.5

V-6 powertrain
*Honda 3.5-liter gasoline engine

28.3





(in inches)







Front air curtain



Rear air curtain



Rear tire cover



*World's first vehicle with air curtain ducts on rear doors

*Based on Honda research as of Feb. 2016

Continuous Linear Acceleration



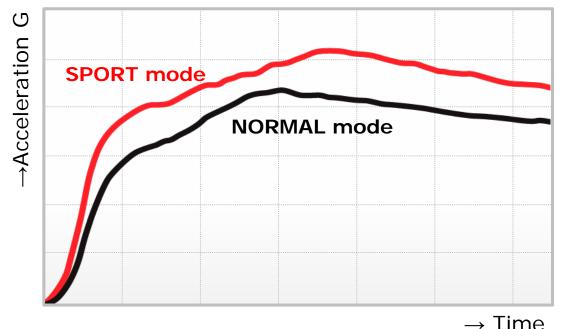




SPORT mode Direct feel, responsive acceleration

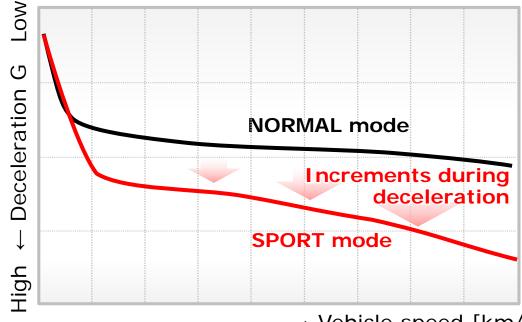
NORMAL mode Easy to use in daily driving

Acceleration G characteristic (Accelerator opening angle 50%)



More direct and immediate response to pedal application

Deceleration G characteristic



→ Vehicle speed [km/h]

Improved response during regenerative braking using motor after pedal is released

Marketing

CAMPAIGN THEME: "ALWAYS THINKING ABOUT TOMORROW"

At Honda we're always thinking about tomorrow. That's why we built not one, but three of our most advanced vehicles ever, to help set a clear path toward a more sustainable planet.





Billboard Marketing Competition – A World's First!





Honda Clarity Billboard – 405 Fwy

Toyota Mirai Billboard – 405 Fwy

Customer Outreach: Ride-and-Drives = Sales & Waitlist





Clarity Fuel Cell Price and Features





PRICING AND DETAILS

\$369/mo

Lease Payment (\$2,868 Due at Signing)

20,000Miles per Year

\$15,000

Fuel Allowance

21 Days
Luxury Car Rental

\$5kState CA Rebate

FEATURES

- Smart Start and Entry
- Remote Start
- Navigation w/ H2 station info
- HUD
- 12-speaker Premium Audio
- Dual-zone Auto A/C
- Large 8.0" Display Audio
- Bluetooth
- 2- USB Audio Interface
- Pandora/SMS Capability
- XM and HD Radio
- Heated Front Seats
- Backup Camera
- Steering wheel audio controls
- Cruise control
- HomeLink
- TFT Gauge Cluster



SAFETY

- Honda Sensing™
- LaneWatch™
- VSA
- Side Curtain Airbags
- Side SRS
- Knee Airbags

