



**ELECTRIC
NATION**
VEHICLE TO GRID

PROJECT INFORMATION DOCUMENT

VERSION 1.0 - REVISED JUNE 2020

The document contains important information for customers regarding the Electric Nation Vehicle to Grid Project.

Please read this in full to ensure you understand the project and your requirements as a Project Participant.

Further project information can be found at www.electricnation.org.uk and in the FAQ section.

PROJECT OVERVIEW

The Electric Nation Vehicle to Grid project is recruiting 100 people to trial state of the art domestic Vehicle to Grid (V2G) Smart Charging in order to help Distribution Network Operators (DNOs) and others to understand how V2G charging could work with their electricity networks. This will allow DNOs to see what V2G looks like as a service, so it can be made available to everyone. By helping to balance variations in the national energy production and consumption, you can save money by buying energy when it is cheaper and greener. The project is effectively imitating the future.

The project is also recruiting up to 5 UK energy suppliers to participate in the trial, with each supplier managing a group of c.20-30 V2G chargers, to further their understanding of V2G energy services and how these may impact the DNO in the coming years.

The end-user customer trial will commence in March 2021.

BENEFITS FOR TRIAL PARTICIPANTS

Trial participants will receive a V2G charger worth approximately £5,500 to use for free for the duration of the trial, up until March 2022. The charger ownership can be transferred to you at the end of the project in March 2022 for a transfer fee of just £250.

Active participants will be able to earn a minimum reward of up to the monetary value of £120*, available over the one-year trial period from March 2021 and ending in March 2022. Additional rewards are expected to be generate and passed to the participants during this 1-year customer trial period; these will be confirmed during Summer 2020 once the Energy Suppliers are onboard.



PROJECT TIMELINE

JUNE 2020

Recruitment for 100 project participants launched

JULY 2020

From July 2020, you will be issued a V2G charger home web-survey via text message from CrowdCharge

AUTUMN 2020

During Autumn 2020 CrowdCharge will assign you to a Project Energy Supplier

SEPT 2020

From September 2020*, the first installations will take place. **Subject to delay due to COVID-19 outbreak*

JANUARY 2021

The install of the 100th participant will take place

MARCH 2021

The end-user customer trial commences, and you can begin earning rewards during the one-year trial

MARCH 2022

The one-year end-user customer trial will conclude. You have the option to transfer the ownership of the charger to you for only £250, or you can choose for it to be uninstalled by CrowdCharge

V2G CHARGER HARDWARE

CrowdCharge are currently product testing a range of domestic V2G chargers for use in the trial. Shortly we will confirm the chargers we will be installing and testing on the project.

CrowdCharge will assign you a V2G charger in Summer 2020 and confirm with you you're happy to receive this free charger for the duration of the trial. Unfortunately, you are unable to select the charger you would like installed.

Your charger will be managed by CrowdCharge, the digital EV charger demand management platform, with your allocated Project Energy Supplier energy services tested for the 1-year customer trial from March 2021 to March 2022.

V2G CHARGER INSTALLATION

Your V2G charger installation will be free to you, paid for by the Project, assuming you meet the Standard Installation criteria*

Any additional electrical work including groundworks will be charged to you by the installer for you to pay; your installer will confirm any additional costs for your acceptance.

**Standard installation criteria includes:*

- *a cable run up to 20m from your desired V2G charger location to your consumer unit or cut-out fuse location*
- *Charger to be mounted to external brick wall or concrete*
- *Spare ethernet port required on router to hard-wire internet connection for V2G charger*

PARTICIPANT REWARDS

As an incentive to participate in the trial, on top of receiving a free V2G charger worth £5,500 to use for the duration of the trial, there is also a minimum reward of up to the monetary value of £120 available for completion of all trial participation parameters over the one year trial period from March 2021 and ending in March 2022.

