From the Secretary of State
The Rt. Hon. Grant Shapps MP

Great Minster House
33 Horseferry Road
London
SW1P 4DR

Web site: www.gov.uk/dft

Department for Transport

Dear Gwynne Jones

29 October 2019

Meeting the UK's target of achieving net zero carbon emissions by 2050 is a priority for this Government. The switch to zero and ultra-low emission vehicles is a vital part of our efforts to reduce carbon emissions and improve poor air quality which contributes to up to 36,000 deaths per annum. It also presents a significant economic opportunity for the UK to become a world-leader in electric vehicle production.

Our vision is that all drivers of electric vehicles in the UK should be able to access public charging infrastructure that is affordable, efficient and reliable. With more than 200,000 electric vehicles on our roads, the Government and private sector have supported the installation of more than 22,500 places to charge.

Indeed, there are now more chargepoint locations than petrol stations. Government has recently launched a £400 million Chargepoint Infrastructure Investment Fund to catalyse private investment into electric vehicle charging infrastructure across the UK. The fund will hugely expand the UK's public charging network. Including, for example, park and ride schemes. However, there is more that we must do if we are to achieve our vision in full.

Government continues to work with local authorities to support the development of the public chargepoint network through initiatives such as the On-Street Residential Chargepoint Scheme (ORCS). We know that a lack of suitable on-street charging is one of the biggest strategic barriers to mass adoption of electric vehicles, so initiatives like this are critical to ensuring that as many people as possible can access quality electric vehicle charging infrastructure.

I am pleased that 33 local authorities have already applied this financial year and that will lead to the installation of another 1,200 chargepoints by the end of March. As a result of this clear demand, I was delighted to recently announce that funding for the ORCS will double for this financial year, this means that there is a total of £5 million available in 2019/20. I encourage you to take advantage of this funding to improve the chargepoint network for people living and working in your area. More information, *including on how to apply*, is available from the Energy Savings Trust website;

www.energysavingtrust.org.uk/transport/local-authorities/street-residential-chargepoint-scheme

We are going further still, with new proposals to make all new-build homes in England to be fitted with a chargepoint – a world first that is expected to drastically increase the uptake of electric vehicles. We are also consulting on proposals to introduce green number plates for zero emission vehicles. By increasing visibility, we believe this initiative could help local authorities incentivise electric vehicle use.

As I write, there are over 100 local authorities with fewer than 10 public charging devices per 100,000 population, as shown in the attached table (see end of letter). There will be many reasons for the wide variation of chargepoints from one local authority to the next, but in the interests of transparency and to hasten the adoption of electric charging I am, on Saturday 2nd November, publishing the latest data which shows where your authority currently sits in the national table. We also plan to publish an interactive map which shows the number of rapid and total devices per local authority across the UK.

I appreciate that the provision of electric charging points is dependent on the public buying electric vehicles, however we cannot expect the public to invest in electric vehicles without the correct charging infrastructure already in place. Local partners may not rush to install chargepoints until the proportion of electric vehicles is higher. Therefore, we must take on the leadership role in this chicken and egg situation to drive this transformation forward.

I believe local authorities are best placed to understand what infrastructure is needed at a local level. With this in mind, I would like to understand what strategy you have in place to support the uptake of zero emission vehicles in your area and identify any barriers that may be preventing progress. Please respond with a short summary of your local strategy, covering proposals for chargepoint provision, including plans for those residents without off-street parking within 14 days to the Office for Low Emission Vehicles; Communications@OLEV.gov.uk.

I look forward to engaging local authorities on these consultations.

Yours sincerely,

Rt Hon Grant Shapps MP

SECRETARY OF STATE FOR TRANSPORT

Notes

Charging device location data is sourced from the electric vehicle charging platform Zap-map and represents devices reported as operational at midnight, 1 October 2019. Zap-map reports that they cover 95% of publicly accessible charging devices. There are no other sources with such comprehensive coverage against which we could verify. True counts are likely to be higher and we have no way of assessing whether the coverage of the data is better in some geographical areas than others.

