







NISSAN GREEN PROGRAM 2010

Nissan's environmental ideal is a society where there is a 'symbiosis of people, vehicles and nature.' In working towards this goal, Nissan has established specific targets in its eco-action plan: 'Nissan Green Program 2010.'



NISSAN GREEN PROGRAM





NISSAN'S APPROACH TO THE ENVIRONMENT

Seeking to attain a sustainable mobile society, Nissan is taking a proactive approach to finding solutions to environmental challenges such as CO2 reduction to mitigate global warming.





HISTORY OF NISSAN'S EV



- 15 years of experience in lithium-ion battery/car application
- Late CY2010 launch all new pure electric vehicle



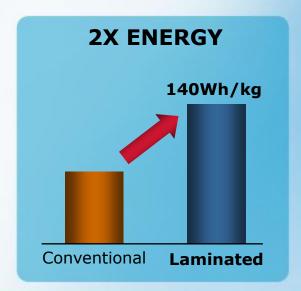


LITHIUM-ION BATTERY



- High reliability in automotive applications
- Ready for mass production

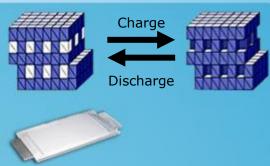






Achieved High Reliability

- High heat stability with the use of manganese positive electrodes
- Enhanced cooling performance by lamination





MAJOR INVESTMENT IN BATTERY TECH











NISSAN AND NEC JOINT VENTURE - AESC - STARTS OPERATIONS 12.0 billion yen investment to mass produce advanced lithium-ion batteries

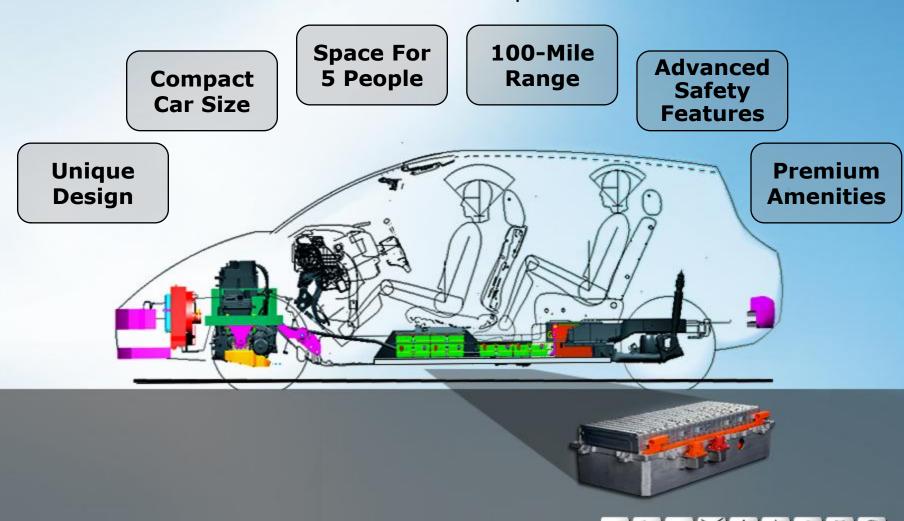
TOKYO (May 19, 2008) – Nissan Motor Co., Ltd., NEC Corporation, and its subsidiary NEC TOKIN Corporation, today announced that its joint-venture company – Automotive Energy Supply Corporation (AESC) – has begun full operations. AESC's start of operation follows the announcement of the joint-venture in April 2007.



THE NISSAN EV



All the feature customers have come to expect:



BENEFITS TO THE CONSUMER



- True zero-emission vehicle
- No price premiums
- Lower Total Cost of Ownership than a comparable Internal Combustion Engine
- Lower maintenance costs than an ICE vehicle (Less complexity, no engine, no oil changes)

Electric Vehicle DOE MPG rating: 367 mpg equivalent*

Cost per mile comparison (15k miles):

- Car (good 30mpg, \$4/gal) = \$0.13 per mile / \$1,950
- EV (high \$0.14 kWh) = \$0.04 per mile / \$600

Advantage exists even if gasoline drops below \$1.10/gal



^{*} DOE Code of Federal Regulations, Section 10, Part 474

CHARGING NETWORK CONCEPT



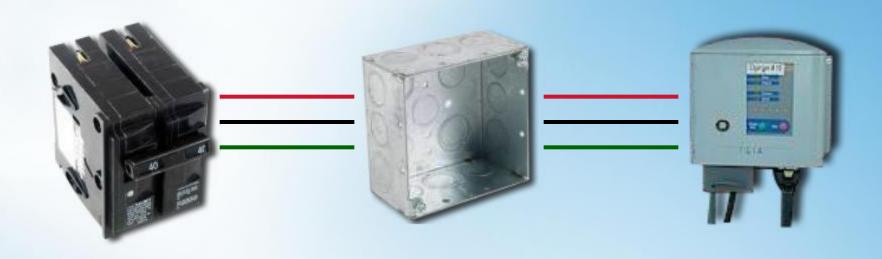
		Charging Network		
	Home Charging	Destination Charging	Pathway Charging	
EV Usage	Short Distance	Mid Distance Charger Charger	Long Distance Charger Charger	
Charger Type	Normal	Normal or Quick (depends on stay time)	Quick	
Charging Site	Home Office	Super Market, Mall Restaurant or Parking Lot	Major Road Highway Service Area	



LEVEL 2 – CHARGING CIRCUIT



- Special electrical work required to install, but 208/240V power is available at home and business
- To meet USA electric code the Level 2 EVSE must be "hard-wired" to the grid





WHEN WILL NISSAN'S EV BE AVAILABLE?



- Nissan will partner with select public and private organizations to make
 EVs available for fleet/commercial use in 2010 and 2011
- Regionally, individual retail sales may begin as soon as late 2010 if the infrastructure is ready
- EVs will be mass marketed to individual consumers in 2012

2008	2009	2010	2011	2012
	Today	SOP/SOS		Mass Market Sales
		Fall		



WHERE WILL NISSAN'S EV BE AVAILABLE?



- Nissan is selecting these early markets, not as a trial, but as real markets of opportunity.
- Early markets are selected via favorable demographics, environmental mindset, public/private support and cooperative utilities to work together on infrastructure rollout.
- Current partnerships include:
 - State of Tennessee
 - State of Oregon
 - Sonoma County
 - Tucson metro area
 - Phoenix metro area
 - San Diego metro area
 - City of Seattle
 - Progress Energy & Advanced Energy Raleigh NC
 - District of Columbia
 - And more to come...



EACH PARTNER'S STRENGTHS CAN BE LEVERAGED



Nissan

- Electric vehicle
- Battery
- EV knowledge & support

Companies

- EV fleet vehicles
- Infrastructure support
- EV awareness

A SUSTAINABLE FUTURE REQUIRES ALL STAKEHOLDERS WORKING TOGETHER

State or Region

- Promote EV awareness
- Infrastructure support
- Legislation/Incentives
- Public education
- EV fleet vehicles

Utilities

- Expand renewable electricity sources
- Capacity expansion



ZERO-EMISSION REALITY



"Real car"
100-mile range
Launching in 18 months
Anticipate 12-15 markets at launch with mix of fleet and retail
Mass marketing by 2012



