

More electric car charging points in Japan than gas stations

February 17 2015



A Nissan employee demonstrates charging one of the country's Leaf electric vehicles using a smart home electricity supply cable in Yokohama, suburban Tokyo

Green-car sceptics take note: Japan now has more electric vehicle charging spots than gas stations.

The country's number-two automaker Nissan says there are now 40,000 charging units—including those inside private homes—across the nation, compared with 34,000 petrol stations.

While [gas stations](#) have multiple pumps and can service many more cars, the figures underscore efforts to boost green-vehicle infrastructure in Japan, long a leader in a sector that remains tiny globally.

Nissan is betting on growing demand for electric cars, while rival Toyota said it has been swamped by orders for its first mass market hydrogen fuel-cell car, the Mirai sedan.

Fuel-cell cars are seen as the Holy Grail of green cars as they are powered by a chemical reaction between hydrogen and oxygen, which emits nothing more harmful than water from its exhaust.

But a limited driving range and lack of refuelling stations have hampered development of the green-car sector, which environmentalists say could play a vital role in cutting [greenhouse gas emissions](#) and slowing global warming.

© 2015 AFP

Citation: More electric car charging points in Japan than gas stations (2015, February 17)
retrieved 20 September 2024 from
<https://phys.org/news/2015-02-electric-car-japan-gas-stations.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.