The table shows the total number of charging devices in each Local Authority. A charging device may have a number of connectors of varying speeds, however not all can charge more than one vehicle at the same time. It is not possible to identify whether individual devices have this capability. The figure for total places to charge, referenced in the letter, is higher because it accounts for devices which can charge more than one vehicle at a time, to give an overall estimate of charging capability for the UK.

'Total devices' represent publicly available charging devices at all speeds. 'Rapid devices' are those whose fastest connector is rated at 43kW or above. A device can have a number of connectors of varying speeds.

Population figures by Local Authority are sourced from the Office for National Statistics Population Estimates for 2018. The Local Authority administrative geographies are the latest available geographies released in June 2019.

Table 1. Publicly available electric vehicle charging devices by local authority, October 2019

	Total public charging devices	Total public rapid charging devices	Population at end 2018	Charging devices per 100,000 population
UNITED KINGDOM	15,116	2,495	66,435,550	23
GREAT BRITAIN	14,821	2,476	64,553,909	23
ENGLAND	12,549	2,008	55,977,178	22
NORTH EAST	738	98	2,657,909	28
County Durham	92	13	526,980	17
Darlington	27	2	106,566	25

Hartlepool	5	0	93,242	5
Middlesbrough	25	4	140,545	18
Northumberland	139	24	320,274	43
Redcar and Cleveland	17	1	136,718	12
Stockton-on-Tees	71	9	197,213	36
Tyne and Wear (Met County)	362	45	1,136,371	32
Gateshead	60	12	202,508	30
Newcastle upon Tyne	106	4	300,196	35
North Tyneside	38	2	205,985	18
South Tyneside	30	8	150,265	20
Sunderland	128	19	277,417	46
NORTH WEST	1,204	227	7,292,093	17
Blackburn with Darwen	14	2	148,942	9
Blackpool	13	0	139,305	9
Cheshire East	59	22	380,790	15
Cheshire West and Chester	40	6	340,502	12
Halton	8	0	128,432	6
Warrington	66	17	209,547	31
Cumbria	150	45	498,888	30
Allerdale	17	6	97,527	17
Barrow-in-Furness	0	0	67,137	0
Carlisle	26	5	108,387	24
Copeland	21	1	68,424	31
Eden	29	17	52,881	55
South Lakeland	57	16	104,532	55

Greater Manchester (Met County)	446	44	2,812,569	16
Bolton	26	2	285,372	9
Bury	20	0	190,108	11
Manchester	119	14	547,627	22
Oldham	35	0	235,623	15
Rochdale	30	7	220,001	14
Salford	91	9	254,408	36
Stockport	28	3	291,775	10
Tameside	20	4	225,197	9
Trafford	49	1	236,370	21
Wigan	28	4	326,088	9
Lancashire	239	71	1,210,053	20
Burnley	10	1	88,527	11
Chorley	32	20	116,821	27
Fylde	10	1	79,770	13
Hyndburn	8	3	80,815	10
Lancaster	43	6	144,246	30
Pendle	14	5	91,405	15
Preston	38	8	141,818	27
Ribble Valley	17	1	60,057	28
Rossendale	6	0	70,895	8
South Ribble	25	10	110,527	23
West Lancashire	20	9	113,949	18
Wyre	16	7	111,223	14
Merseyside (Met County)	169	20	1,423,065	12
Knowsley	7	3	149,571	5
Liverpool	119	8	494,814	24
Sefton	13	3	275,396	5
St. Helens	15	3	180,049	8