EXTERIOR

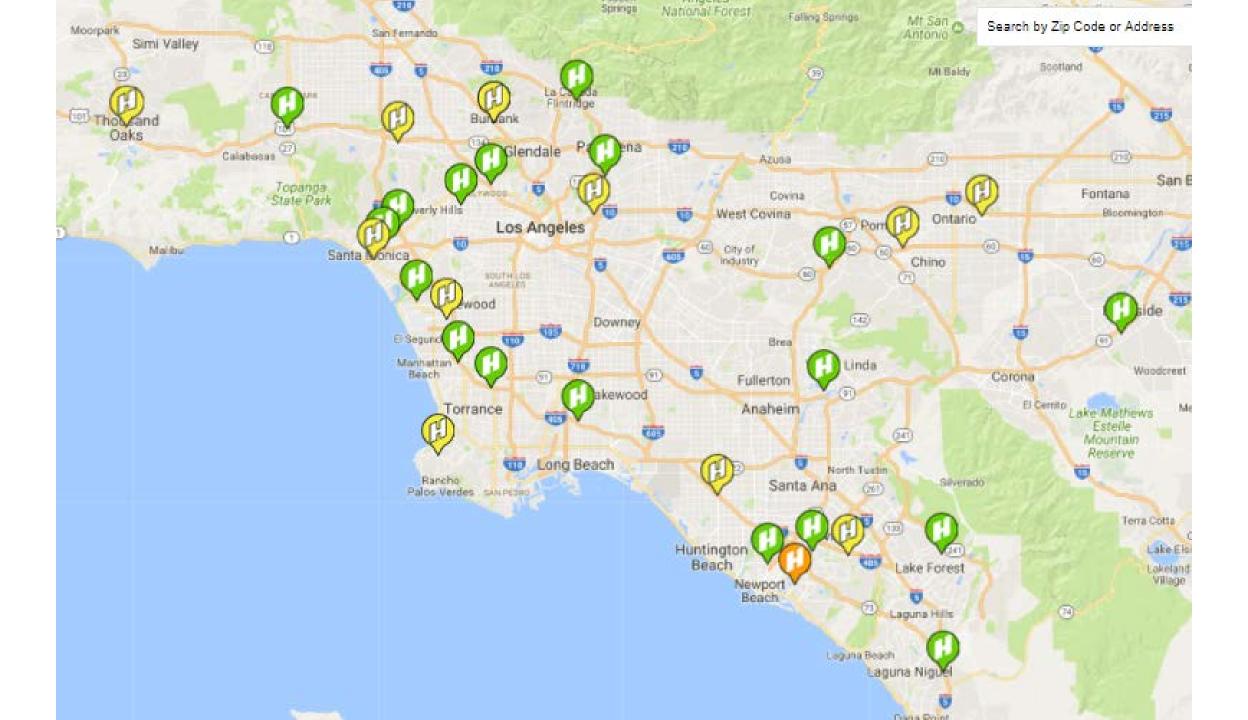
- 18" Alloy Wheels
- LED Headlamps and DRL
- Auto On/Off Headlamps
- Chrome Door Handles
- Auto Wipers
- LED Tail Lamps
- Security w/ Remote Keyless
- Heated Side Mirrors
- Variable Intermittent Wipers
- Black Contrasting Roof

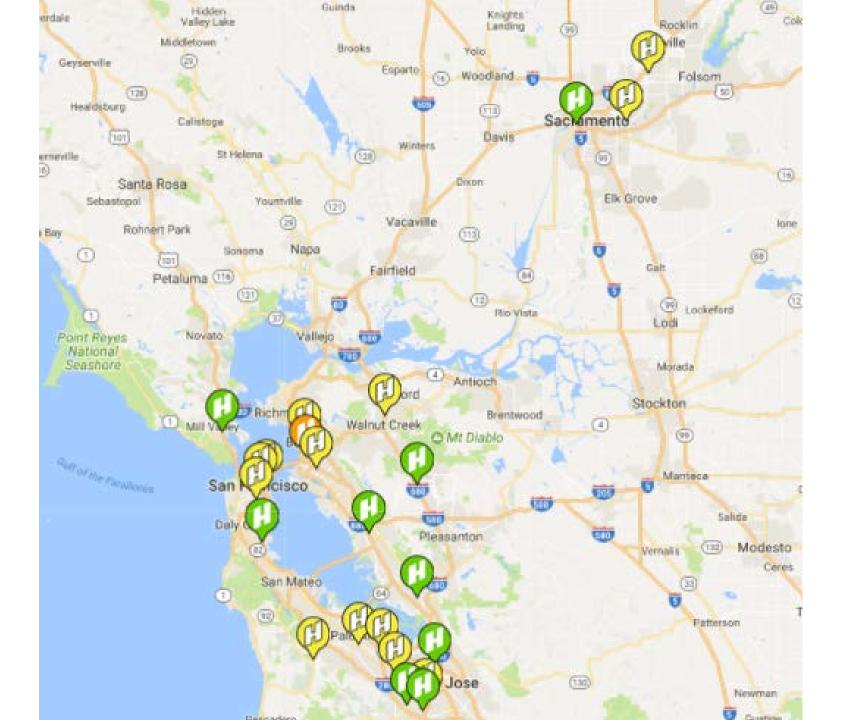
INTERIOR

- Leather Seats
- 8-way Power Driver Seat w/ Memory
- 4-way Power Passenger Seat
- Leather-wrapped Steering wheel
- Electronic Parking Brake
- Rear A/C Vents
- Auto Dimming Rearview mirror
- Ultra suede interior accents
- Soft Touch IP and Doors Panels
- Floor Mats
- Sunglasses holder
- All Windows Auto Up/Down