This will be split into 12 monthly payments values from £10* pcm with contingencies applied of 15 full charging cycles being completed monthly to be eligible. To be eligible your EV must be plugged in continuously from 18:00 to 05:00 for a minimum of 15 times per month. If the EV is disconnected at any point during this period, it will not count towards the monthly total of full cycles.

The value of this reward is likely to be higher, which is why the monetary value of £10 is stated as the minimum. This hesitation in stating more is because CrowdCharge is currently developing propositions with up to 5 Energy Supplier partners which we are onboarding to the trial; these additional reward values will be confirmed in Summer 2020.

**The full details of the 'reward' are to be confirmed during summer 2020. Each eligible participant will receive the minimum reward to the monetary value of £10 per month for the duration of the one-year trial. The total reward will be confirmed with our energy supplier partner, but, 12 monthly payments will be made available if the participant meets the monthly criteria. If a participant does not meet the requirements for a month, they will miss out on that month's reward sum.*



PARTICIPATION PARAMETERS TO REMAIN ON THE TRIAL

The participant will be required to meet participation parameters to continue to keep their place on the trial as detailed below.

We would encourage participants to plug in their Nissan EV whenever the vehicle is at home, even if a charge isn't required.

These participation parameters include, but are not limited to:

1. From the installation date of the V2G charger, this charger should be the primary source of charging your EV. This includes in the preparation phase of the trial during 2020, before the official trial begins in March 2021, through to March 2022
2. Completion of a minimum of 10 full* charge cycles per month to keep your place on the trial and use of the V2G charger over the trial period
3. Completion of at least 15 full* charge cycles per month to be eligible for the rewards incentive**
4. Use of the CrowdCharge mobile app to manage charging preferences

**A full charge cycle is plugging in an EV and leaving it connected to the V2G charger during the hours of 18:00 through to 05:00 the next day, even if charging is not required (specified plug-in duration could change as project develops. CrowdCharge will notify you if it does)*

***The full details of the 'reward' are to be confirmed during summer 2020. Each eligible participant will receive the minimum reward to the monetary value of £10 per month for the duration of the one-year trial. The total reward will be confirmed with our energy supplier partners, but 12 monthly payments will be made available if the participant meets the monthly criteria. If a participant does not meet the 15 full charger cycle requirements for a month, they will miss out on that month's reward sum.*

PROJECT EXIT FEES

If a participant leaves, or is asked to leave, before the end of the trial in March 2022 then they will be asked to reimburse a proportion of the installation fee paid on their behalf by the project. The exact amount will be calculated in a tiered format according to the length of time that they participated in the trial, however this could be up to £2000:

- If you leave the project trial on or before 31st May 2021 you will be required to pay an exit fee of £2,000 and the V2G charger will be uninstalled.
- If you leave the project trial on or before 31st August 2021 you will be required to pay an exit fee of £1,000 and the V2G charger will be uninstalled.
- If you leave the project trial on or before the 30th November 2021 you will be required to pay an exit fee of £500 and the V2G charger will be uninstalled.
- If you leave the project trial after 1st December 2021 you will be required to pay an exit fee of £250 and the V2G charger will be uninstalled.
- If you complete the full trial participation requirements, then at the end of the trial in March 2022 you will be eligible to have the ownership of the V2G charger transferred to yourself for a fee of £250, so you will then own the charger.

NOTE: All pricing subject to change without notice. Correct as of 06/2020.

NEXT STEPS...

1. Complete the Expression of Interest Webform link in the email. Your application cannot be progressed until this has been completed.
2. A member of the Electric Nation Recruitment team will call you to explain the project in detail and answer any queries you may have.
3. If successful, CrowdCharge will issue your details to the Project installers; you will receive a text message to complete the V2G charger home survey from July 2020.
4. CrowdCharge will assign a V2G charger and Project Energy supplier to you, for your acceptance.
5. Installation to be schedule, starting in September 2020, concluding in January 2021.
6. Installation complete – you're a Project Participant!