Wirral	15	3	323,235	5
YORKSHIRE AND THE HUMBER	664	150	5,479,615	12
East Riding of Yorkshire	27	2	339,614	8
Kingston upon Hull, City of	17	4	260,645	7
North East Lincolnshire	17	4	159,821	11
North Lincolnshire	14	2	172,005	8
York	58	13	209,893	28
North Yorkshire	112	25	614,505	18
Craven	15	1	56,832	26
Hambleton	15	2	91,134	16
Harrogate	33	9	160,533	21
Richmondshire	17	10	53,244	32
Ryedale	13	2	54,920	24
Scarborough	16	1	108,736	15
Selby	3	0	89,106	3
South Yorkshire (Met County)	136	45	1,402,918	10
Barnsley	9	2	245,199	4
Doncaster	34	11	310,542	11
Rotherham	43	24	264,671	16
Sheffield	50	8	582,506	9
West Yorkshire (Met County)	283	55	2,320,214	12
Bradford	48	10	537,173	9
Calderdale	19	7	210,082	9
Kirklees	41	6	438,727	9
Leeds	141	21	789,194	18

Wakefield	34	11	345,038	10
EAST MIDLANDS	743	128	4,804,149	15
Derby	53	8	257,174	21
Leicester	70	2	355,218	20
Nottingham	104	24	331,069	31
Rutland	10	0	39,697	25
Derbyshire	79	12	796,142	10
Amber Valley	6	1	126,678	5
Bolsover	10	4	79,530	13
Chesterfield	20	1	104,628	19
Derbyshire Dales	17	0	71,977	24
Erewash	8	3	115,490	7
High Peak	6	0	92,221	7
North East Derbyshire	5	0	101,125	5
South Derbyshire	7	3	104,493	7
Leicestershire	105	10	698,268	15
Blaby	23	4	100,421	23
Charnwood	24	2	182,643	13
Harborough	17	2	92,499	18
Hinckley and Bosworth	20	0	112,423	18
Melton	4	0	51,100	8
North West Leicestershire	16	2	102,126	16
Oadby and Wigston	1	0	57,056	2
Lincolnshire	116	29	755,833	15
Boston	6	1	69,366	9

East Lindsey	33	4	140,741	23
Lincoln	30	2	99,039	30
North Kesteven	9	0	115,985	8
South Holland	6	0	93,980	6
South Kesteven	20	15	141,853	14
West Lindsey	12	7	94,869	13
Northamptonshire	99	23	747,622	13
Corby	26	4	70,827	37
Daventry	19	6	84,484	22
East Northamptonshire	17	0	93,906	18
Kettering	6	2	101,266	6
Northampton	15	0	225,146	7
South Northamptonshire	13	9	92,515	14
Wellingborough	3	2	79,478	4
Nottinghamshire	107	20	823,126	13
Ashfield	8	1	127,151	6
Bassetlaw	14	4	116,839	12
Broxtowe	27	6	113,272	24
Gedling	14	3	117,786	12
Mansfield	10	3	108,841	9
Newark and Sherwood	19	1	121,566	16
Rushcliffe	15	2	117,671	13
WEST MIDLANDS	815	229	5,900,757	14
Herefordshire, County of	47	5	192,107	24
Shropshire	38	14	320,274	12
Stoke-on-Trent	24	5	255,833	9

Telford and Wrekin	13	2	177,799	7
Staffordshire	105	42	875,219	12
Cannock Chase	9	5	100,109	9
East Staffordshire	12	4	118,574	10
Lichfield	12	1	103,965	12
Newcastle-under-Lyme	25	19	129,490	19
South Staffordshire	11	5	112,126	10
Stafford	26	7	135,880	19
Staffordshire Moorlands	7	0	98,397	7
Tamworth	3	1	76,678	4
Warwickshire	101	42	571,010	18
North Warwickshire	8	4	64,850	12
Nuneaton and Bedworth	9	5	128,902	7
Rugby	3	0	107,194	3
Stratford-on-Avon	52	28	127,580	41
Warwick	29	5	142,484	20
West Midlands (Met County)	390	73	2,916,458	13
Birmingham	90	6	1,141,374	8
Coventry	156	30	366,785	43
Dudley	30	7	320,626	9
Sandwell	23	3	327,378	7
Solihull	53	8	214,909	25
Walsall	14	6	283,378	5
Wolverhampton	24	13	262,008	9
Worcestershire	97	46	592,057	16
Bromsgrove	31	21	98,662	31
Malvern Hills	12	4	78,113	15