Supporting Growth of Hydrogen Infrastructure

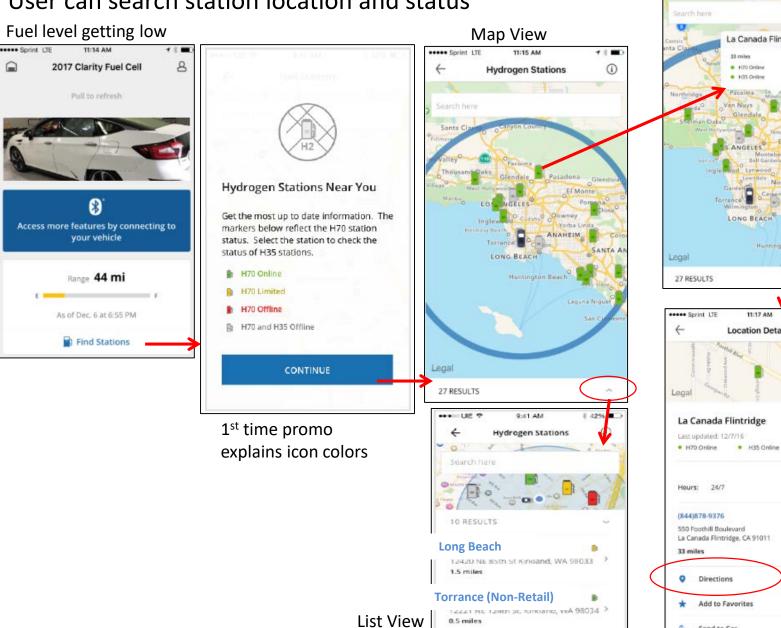




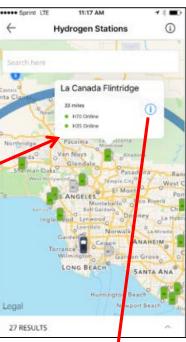


FCV Hydrogen Fuel Station Search

User can search station location and status



Santa Monica



Location Details

Directions

Send to Car

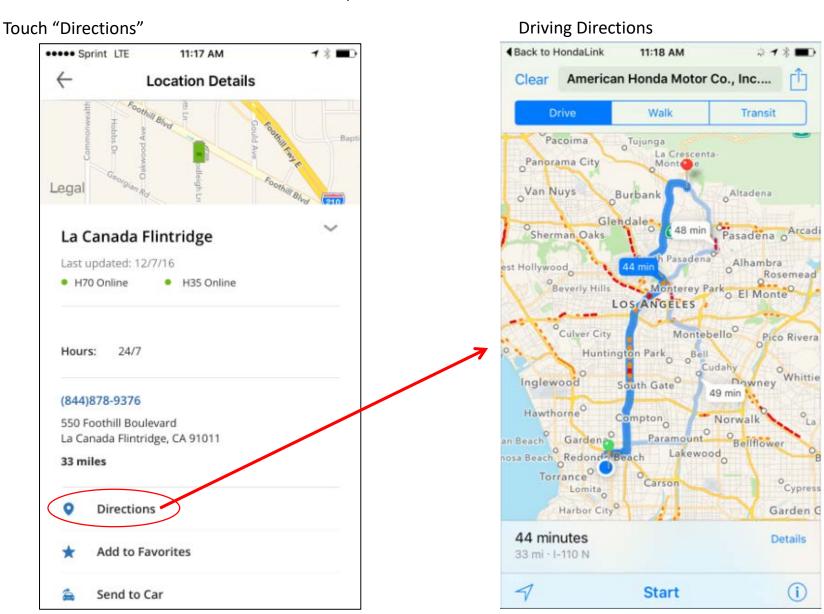
Add to Favorites

Station **Status**

Station Detail

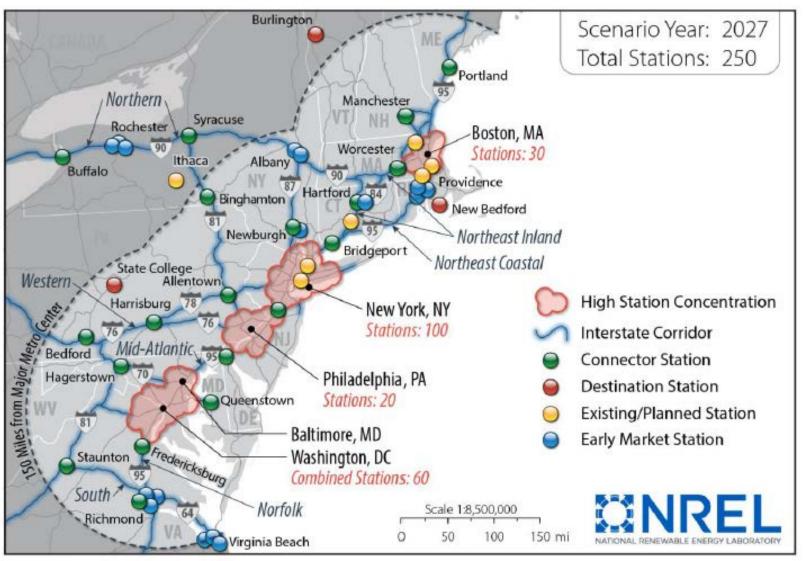
FCV Hydrogen Fuel Station Search

User can search station location, status and DIRECTIONS!!



H2USA Siting Refueling Stations in Northeast

Northeast Network "first 250" in 2027





Station Opening Events











The Power of Dreams