

Report on Plug-In Norfolk - Norfolk County Council



Outline

Norfolk County Council are running a community-focused electric vehicle chargepoint (EVCP) network around the county under the 'Plug In Norfolk' initiative. (I believe the offer is only available until the end of March, their Financial Year but this may be extended)

Norfolk County Council will allocate funding and facilitate the procurement of the EVCPs. Allocated funding will cover all installation costs as well as associated works such as the provision of signage and protectors. **Note:** There is quite an onerous application form to fill in. Minimum requirement is for a two-socket system. Ongoing maintenance coverage will not apply to any indirect costs such as wear and tear of car parks, standby electricity costs or insurance payments associated to the EVCPs.

EVCPs installed as part of this project will need to remain operational for a minimum period of 7 years in accordance with grant funding terms and conditions from central government and operated through the Plug In Norfolk initiative. The running and maintenance costs of the EVCPs will be funded by Norfolk County Council until 31 July 2030.

UK Power Networks indicate charge times for the difference power ratings as follows:

Power Rate	Time to Charge 10kWh	Time to Charge 30kWh
7.4kW	1 hr 20 mins	4 hrs
11kW	55 mins	2 hrs 45 mins
22kW	27 mins	1 hr 22 mins

There may be constraints on the power grid and limitations on what is achievable. This can be checked with UK Power Networks.

As the EVCPs will be run from existing supplies at host premises, the County Council will initially reimburse electricity used by the EVCPs at a rate of 34p/kWh. This rate will be reviewed annually and adjusted as required by the market.

Usage tariffs are to be determined and set by Norfolk County Council. The Plug In Norfolk system aims to create a standardised user experience at all locations. Usage tariffs will be adjusted as dictated by the cost of electricity, operating costs and usage demand.

EVCPs must be accessible to all members of the public to use, without the requirement to use the services of the host premises. 24/7 public access to EVCPs is required to support the overnight charging needs of local residents.

Lingwood Village Hall - Lingwood Parish Council

Lingwood Parish Council initially applied for and were granted Parish Partnership money (50%) for installing EVCP's. It took over a year to get quotes for a concrete base and for a contractor to install it, ready for the EVCP's. By that time, the Plug-In Norfolk initiative from Norfolk County Council was available and the Parish Council were successful in their application to receive the installation of the EVCP's.

They have 4 x 22kW EVCP chargers. Part of the Fuuse Network. Charge rate is 55p/kWh

Lingwood Parish Council receives a report with how much the chargers are used and a bank transfer for the electricity. The Parish Council will have to maintain them from 2030 onwards.

Here is a snapshot of the first few months since installation.

	May-25	Jun-25	Jul-25	Aug-25	Sept-25
Total kWh delivered	0.39	33.34	6.03	176.73	111.64
Number of sessions	6	2	1	13	10

	Oct-25	Nov-25	Dec-25	Jan-26	
Total kWh delivered	15.107	83.905	166.78	488.875	
Number of sessions	3	3	13	28	

Detailed usage for January 2026

kWh Delivered	Session Date	Session Start Time	Session End Time	Duration
0.002	31/01/2026	19:05:32	19:05:51	00:00:19
20.911	30/01/2026	08:31:32	13:25:31	04:53:59
4.988	30/01/2026	07:03:50	08:14:22	01:10:32
21.606	29/01/2026	11:06:03	16:10:51	05:04:48
34.973	29/01/2026	11:48:29	14:48:50	03:00:21
6.352	27/01/2026	18:21:29	19:49:50	01:28:21
20.086	26/01/2026	09:32:54	14:37:11	05:04:17
15.505	24/01/2026	09:13:17	12:51:16	03:37:59
15.963	24/01/2026	10:02:36	13:38:27	03:35:51
7.368	23/01/2026	09:30:24	11:56:59	02:26:35
8.482	22/01/2026	13:54:52	16:09:37	02:14:45
25.294	21/01/2026	12:33:24	18:52:02	06:18:38
33.03	19/01/2026	09:19:01	17:52:33	08:33:32
38.016	16/01/2026	03:17:23	06:47:41	03:30:18
25.831	14/01/2026	09:14:00	15:34:33	06:20:33
34.593	13/01/2026	21:29:12	05:30:17	08:01:05
45.14	12/01/2026	11:32:09	21:44:18	10:12:09
34.527	09/01/2026	18:05:30	02:06:44	08:01:14
10.103	08/01/2026	13:46:57	16:09:43	02:22:46
34.491	06/01/2026	21:23:25	05:24:28	08:01:03
10.699	05/01/2026	07:45:14	10:14:39	02:29:25
34.508	03/01/2026	17:41:14	01:42:16	08:01:02
6.407	01/01/2026	11:53:45	16:40:29	04:46:44

GRIDSERVE EV Charging - Postwick

They offer the following:

AC Charging. Power up to 22kW. Cost is 49p/kWh

DC Charging. Power up to 360kW. Cost is 82p/kWh to 89p/kWhr

Shell Garage Brundall - Pod Energy

They have just installed some EV chargers. Price unknown. They will be closing Yarmouth Road for 3 weeks in the near future to install the required power supply.

Considerations

- In rural areas like Strumpshaw, there may be limited local demand initially – not everyone has or will adopt an EV immediately – so the revenue or community benefit might be lower than expected. Local plans from Strumpshaw NP consultations have shown differing views on whether public charging is needed, with some people questioning the necessity.
- Under-used chargers can feel like wasted investment, especially if users choose other nearby facilities such as Lingwood Village Hall with better access or faster speeds.
 - Chargers open to the public can attract non-local users, leading to parking congestion or vehicles overstaying in charging bays. Hall trustees would need policies (time limits, enforcement) to avoid abuse.
 - The recommended supply would need to be 22kW. It has been suggested that UK Power Network's substation in Mill Meadow may not be able to meet this demand.
 - There's a security responsibility for equipment and users, especially outside hall operating times.

Recommendation (Defer Decision)

The Parish Council is asked to note the contents of this report regarding the Plug In Norfolk electric vehicle charging initiative and to defer any decision on participation at this time, pending further consideration of local demand, potential locations, grid capacity and the longer-term financial and maintenance implications beyond 2030. A further report may be brought forward should Parish Council wish to revisit the matter.