Redditch	7	2	84,989	8
Worcester	18	6	101,891	18
Wychavon	21	10	127,340	16
Wyre Forest	8	3	101,062	8
EAST OF ENGLAND	909	168	6,201,214	15
Bedford	33	5	171,623	19
Central Bedfordshire	38	9	283,606	13
Luton	53	2	214,109	25
Peterborough	42	9	201,041	21
Southend-on-Sea	13	1	182,463	7
Thurrock	15	9	172,525	9
Cambridgeshire	95	16	651,482	15
Cambridge	28	6	125,758	22
East Cambridgeshire	8	2	89,362	9
Fenland	3	0	101,491	3
Huntingdonshire	16	3	177,352	9
South Cambridgeshire	40	5	157,519	25
Essex	138	34	1,477,764	9
Basildon	30	0	185,862	16
Braintree	9	4	151,561	6
Brentwood	1	1	76,550	1
Castle Point	1	1	90,070	1
Chelmsford	20	6	177,079	11
Colchester	24	5	192,523	12
Epping Forest	18	6	131,137	14
Harlow	3	0	86,594	3

Maldon	3	1	64,425	5
Rochford	2	0	86,981	2
Tendring	13	2	145,803	9
Uttlesford	14	8	89,179	16
Hertfordshire	182	34	1,184,365	15
Broxbourne	6	1	96,876	6
Dacorum	13	2	154,280	8
East Hertfordshire	13	0	148,105	9
Hertsmere	19	15	104,205	18
North Hertfordshire	15	3	133,214	11
St Albans	25	5	147,373	17
Stevenage	6	0	87,754	7
Three Rivers	42	1	93,045	45
Watford	30	4	96,767	31
Welwyn Hatfield	13	3	122,746	11
Norfolk	158	24	903,680	17
Breckland	15	7	139,329	11
Broadland	12	2	129,464	9
Great Yarmouth	14	2	99,370	14
King's Lynn and West Norfolk	28	4	151,811	18
North Norfolk	24	1	104,552	23
Norwich	46	6	141,137	33
South Norfolk	19	2	138,017	14
Suffolk	142	25	758,556	19
Babergh	13	3	91,401	14
East Suffolk	33	4	248,249	13
Ipswich	48	3	137,532	35
Mid Suffolk	5	1	102,493	5

West Suffolk	43	14	178,881	24
LONDON	4,360	323	8,908,081	49
Inner London	2,451	134	3,600,203	68
Camden	166	4	262,226	63
City of London	36	1	8,706	414
Hackney	126	12	279,665	45
Hammersmith and Fulham	274	12	185,426	148
Haringey	53	7	270,624	20
Islington	183	14	239,142	77
Kensington and Chelsea	163	2	156,197	104
Lambeth	178	9	325,917	55
Lewisham	58	7	303,536	19
Newham	83	5	352,005	24
Southwark	154	13	317,256	49
Tower Hamlets	78	11	317,705	25
Wandsworth	414	15	326,474	127
Westminster	485	22	255,324	190
Outer London	1,909	189	5,307,878	36
Barking and Dagenham	52	1	211,998	25
Barnet	68	21	392,140	17
Bexley	20	7	247,258	8
Brent	207	14	330,795	63
Bromley	72	8	331,096	22
Croydon	62	18	385,346	16
Ealing	183	12	341,982	54
Enfield	33	7	333,869	10
Greenwich	176	15	286,186	61

