2019 NISSAN LEAF PLUS
Based on the investments in EVs and decreasing battery costs, U.S. EV sales are projected to be in the millions and up to 25% of the market by 2030.
The number of PHEV and BEV models available is projected to increase across a variety of vehicle types.
NISSAN GLOBAL EV LEADER

World’s Best-Selling Electric Vehicle
Over 400,000 units sold worldwide since launch in 2010 (as of March 2019)

World Green Car
(by World Cars awards)

2018 Kelley Blue Book
Nissan 5-Year Cost to Own Award

CES 2018 Best of Innovation Award

Industry Firsts
FIRST Battery EV sold nationwide
FIRST affordable EV with over 100-mile EPA driving range
MOST units in operation (UIO) of any Battery EV in the US and worldwide

> 130,000 LEAFs sold in US (through March 2019)

Why drive electric?

- Lower maintenance and repair costs
- Lower fuel costs
- Total Cost of Ownership savings
- Zero tailpipe emissions
- Enhanced brand awareness/leadership
- Increased performance and reliability
How do fleets use electric vehicles?

- Deliveries
- Housing inspections
- Zoning inspections
- Juvenile justice
- Administration

- Shared pool cars
- IT services
- Airport shuttle
- Parking enforcement
- Security
- Fire marshal inspections

- Undercover police work
- Traffic management
## ONE LEAF, TWO CHOICES

### Nissan LEAF:
The icon of Nissan Intelligent Mobility

<table>
<thead>
<tr>
<th>Version specific</th>
<th>&quot;LEAF&quot; (40kWh)</th>
<th>&quot;LEAF PLUS&quot; More Range, More Power (62kWh)</th>
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<tbody>
<tr>
<td><strong>Main usage</strong></td>
<td>• Regular city driving, shorter commutes</td>
<td>• Longer commuting distances sometimes using highway</td>
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| **Reasons to choose** | • Affordable access point to a 100% electric car with all of the benefits of Nissan Intelligent Mobility  
• No compromise on available technology and features  
• Range you need for your daily life with quick charger back-up | • Longer range and more power on the highway  
• More daily trips on one charge  
• Charge less |
| **Charging frequency** | • Twice a week for the ‘average’ driver* | • Once a week / ten days for the ‘average’ driver* |
LEAF = NISSAN INTELLIGENT MOBILITY

INTELLIGENT DRIVING
FEEL MORE CONFIDENT

- ProPILOT Assist
- Around View Monitor

INTELLIGENT POWER
FEEL MORE EXCITED

- 100% electric
- E-pedal
- 2 options for range & power

INTELLIGENT INTEGRATION
FEEL MORE CONNECTED

- NissanConnect EV app (& wearables)
- Apple CarPlay & Android Auto
- Amazon Alexa

INTELLIGENT INTEGRATION
FEEL MORE CONNECTED

- Car Designed Around You & Improved Mobility For Everyone

INTELLIGENT MOBILITY
CHARGING

- Level 1/Level 2 cord set (Standard on LEAF plus)
- Supports both 240V and 120V outlets
- No equipment hardwiring needed for 240V charging
**LEAF PLUS CHARGING TIMES**

**LEAF (40kWh)**
- **240-V HOME CHARGING**
  - 7.5 HOURS
  - = FULL CHARGE
- **50 kW QUICK CHARGING**
  - 40 MINUTES
  - = 80% CHARGE

**LEAF PLUS (62kWh)**
- **240-V HOME CHARGING**
  - 11.5 HOURS
  - = FULL CHARGE
- **50 kW DC QUICK CHARGING**
  - 60 MINUTES
  - = 80% CHARGE
- **100 kW DC QUICK CHARGING**
  - 45 MINUTES
  - = 80% CHARGE

Home & Public Fast Chargers
Nissan LEAF is manufactured in Smyrna, TN

Battery Warranty: 8 years, 100,000 miles
EV ROI & LOWER LIFECYCLE COST

US DOE Vehicle Cost Calculator: [https://afdc.energy.gov/calc/](https://afdc.energy.gov/calc/)
LEAF discount program for utility customers

Employee ride and drives
Community ride and drives

Communication to customers is key:

- Website
- Customer emails
- Social media
- Collaboration with municipalities and nonprofit groups
We Energies

8 fleet cars

- Meter maintenance
- Engineering site visits
- Employee pool cars
**SHARED MOBILITY IN MILWAUKEE**

**Impulse Car Share**

- LEAFs located at multi unit dwelling locations
- Offered as an amenity to tenants
- Customers rent car by the minute
- Reserve, unlock and start the car with the app (keyless rental)
V2X Overview

What is “V2X?”

V2X = Vehicle-To-Anything

Nissan LEAF = “Energy Source”

EVs aren’t just for driving anymore!

- Homes
- Buildings
- Grid
- Loads
V2X Overview

How does V2X work?

- Nissan LEAF
- Bidirectional EV Charger
- V2X
  - Charge
  - Discharge (CHAdeMO port)
  - Power
**Nissan North America V2B Pilot Program**

*The V2B pilot is a test of both technology and business viability of demand-charge management.*

1. Charger can either charge LEAF...

   OR

2. pull energy from LEAF.

If 2, LEAF can help power building during peak periods.

**Nissan LEAF**
(Transportation and Energy Storage)

**Bidirectional Charger**
(Charges and Discharges LEAF)

**Nissan Pilot Locations (2)**

1. Nissan North America Headquarters
   Franklin, TN

2. Nissan Design America
   San Diego, CA