Harrow	14	4	250,149	6
Havering	11	6	257,810	4
Hillingdon	190	26	304,824	62
Hounslow	227	16	270,782	84
Kingston upon Thames	27	2	175,470	15
Merton	118	6	206,186	57
Redbridge	47	14	303,858	15
Richmond upon Thames	278	5	196,904	141
Sutton	46	6	204,525	22
Waltham Forest	78	1	276,700	28
SOUTH EAST	1,966	469	9,133,625	22
Bracknell Forest	24	1	121,676	20
Brighton and Hove	59	1	290,395	20
Isle of Wight	29	2	141,538	20
Medway	15	5	277,855	5
Milton Keynes	258	88	268,607	96
Portsmouth	59	2	215,133	27
Reading	37	11	163,203	23
Slough	47	13	149,112	32
Southampton	58	3	252,796	23
West Berkshire	78	28	158,527	49
Windsor and Maidenhead	29	1	150,906	19
Wokingham	39	27	167,979	23
Buckinghamshire	106	16	540,059	20
Aylesbury Vale	30	8	199,448	15
Chiltern	22	1	95,927	23
South Bucks	22	4	70,043	31

Wycombe	32	3	174,641	18
East Sussex	59	16	554,590	11
Eastbourne	16	5	103,160	16
Hastings	7	4	92,855	8
Lewes	15	3	102,744	15
Rother	9	1	95,656	9
Wealden	12	3	160,175	7
Hampshire	290	93	1,376,316	21
Basingstoke and Deane	45	9	175,729	26
East Hampshire	24	15	120,681	20
Eastleigh	19	2	131,819	14
Fareham	8	6	116,339	7
Gosport	6	3	85,283	7
Hart	33	13	96,293	34
Havant	19	14	125,813	15
New Forest	53	3	179,753	29
Rushmoor	17	4	95,142	18
Test Valley	20	9	125,169	16
Winchester	46	15	124,295	37
Kent	247	64	1,568,623	16
Ashford	30	2	129,281	23
Canterbury	28	1	164,553	17
Dartford	17	9	109,709	15
Dover	9	2	116,969	8
Folkestone and Hythe	25	15	112,578	22
Gravesham	4	2	106,385	4
Maidstone	37	15	169,955	22
Sevenoaks	20	5	120,293	17

Swale	24	1	148,519	16
Thanet	20	4	141,819	14
Tonbridge and Malling	12	5	130,508	9
Tunbridge Wells	21	3	118,054	18
Oxfordshire	196	36	687,524	29
Cherwell	30	6	149,161	20
Oxford	89	2	154,327	58
South Oxfordshire	38	20	140,504	27
Vale of White Horse	24	4	133,732	18
West Oxfordshire	15	4	109,800	14
Surrey	209	41	1,189,934	18
Elmbridge	25	14	136,626	18
Epsom and Ewell	14	0	79,928	18
Guildford	30	2	147,889	20
Mole Valley	11	1	87,253	13
Reigate and Banstead	16	4	147,757	11
Runnymede	22	4	88,000	25
Spelthorne	36	3	99,334	36
Surrey Heath	14	4	88,874	16
Tandridge	11	6	87,496	13
Waverley	18	3	125,610	14
Woking	12	0	101,167	12
West Sussex	127	21	858,852	15
Adur	2	0	63,869	3
Arun	16	1	159,827	10
Chichester	35	4	120,750	29
Crawley	27	5	112,448	24
Horsham	16	3	142,217	11

Mid Sussex	21	5	149,716	14
Worthing	10	3	110,025	9
SOUTH WEST	**1,150**	**216**	**5,599,735**	**21**
Bath and North East Somerset	49	1	192,106	26
Bournemouth, Christchurch and Poole	58	14	395,784	15
Bristol, City of	119	14	463,405	26
Cornwall	153	27	565,968	27
Dorset	63	8	376,484	17
Isles of Scilly	0	0	2,242	0
North Somerset	86	17	213,919	40
Plymouth	41	4	263,100	16
South Gloucestershire	57	14	282,644	20
Swindon	23	5	221,996	10
Torbay	9	2	135,780	7
Wiltshire	96	15	498,064	19
Devon	174	40	795,286	22
East Devon	31	8	144,317	21
Exeter	28	7	130,428	21
Mid Devon	15	8	81,695	18
North Devon	32	3	96,110	33
South Hams	23	1	86,221	27
Teignbridge	12	1	132,844	9
Torridge	20	6	68,143	29
West Devon	13	6	55,528	23
Gloucestershire	136	42	633,558	21

Cheltenham	26	3	117,090	22
Cotswold	33	4	89,022	37
Forest of Dean	9	1	86,543	10
Gloucester	24	6	129,285	19
Stroud	35	25	119,019	29
Tewkesbury	9	3	92,599	10
Somerset	86	13	559,399	15
Mendip	21	4	114,881	18
Sedgemoor	18	5	122,791	15
Somerset West and Taunton	27	2	153,866	18
South Somerset	20	2	167,861	12
WALES	529	58	3,138,631	17
Isle of Anglesey	35	3	69,961	50
Gwynedd	56	0	124,178	45
Conwy	21	0	117,181	18
Denbighshire	10	6	95,330	10
Flintshire	13	3	155,593	8
Wrexham	13	2	136,126	10
Powys	60	1	132,447	45
Ceredigion	28	2	72,992	38
Pembrokeshire	68	2	125,055	54
Carmarthenshire	28	4	187,568	15
Swansea	24	4	246,466	10
Neath Port Talbot	8	1	142,906	6
Bridgend	19	10	144,876	13
The Vale of Glamorgan	7	2	132,165	5
Cardiff	45	10	364,248	12

Rhondda Cynon Taf	8	0	240,131	3
Merthyr Tydfil	5	0	60,183	8
Caerphilly	7	0	181,019	4
Blaenau Gwent	5	0	69,713	7
Torfaen	7	0	93,049	8
Monmouthshire	35	2	94,142	37
Newport	27	6	153,302	18
SCOTLAND	1,743	410	5,438,100	32
Aberdeen City	77	14	227,560	32
Aberdeenshire	71	15	261,470	25
Angus	54	12	116,040	47
Argyll & Bute	46	13	86,260	51
City of Edinburgh	112	17	518,500	21
Clackmannanshire	17	1	51,400	33
Dumfries & Galloway	58	24	148,790	31
Dundee City	101	39	148,750	61
East Ayrshire	32	9	121,840	17
East Dunbartonshire	20	3	108,330	12
East Lothian	56	11	105,790	47
East Renfrewshire	23	6	95,170	22
Falkirk	23	5	160,340	12
Fife	89	15	371,910	21
Glasgow City	140	18	626,410	19
Highland	125	52	235,540	45
Inverclyde	17	2	78,150	24
Midlothian	37	7	91,340	35
Moray	30	6	95,520	29
Na h-Eileanan Siar	30	9	26,830	101

North Ayrshire	35	10	135,280	22
North Lanarkshire	62	16	340,180	16
Orkney Islands	24	4	22,190	108
Perth & Kinross	92	31	151,290	52
Renfrewshire	50	12	177,790	24
Scottish Borders	42	12	115,270	36
Shetland Islands	10	2	22,990	74
South Ayrshire	45	7	112,550	30
South Lanarkshire	120	18	319,020	36
Stirling	52	14	94,330	56
West Dunbartonshire	19	2	89,130	21
West Lothian	34	4	182,140	19
NORTHERN IRELAND	295	19	1,881,641	16
Antrim and Newtownabbey	33	2	142,492	23
Ards and North Down	17	0	160,864	11
Armagh City, Banbridge and Craigavon	30	1	214,090	14
Belfast	42	5	341,877	12
Causeway Coast and Glens	23	1	144,246	17
Derry City and Strabane	23	1	150,679	17
Fermanagh and Omagh	38	2	116,835	33
Lisburn and Castlereagh	11	1	144,381	8
Mid and East Antrim	24	2	138,773	19
Mid Ulster	23	2	147,392	15
Newry, Mourne and Down	31	2	180,012	17